



SHADOW MAINFRAME ADAPTER CLIENT

SHADOW MAINFRAME ADAPTER SERVER MESSAGES

POWERED BY
SHADOW

January, 2004

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About this Publication

This book describes the messages produced by Shadow Mainframe Adapter Server, a component of the Shadow Connect product, 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.
- “,” contains a complete listing of all produced messages.
- “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.

Reader’s Comments

Please e-mail any comments or questions you have about our documentation to support@neonsys.com.

Thank you!

Types of Messages

Shadow Mainframe Adapter 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 Mainframe Adapter 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 Mainframe Adapter 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 Mainframe Adapter 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 Mainframe Adapter Server messages have the following format:

SDsnnnc text

Where:

- D** is the product code. “D” is for Shadow Connect.
- s** is the last (fourth) character of the Shadow Mainframe Adapter Server subsystem name. The default for Shadow Connect will be a “B” as the default subsystem name is “SDBB”.

If the Shadow Connect subsystem name is “SDBA”, the message prefix will be “SDA”.

**Note:**

This Message Guide assumes the default value has been used, so all messages in this book will be presented as “SDB”.

- 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.

CHAPTER 1: Messages

SDB0001U 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
-------------	-------------

SDB0002S 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 restart the product.

The variable fields of the message text are:

parm	parameter
errdesc	error description
desc	description of correction

SDB0004S 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: Ensure 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 restart the product.

The variable fields of the message text are:

parm	parameter
errdesc	error description

SDB0005S 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: Ensure that the execution option (the first parameter in PARM=) is INIT. This is the only valid value. Correct the error, and restart the product.

The variable fields of the message text are:

parm	parameter
val	the value that was passed
errdesc	error description

SDB0006S 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: Ensure that 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.

SDB0007S 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

field	SSCT field name
errdesc	error description

SDB0008S PRODUCT CANNOT 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 cannot run as a batch job. The product must execute as a started task. Install the product as a started task, and restart the product.

SDB0009S 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 Technical Support to obtain additional assistance.

SDB0010H mod/funcc 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
funcc	current function code
text	text of the message

SDB0013S SSCT LOCATE ERROR - CONTACT SYSTEMS PROGRAMMING

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.

SDB0015S %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 copies 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.

SDB0016S EXECUTION ENQ ERROR - CONTACT SYSTEMS PROGRAMMING

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 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 Technical Support to obtain additional assistance.

SDB0021S 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 technical 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

SDB0022S 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 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
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SDB0023S 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 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.

SDB0024S 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 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.

SDB0025S %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: Ensure that 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.

SDB0026S 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: Ensure that 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 an emergency backup CPU, contact NEON Systems for a new product license code as soon as possible.

SDB0027S 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.

SDB0028S 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: Ensure that 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

SDB0029S 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: Ensure that 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 an emergency backup CPU, contact NEON Systems for a new product license code as soon as possible.

SDB0030S %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: Ensure that 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

SDB0031E %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: Ensure that 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

SDB0032S %PM HAS EXPIRED ON THIS CPU, LICENSE VIOLATION 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: Ensure that 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.

SDB0033S 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 products with one or more feature codes. The current product code contains an invalid product family code prefix.

Action: Ensure that 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:

fmcd	family code prefix string
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SDB0034S %PM FEATURE CODE 'featc' NOT AUTHORIZED rsrc

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: Ensure that 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:

featc	feature code
rsrc	resource name value

SDB0035S 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: Ensure that 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.

SDB0036S 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 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

SDB0037E 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 necessary.

The variable fields of the message text are:

servrtn	service routine
errdesc	error description
rc	return code

SDB0038S 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 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
rscd	reason code

SDB0039S servrtn errdesc FAILED, ABEND=abcd, REASON CODE=rscd

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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

servrtn	service routine
errdesc	error description
abcd	abend code
rscd	reason code

SDB0040S 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

cb	control block
addr	address
text	text of the message

SDB0041H 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
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SDB0043H 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 Systems Technical Support.

The variable fields of the message text are:

text	text of the message
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SDB0044S 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
-------------	-------------

SDB0045S TASK OR EXIT mod CAN NOT BE EXECUTED

Explanation: A product macro cannot 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 NEON Systems Technical Support. The main product address space will have to be restarted if this error is reported.

The variable fields of the message text are:

mod	module name
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SDB0046W INITIALIZATION PROCEDURE procname OR IRXJCL ENDED WITH CONDITION CODE rc - 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:

procname	initialization procedure name
rc	return or condition code value

SDB0047I DATASPACE procname 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:

procname dataspace name procedure name

SDB0048E DSPSERV ERROR. RETURN CODE = rc. 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 the 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:

rc DSPSERV return code

SDB0049I 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.

SDB0051I REGION SIZE MODIFIED FOR JOB %1. FROM %2 / %3, TO %4 / %5.

Explanation: The specified job or started task requested that its default region size be modified. This modification has been executed as requested.

Action: None required. This is an informational message.

SDB0055E 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 Systems technical support group.

The variable fields of the message text are:

cs control section name

SDB0056E INVALID DATA FOUND IN 'cs' LOADED AT addr ivdata

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 Systems technical support group.

The variable fields of the message text are:

cs control section or table name
addr load address of the CSECT or table
ivdata hex dump of invalid data area

SDB0080E 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: Ensure that 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

cb	control block
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SDB0081E MVS RELEASE UNKNOWN - JESPEXT rel1 DFA/DFP rel2

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

Action: Ensure that 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

rel1	release number or string
rel2	release number or string

SDB0090I TSOSRVACTIVE(YES) INVALID IN PROB STATE - SIMULATED 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 outboard facility cannot be enabled/managed without being authorized to operate in supervisor state and operating as an MVS started task.

Action: The outboard TSO Mainframe Adapter Server facility is not activated. Outboard TSO Mainframe Adapter 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.

SDB0091E 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,
desc	description
rc	return code

SDB0092E CANCEL OF Mainframe Adapter Server jb (ASID=asid) FAILED

Explanation: Mainframe Adapter Server address spaces which will not shutdown in a normal way (e.g. a long running Mainframe Adapter Server task that is still executing) are cancelled. If the cancel is not accepted for any reason, this message is issued.

Action: If the Mainframe Adapter Server address space survives product termination you may attempt to cancel it manually or possibly even force it. The fact that a Mainframe Adapter 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

SDB0093I WAITING FOR TSO Mainframe Adapter Server TERMINATION TO COMPLETE

Explanation: Inactive Mainframe Adapter Servers have been posted to shutdown. The termination process will wait for a short time to allow the Mainframe Adapter Servers to shutdown normally. If, at the end of this period, any Mainframe Adapter Servers are still active, they will be cancelled.

Action: None required. This is an informational message.

SDB0094S 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

SDB0095S 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 NEON Systems Technical Support to obtain additional assistance.

SDB0096S 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 NEON Systems technical 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)

SDB0097I service OF desc FAILED, RC=rc

Explanation: During Mainframe Adapter Server termination, Shadow found that a busy TSO Mainframe Adapter Server did not respond to an internal shutdown request. An attempt to issue an MVS CANCEL command to terminate the Mainframe Adapter Server failed.

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

The variable fields of the message text are:

service	current operation - cancel
desc	TSO Mainframe Adapter Server
rc	return code

SDB0098S NETMODE(TCPMAIN) REQUIRED FOR SSL OPERATION WITH IBMSSLPORTNUMBER SET

Explanation: During Mainframe Adapter 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 Mainframe Adapter Server will terminate. Correct that startup parameters in SWSxIN00 and restart.

SDB0101S %PM PRODUCT USAGE EXCEEDS var1 OEM LICENSING LIMITS

Explanation: The current product is executing using an OEM license code. The OEM license terms restrict usage of the product to a single Mainframe Adapter Client location (IP Address), a single Mainframe Adapter Client driver type (ODBC, JDBC, or JCA), and access to a single Host Business subsystem. Excess connections have been detected which exceed these product usage limitations. This message is accompanied by MSG0102S indicating which of these limits have been exceeded.

Action: Ensure that the product is used only within the limitations of the OEM License, or contact your OEM Vendor to obtain a full-usage license for the Mainframe Adapter Server. You may also contact NEON Systems, Inc. to obtain full-usage licensing information.

The variable fields of the message text are:

var1	OEM Vendor name
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SDB0102S EXCESS USAGE - LOCATIONS: var1, DRIVER TYPES: var2, HOST BUSINESS SYSTEMS: var3

Explanation: This message accompanies MSG0101S and indicate the excess usage of the product during the most recent reporting period. Each non-zero count indicates a connection or use of the Mainframe Adapter Server which exceeded the licensed usage terms.

Action: Ensure that the product is used only within the limitations of the OEM License, or contact your OEM Vendor to obtain a full-usage license for the Mainframe Adapter Server. You may also contact NEON Systems, Inc. to obtain full-usage licensing information.

The variable fields of the message text are:

var1	connections from excess locations
var2	connections from excess Mainframe Adapter Client driver types
var3	connections to excess Host business systems

SDB0103H ACCESS RESTRICTED TO TCP/IP - LU 6.2 SUPPORT NOT ACTIVATED

Explanation: The Mainframe Adapter Server was started using an OEM Vendor License. The OEM license allows connections only from TCP/IP Mainframe Adapter Client applications. VTAM-based Mainframe Adapter Client connections are not authorized.

Action: The VTAM task of the main address space shuts down. This is not an error, but you will not be able to connect to the Mainframe Adapter Server using VTAM communications.

SDB0110H 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.

SDB0111S 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
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SDB0112S INVALID DEFAULT DB2 SUBSYSTEM 'subsys' SPECIFIED

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
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SDB0113W INVALID DEFAULT DB2 SUBSYS PARAMETER - 'subsys'

Explanation: The default DB2 subsystem value in use by the Mainframe Adapter 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 (up) when the Mainframe Adapter 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

SDB0114W 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

SDB0115E LE/370 INTERFACE MODULE CEEPIPI CANNOT 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 subsystem. 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, ensure that either the LE/370 runtime libraries are available in STEPLIB or the link list, or turn off the SSL support option.

SDB0116S MONITOR FEATURE INVALID WITH DB2 SUBSYS OF 'NONE'

Explanation: The Monitor feature of the product cannot 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 (up) when the Mainframe Adapter 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

SDB0117S 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 cannot 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

SDB0118S LOAD BALANCING NOT AVAILABLE - VCF FEATURE CODE IS REQUIRED

Explanation: Load Balancing cannot 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.

SDB0119S SSL IS NOT AVAILABLE - SSL FEATURE CODE IS REQUIRED

Explanation: Secure Sockets Layer (SSL) cannot 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.

SDB0120I 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 to obtain additional assistance.

The variable fields of the message text are:

msg	message or message text
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SDB0121W 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 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

SDB0122S 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 to obtain additional assistance.

The variable fields of the message text are:

abcd	abend code
mod	module name
off	module offset
desc	Description

SDB0123T 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.

SDB0124E DUPLICATE PATTERN FOUND FOR MESSAGE ID=mgid

Explanation: The product reads 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 to obtain additional assistance.

The variable fields of the message text are:

mgid	message id
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SDB0125E num1 MESSAGES SINCE THE LAST ARCHIVE. CURRENT MESSAGE NUMBER IS num2

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:

num1	number of messages since last archive
num2	current Trace Browse message sequence number

SDB0126S 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 to obtain additional assistance.

The variable fields of the message text are:

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

SDB0127S 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 to obtain additional assistance.

The variable fields of the message text are:

process process subtask name

SDB0128S DYNAMIC DEFINITION OF ddn LIBRARY FAILED

Explanation: The mapping data set 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 to obtain additional assistance.

The variable fields of the message text are:

ddn map library ddname

SDB0130H 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 to which the interface was established.

Action: No action is required unless the customer is not running any security package and one was identified or the release level is incorrect. Contact 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

SDB0131S 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

SDB0132W 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, and no further action is needed. If ACF2 or RACF exists and this message was received, contact NEON Systems Technical Support for assistance.

SDB0133E 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

SDB0134W RUNAUTH USERID CACHE INITIALIZATION FAILED - SHARING OF RUN-AUTH USERIDS NOW DISABLED

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

Action: Product initialization continues with the SHARERUNAUTHACEES option set to OFF. Examine the wraparound 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.

SDB0135W SECURITY ROUTINE FAILED ATTEMPTING TO VALIDATE THE LOGUSERID usid. RC=rc1.

Explanation: The internal security service routine failed while attempting to verify a new user ID for the logging task.

Action: Check the error messages and the return code associated with this problem. There may be additional error messages in the system log. 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:

usid	the LOGUSERID parameter value
rc1	the security module return code

SDB0136W LOGUSERID (usid) LOGON FAILED rc1 rc2 rscd - msg

Explanation: An error occurred while attempting to verify a new user id for the logging task. This is a security environment error.

Action: Product logging continues with the previous user id used for logging. Correct the value in the LOGUSERID parameter.

The variable fields of the message text are:

usid	the LOGUSERID parameter value
rc1	the security module return code
rc2	the RACF (SAF) return code
rscd	the RACF (SAF) reason code
msg	error message text from RACF (SAF)

SDB0140I 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 01411, 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.

SDB0141I rule1 rule2 rule3 rule4 rule5 rule6 rule7

Explanation: This message is issued when there are catchup manual rules which did not fire during the previous execution of the product. It lists up to seven rules that did not fire, using the format rule.set.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:

rule1	(format rule.set for uniqueness)
rule2	(format rule.set for uniqueness)
rule3	(format rule.set for uniqueness)
rule4	(format rule.set for uniqueness)
rule5	(format rule.set for uniqueness)
rule6	(format rule.set for uniqueness)
rule7	(format rule.set for uniqueness)

SDB0142R 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, prevent all catchup manual rules from firing, or specify the type of catchup processing for each individual rule. It follows messages 0140I and 0141I. If more than two minutes expire while waiting for your reply or three 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.

SDB0143R 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 0142R. The name of the rule you are being prompted for is in the format rule.set.rule name. If more than two minutes expire while waiting for your reply or three 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	format rule.set for uniqueness
-------------	--------------------------------

SDB0144E 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 three invalid replies 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	reply text
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SDB0145E CATCHUP REPLY WAIT EXCEEDED 2 MINUTES. DEFAULT USED

Explanation: The product waited over two 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.

SDB0146E 3 INVALID CATCHUP REPLIES. DEFAULT TAKEN

Explanation: Three 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.

SDB0147E CATCHUP SERVICE service FOR VARIABLE varname FAILED, RC=rc

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

Action: Contact NEON Systems Technical Support for further assistance.

The variable fields of the message text are:

service	current operation
varname	name of variable or variable stem
rc	function return code

SDB0148W CATCHUP RULE rule 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:

rule	ruleset and rule name
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SDB0149E CATCHUP RULE rule GLOBAL VARIABLE WRITE FAILED, RC=rc

Explanation: This message is issued when a catchup rule attempts but fails to write a global variable describing the next time to fire. As a result, catchup processing for the rule will fail the next time the Shadow system is restarted. This normally occurs when the GLOBALMAX startup parameter has been exceeded and it is no longer possible to create new global variables. Return code 93 indicates that GLOBALMAX 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: Shut down the product, and allocate a larger SYSCHK1 data set. This may not be necessary if you already have a large data set 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

SDB0150S 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 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

SDB0151S service OF dsn 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

service	DIV service (e.g. DIV IDENTIFY etc.)
dsn	data set (e.g. trace data set)
rc	return code
rscd	reason code

SDB0152S service OF dsn 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

service	DIV service (e.g. DIV IDENTIFY etc.)
dsn	data set (e.g. trace data set)
abcd	abend code
rscd	reason code

SDB0153H ddn DATA SET 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 data set is allocated.

The variable fields of the message text are:

ddn	ddname (TRACE)
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SDB0154S ANY EXISTING TRACE BROWSE DATA DISCARDED

Explanation: Product detected this error.

Action: Contact NEON Systems Technical Support for assistance.

SDB0155S 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, as required.

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, contact NEON Systems Technical Support for additional assistance.

SDB0156S 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

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

SDB0157S TRACE BROWSE RECORD LIMIT EXCEEDED. TRACE BROWSE WILL BE INITIALIZED AT NEXT SHADOW Mainframe Adapter 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 Mainframe Adapter 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 Mainframe Adapter Server address space at your earliest convenience.

SDB0160S POSSIBLE SHORTAGE OF STORAGE, stg BYTES REQUIRED FOR TRACE BROWSE

Explanation: This is a follow-up message to message 0150S 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 16MB line) by the indicated amount.

The variable fields of the message text are:

stg	size of storage requested
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SDB0161S 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 contact NEON Systems technical support for additional assistance.

SDB0162S service OF dsn 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.)
dsn	data set (e.g. trace data set)
abcd	abend code
mod	module name
off	module offset
rscd	reason code

SDB0163I BROWSEARCHIVECOUNT SET TOO HIGH - CHANGED TO value

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

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

The variable fields of the message text are:

value	overriding BROWSEARCHIVECOUNT value
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SDB0164I BROWSEARCHIVELEAD TOO HIGH - CHANGED TO value

Explanation: The BROWSEARCHIVELEAD value is set too high. The sum of BROWSEARCHIVECOUNT plus BROWSEARCHIVELEAD cannot 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:

value	overriding BROWSEARCHIVELEAD value
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SDB0165I 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
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SDB0171S service OF dsn 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 to obtain additional assistance.

The variable fields of the message text are:

service	DIV service (e.g. DIV identify etc.)
dsn	data set (e.g. SYSCHK1 data set)
rc	return code
rscd	reason code

SDB0172S service OF dsn 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 to obtain additional assistance.

The variable fields of the message text are:

service	DIV service (e.g. DIV identify etc.)
dsn	data set (e.g. SYSCHK1 data set)
abcd	abend code
rscd	reason code

SDB0173W ddn DATA SET 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 data set is allocated.

The variable fields of the message text are:

ddn	ddname (e.g. SYSCHK1)
------------	-----------------------

SDB0174S ANY EXISTING GLOBAL VARIABLES DATA DISCARDED

Explanation: Shadow detected this error.

Action: Contact Shadow Technical Support for assistance.

SDB0175I GLOBAL VARIABLE UPGRADE text

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:

text	global variable text string
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SDB0176S DUPLICATE GLOBAL VARIABLE FOUND, NAME=varname

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. This situation has occurred due to a prior logic error.

The variable fields of the message text are:

varname	name of the global variable
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SDB0177S 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 to obtain additional assistance.

SDB0178S errdesc DETECTED IN GLOBAL VARIABLE LIST

Explanation: While building/rebuilding the global variable AVL tree, one of the following occurred: (1) an infinite loop was detected in the sequential list, (2) an invalid entry was detected in the sequential list, or (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 data set. Some global variables may be discarded.

Action: Report this message to NEON Systems Technical Support. This situation has occurred due to a prior logic error or storage overlay. Shadow should continue to function normally after the global variable data set has been successfully reconstructed.

The variable fields of the message text are:

errdesc	error description (e.g. infinite loop)
----------------	--

SDB0179I GLOBAL VARIABLE CONVERSION FROM VERSION text 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:

text	global variable text string
ver	old database version string (e.g. 03.01.01)

SDB0180I GLOBAL VARIABLE CHAIN REBUILD text, num GLOBALS

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:

text	global variable text string
num	number of global variables in database

SDB0181I varname 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:

varname	name of the global variable
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SDB0182I GLOBAL VARIABLE DATABASE BEING CONVERTED

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

Action: Information only. No action required.

SDB0183S 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 data set 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 to obtain additional assistance.

The variable fields of the message text are:

abcd	abend code
mod	module name
off	module offset
desc	description

SDB0184S desc addr1 addr2 addr3

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, 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 data set can be recovered from a prior backup.

The variable fields of the message text are:

desc	description
addr1	storage address
addr2	storage address
addr3	storage address

SDB0185W GLOBALMAX VALUE OF value1 IS TOO LOW. RESET TO value2.

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 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 error 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 shut down 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 reduce the size of the global variable data set, you must stop Shadow, delete and reallocate a new DIV data set, and then restart the product.

The variable fields of the message text are:

value1	GLOBALMAX value in error
value2	existing GLOBALMAX value

SDB0186S CONVERSION FAILED. INCREASE GLOBALMAX BY AT LEAST value.

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: Shut down the product, and allocate a larger SYSCHK1 data set. This may not be necessary if you already have a large data set 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 data set. You should leave enough free space to account for growth in your system.

The variable fields of the message text are:

value	minimum value to add to GLOBALMAX
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SDB0187I OLD IN-USE BLOCK COUNT - value. 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:

value	minimum value to add to GLOBALMAX
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SDB0188S INCOMPATIBLE SYSCHK1 DATABASE LEVEL level, 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:

level level number of the SYSCHK1 database

SDB0200S 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

SDB0201S 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

SDB0202S 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

rc return code

SDB0203S 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

SDB0204W 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

SDB0206E 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 necessary.

The variable fields of the message text are:

servrtn	service routine
errdesc	error description
rc	return code

SDB0207I JSAST TABLE ENTRY FOR ss WAS ind FOUND - FORCEJSASTUPDATE OPTION ACTIVE

Explanation: The FORCEJSASTUPDATE option is on. The subsystem's id was or was not found in the JSAST table. Updates to JESNRSS and the JSAST table will be unconditional due to the setting of FORCEJSASTUPDATE.

Action: Initialization routines force execution of the JESNRSS Update and IEFJSBLD calls.

The variable fields of the message text are:

ind	indicator text (null string or NOT)
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SDB0230W Mainframe Adapter Server'S DFHSM PENDING HRECALL TABLE IS FULL - DFHSM DRAIN(YES) FORCED

Explanation: More than 125 outstanding asynchronous HRECALL requests remain to be posted as complete by DFHSM. The Mainframe Adapter Server is suspending DFHSM request processing. It automatically set the DFHSM DRAIN product option 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 DFHSM DRAIN or DFHSM STATUS 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 Mainframe Adapter Server to automatically set the DFHSM DRAIN(NO) option (once 25 requests have been completed and cleared from the pending table) or manually change the DFHSM DRAIN parameter to NO. Before manually changing DFHSM DRAIN to NO, ensure that fewer than 125 HRECALL requests remain outstanding.

SDB0231E 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

SDB0232E SEF SUPPORT NOT LICENSED/ACTIVE - comp CANNOT BE INITIALIZED AND IS DISABLED

Explanation: During start-up, the Mainframe Adapter Server determined that the SEF feature is either unlicensed 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 Mainframe Adapter Server may terminate. For the DFHSM optional interface, Mainframe Adapter Server start-up continues.

The variable fields of the message text are:

comp start-up optional component being disabled

SDB0233E 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 Mainframe Adapter 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 Mainframe Adapter Server's STEPLIB load library.

Action: Mainframe Adapter Server start-up continues, but the Mainframe Adapter 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 Mainframe Adapter Server start-up. If DFSMSHsm is not installed, do not attempt to set the DFHSM(YES) start-up option.

SDB0234E 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: Mainframe Adapter 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.

SDB0235I DFHSM SUPPORT INTERFACE SUCCESSFULLY INITIALIZED

Explanation: During start-up, the DFHSM(YES) was selected to enable DFHSM support. The Mainframe Adapter Server has pre-initialized its DFHSM support interface successfully.

Action: Mainframe Adapter Server start-up continues. If DFHSM is not operational, the Mainframe Adapter Server may generate HRECALL requests throughout its 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 Mainframe Adapter Server. You may set DFHSMSTATUS(OFFLINE) at any time to prevent the Mainframe Adapter Server from invoking DFHSM services until reset to DFHSMSTATUS(ONLINE).

**SDB0236E ABEND DURING DFHSM service PROCESSING -
CMP=cmpr,RS=rscd,AT=mod+off**

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:

service	description of function being handled
cmpr	abend completion code
rscd	abend reason code
mod	abending module
off	abending module offset

**SDB0237W HRECALL PENDING FOR dsn - MWE ECB AT addr 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 Mainframe Adapter 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 message (consult IBM to determine the exact offset).

Action: Processing continues and the DFHSM MWE ECB is orphaned. The Mainframe Adapter Server does not attempt to remember these ECB addresses across a restart of the product. To prevent this condition, consider setting the Mainframe Adapter Server's DFHSM SHUTDOWNWAIT parameter to allow a longer wait time limit for DFHSM hrecall completions during shutdown. Also, ensure that the DFHSM STATUS 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:

dsn	data set for which HRECALL issued
addr	address of DFHSM MWE ECB

**SDB0238I Mainframe Adapter Server'S PENDING RECALL TABLE NO LONGER FULL -
DFHSM DRAIN(NO) RESET TO NO**

Explanation: Earlier, the Mainframe Adapter Server had put DFHSM DRAIN(YES) into effect because its pending HRECALL table was full. The table now has 25 free entries, and the Mainframe Adapter Server is restoring normal HRECALL processing.

Action: None. Normal HRECALL processing resumes.

**SDB0239I SHUTDOWN SUSPENDING FOR UP TO sss SECONDS TO AWAIT cnt1
PENDING HRECALL COMPLETIONS - cnt2**

Explanation: During shutdown processing, one or more pending HRECALL requests is still pending. The Mainframe Adapter 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 Mainframe Adapter Server waits the length of time specified by the DFHSM SHUTDOWNWAIT parameter for pending completions.

The variable fields of the message text are:

sss	seconds Mainframe Adapter Server will pause for DFHSM
cnt1	count of pending unposted MWE ECBs
cnt2	count of suspended task HRECALL requests

SDB0240E cnt PENDING DFHSM REQUESTS (AND MWE's) ORPHANED BECAUSE reason

Explanation: During shutdown processing, one or more pending HRECALL requests MAY remain pending. However, the Mainframe Adapter Server is bypassing product termination-time final recovery, checking for these requests.

Action: None. The Mainframe Adapter Server continues termination processing without attempting recovery/cleanup for pending HRECALL requests. Bypassing DFHSM final recovery is normally due to the parameter DFHSMSTATUS(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:

cnt	count of potentially pending HRECALLS
reason	reason for bypass of shutdown MWE recovery

SDB0250S 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 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

SDB0251S 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

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

SDB0253S 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 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

SDB0254S 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
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SDB0260S 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 LNKLIST 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.

SDB0261I Mainframe Adapter 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 absence of ANY explicitly defined entries, the Mainframe Adapter Server generates a default set of definitions.

Action: Normally, no action is required, and you may prefer to use the built-in defaults provided by the Mainframe Adapter Server.

SDB0262S ADABAS ADALNK ROUTINE CANNOT BE MODIFIED RE-ENTERENT - PLEASE CHECK VERSION

Explanation: ADABAS support cannot be activated because the ADABAS interface module, ADALNK, is not of the proper recognizable version.

Action: Ensure that the ADABAS link routine, ADALNK, is at the supported level and that it has not been modified in any way.

SDB0270T ACCESS TO ACI FEATURE IS NOT AUTHORIZED

Explanation: The product is not authorized for use with ACI from Mainframe Adapter Client applications. The current request to use Mainframe Adapter Client to connect to ACI 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 Mainframe Adapter Client applications to use the product to connect to ACI.

SDB0280S SSL msg

Explanation: The product tried to initialize SSL during product initialization. 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 to obtain additional assistance.

The variable fields of the message text are:

msg	message or message text
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SDB0281S SSL KEY/CERTIFICATE FILE func ERROR, DD=ddn, RC=rc

Explanation: The product tried to initialize SSL during product initialization. SSL initialization failed because an error occurred while accessing the Mainframe Adapter 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 to obtain additional assistance.

The variable fields of the message text are:

func	I/O function
ddn	file ddname
rc	I/O service return code

SDB0282S 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 to obtain additional assistance.

The variable fields of the message text are:

abcd	abend code
mod	module name
off	module offset
desc	description

SDB0283T 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.

SDB0284S SSL USERID (userid) LOGON FAILED rc1 rc2 rscd - msg

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. 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
rc1	the security module return code
rc2	the RACF (SAF) return code
rscd	the RACF (SAF) reason code
msg	error message text from RACF (SAF)

SDB0285I SSL MANAGER USERID userid LOGGED ON TO SYSTEM

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

Action: Web Server initialization processing continues.

The variable fields of the message text are:

userid	the SSLUSERID value
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SDB0286S 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 to obtain additional assistance.

The variable fields of the message text are:

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

SDB0287S 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 to obtain additional assistance.

The variable fields of the message text are:

process process subtask name

SDB0288S SSL Mainframe Adapter Server PRIVATE KEY/CERTIFICATE FORMAT INVALID FOR ddn

Explanation: The SSL resource manager could not initialize because the Mainframe Adapter 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 to obtain additional assistance.

The variable fields of the message text are:

ddn ddname of file in error

SDB0289S SSL SUPPORT CANNOT BE ENABLED - DDNAME ddn IS NOT ALLOCATED

Explanation: The SSL resource manager could not initialize because the Mainframe Adapter Server's certificate or private key file ddname is not allocated.

Action: The Mainframe Adapter Server will terminate. Check the start-up JCL to ensure that the certificate file and/or private key files are allocated to the correct ddnames.

The variable fields of the message text are:

ddn ddname of file in error

SDB0290S SSL ERROR: msg

Explanation: The SSL routines logged a severe error message.

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

The variable fields of the message text are:

msg SSL error message text

SDB0291S SSL LDAP svr NOT SPECIFIED

Explanation: SSL Mainframe Adapter Client authentication by an LDAP Mainframe Adapter Server was requested, but the name of the Mainframe Adapter Server and/or its port number were not specified.

Action: The Mainframe Adapter Server initialization process is aborted. Ensure that the correct Mainframe Adapter Server name and port number are specified with the SLLDAPMainframe Adapter Server and SLLDAPPORT parameters.

The variable fields of the message text are:

svr Mainframe Adapter Server or PORT

SDB0334I 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 informational purposes only.

SDB0335S 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

service	current operation, create or delete ESTAE
rc	return code

SDB0336S 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 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

SDB0337E 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 Technical Support 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

SDB0338S 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

desc	description
addr	address
tag	control block tag

SDB0339E 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 required by a variety of product routines. In some 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

cnt	number of process blocks
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SDB0340I 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 necessary. 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
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SDB0341T %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: Ensure that 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:

featc	feature code
rsrce	resource name value

SDB0342T %PM IS RUNNING ON AN UNAUTHORIZED CPU

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: Ensure that 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 Technical Support for a new product license code as soon as possible.

SDB0343T %PM LICENSE WILL EXPIRE 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: Ensure that 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
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SDB0344T %PM LICENSE HAS EXPIRED ON THIS SYSTEM

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: Ensure that 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.

SDB0345S ddn (value) DD ALLOCATION REQUIRED IN START-UP JCL FOR PROPER EXECUTION OF TSO/E REXX PROCEDURES

Explanation: The Mainframe Adapter Server is attempting to intercept output from a TSO/E REXX procedure but could not open the output data set 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 IRXPARMs that specifies that TSO/E REXX should use a non-standard ddname for output. SYSTSPRT, the IBM default, is assumed if the Mainframe Adapter Server is unable to load and check the IBM-supplied load module, IRXPARMs.

Action: Ensure that the ddname indicated in the message is pre-allocated by the Mainframe Adapter 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 data set.) If a DD statement IS already present in the start-up JCL, ensure that this ddname 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 Mainframe Adapter Server termination. However, any errors encountered while executing this procedure cannot be successfully reported.

The variable fields of the message text are:

ddn	ddname required for TSO/E REXX executions
value	hexadecimal read-out of ddname value

SDB0346I NETWORKBUFFERSIZE OPTION INADEQUATE FOR SQLMAXCOLUMNS-VALUE, RAISED TO var1

Explanation: The NETWORKBUFFERSIZE must be adequate to hold an SQLDA with the maximum number of columns allowed, as specified by SQLMaxColumns. The exact formula is:
 $NETWORKBUFFERSIZE \geq SQLMaxColumns * 44 + 16$

Action: The NETWORKBUFFERSIZE is raised to the size computed by the above formula and then rounded to a 1K (1024) byte boundary.

The variable fields of the message text are:

var1	New Networkbuffersize value
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SDB0347I DSNREXX DB2 REXX interface not found, ADDRESS DSNREXX support not activated

Explanation: The load module DSNREXX for REXX interface to DB2 was not found. Support for this API is not activated. Initialization continues normally.

Action: Support for ADDRESS DSNREXX is not enabled. This is not necessarily an error, unless DSNREXX support is needed.

SDB0350S 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 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

SDB0351S 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

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

SDB0353S 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 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

SDB0354S CICS rsrcce 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:

rsrcce resource name value

SDB0355I CICS SUPPORT TERMINATING

Explanation: This is an informational message that is issued when the product terminates its CICS support. If the CICS support is being terminated due to a fatal error condition, this message will have been preceded 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 CICS support continues to terminate due to a fatal error condition, contact NEON Systems Technical Support for further assistance.

SDB0356I CICS SUPPORT ACTIVATED

Explanation: This message is issued when the product CICS Mainframe Adapter 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.

SDB0357I EXCI SUPPORT TERMINATING

Explanation: This is an informational message that is issued when the product terminates its EXCI support. If the EXCI support is being terminated due to a fatal error condition, this message will have been preceded 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, contact NEON Systems Technical Support for further assistance.

SDB0358I EXCI SUPPORT ACTIVATED

Explanation: This message is issued when the product EXCI Mainframe Adapter 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.

SDB0359T 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 Technical Support for assistance.

The variable fields of the message text are:

text the text of the message

SDB0360S 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
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SDB0361I %1 OF %2 SESSIONS CONNECTED TO %3

Explanation: This message specifies the number of active sessions to the specified CICS.

Action: None. This is an informational message only.

SDB0362I NO ACTIVE SESSION TO %1

Explanation: This message specifies that there is currently no active session to the specified CICS.

Action: None. This is an informational message only.

SDB0363T ACQUISITION OF SESSION TO %1 FAILED

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

Action: None. This is an informational message only.

SDB0364I SDBRTRU IS STARTED AND ENABLED

Explanation: The CICS Task Related User Exit For Broker is started and enabled in the CICS region.

Action: None. This is an informational message only.

SDB0380T ABEND IN SHADOW/REXXTOOLS DYNALLOD INTERCEPT CMP=cmpr, RS=rsrd, SVC-99-PLIST=addr

Explanation: An unexpected abend has occurred within the REXXtools dynamic allocation interception/screening routine.

Action: The abend is percolated for handling by REXXtools.

The variable fields of the message text are:

cmpr	abend completion code
rsrd	abend reason code
addr	DYNALLOD Request Block Pointer word address

SDB0400S 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 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:

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

SDB0401S 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

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

SDB0402S 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 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

SDB0403S 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
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SDB0404I RRS SUPPORT TERMINATING

Explanation: This is an informational message that is issued when the product terminates its RRS support. If the RRS support is being terminated due to a fatal error condition, this message will have been preceded 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 RRS support continues to terminate due to a fatal error condition, contact NEON Systems Technical Support for further assistance.

SDB0405I RRS SUPPORT ACTIVATED

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

Action: None. This is an informational message only.

SDB0406H 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 Technical Support for assistance.

The variable fields of the message text are:

text the text of the message

SDB0407E 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: Ensure that MVS is at level OS/390 2.4 or above and that RRS is included in the operating system.

SDB0408E 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 support will not be available until Shadow can successfully connect to RRS.

Action: Ensure that the RRS subsystem is up and running. If the RRS subsystem is not up and running, start it.

SDB0409E 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 support will not be available until Shadow can successfully reconnect to RRS.

Action: Ensure that the RRS subsystem is up and running. If the RRS subsystem is not up and running, start it.

SDB0410E 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 that should not occur. Contact Neon Systems Technical Support for assistance.

SDB0411E TRANS: token FROM host - REQUESTED trans1 BUT WAS HEURISTI-CALLY trans2

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

Action: This situation may need to be corrected manually. The data that was committed on MVS may need to be backed out, and the data sources may need to be 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:

token	the XID token provided by the Mainframe Adapter Client side transaction manager
host	host name
trans1	COMMIT or BACKOUT
trans2	BACKED OUT or COMMITTED

SDB0413E 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 data set member.

SDB0414E RRS RECOVERY TABLE SIZE EXCEEDED - TRANSACTION 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 RRS Recovery Table, specified by the Shadow parameter RECTABLEENTRIES. If this parameter is not specified, the value defaults to 400 entries.

SDB0415E INCOMPATIBLE NEON SUPPLIED DRIVER ON Mainframe Adapter Client SYSTEM - TRANSACTION ABORTED'

Explanation: An incompatible NEON-supplied ODBC driver was encountered on the Mainframe Adapter Client system.

Action: Download the latest NEON-supplied driver for the Mainframe Adapter Client system at www.neonsys.com, or contact NEON Systems technical support for assistance.

SDB0416E 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: Contact NEON Systems Technical Support for the latest information regarding how to bypass this problem.

SDB0417E RRS IS NOT ACTIVATED FOR THIS Mainframe Adapter Server - XA TRANS-ACTION ABORTED.'

Explanation: When this Mainframe Adapter Server was initialized, either it 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 Mainframe Adapter Server was initialized and correct any associated problems.

SDB0418I RRS2PCALL OPTION SET TO YES

Explanation: The DB2ATTACHFACILITY was set to RRSAF, and the operating system is at or above OS/390 Release 2.8. In this environment, COMMIT UR and BACKOUT UR must be used instead of COMMIT and ROLLBACK for all DB2 operations. See IBM APAR PQ30146 for further information.

Action: Change the initialization parameters to set the RRS2PCALL option to YES.

SDB0420E TWO-PHASE COMMIT SUPPORT WAS REQUESTED, BUT DB2ATTACHFACILITY PARAMETER NOT SET TO RRSAF

Explanation: When this Mainframe Adapter Server was initialized, DB2ATTACHFACILITY was set to call Attach Facility instead of Recoverable Resource Attach Facility (RRSAF). Two-phase commit cannot be supported unless RRSAF is specified.

Action: Restart this Mainframe Adapter Server with the DB2ATTACHFACILITY=RRSAF specified.

SDB0421E ERROR IN TWO-PHASE trans PROCESS. RRS RETURN CODE = rc

Explanation: Two-phase commit was requested for all transactions from this task. RRS returned an error code indicating that the commit was not successful.

Action: Check the return code from the RRS ATRCMIT function in the IBM manual titled OS/390 Programming: Resource Recovery.

The variable fields of the message text are:

trans	COMMIT or BACKOUT
rc	RRS return code

SDB0422E RRS RECOVERY TABLE COUNT NEGATIVE, RESET TO ZERO

Explanation: The RRS Recovery Table entry count was found to be negative during XA-RECOVER processing. The entry count was reset to zero.

Action: There may be some XA transactions that were left in an incomplete state, leftover from a communication line disconnect or host system crash.

SDB0423T ACCESS TO DATA SOURCES THROUGH SHADOW ENTERPRISE TRANSACTIONS IS NOT AUTHORIZED

Explanation: The product is not authorized for use with Shadow Enterprise Transactions. The current request has been rejected, and the current host session terminated.

Action: Contact NEON Systems at 281-491-4200 to obtain a new license code that will enable access to Shadow Enterprise Transactions.

SDB0425E IBM/MQSERIES/RRS SUPPORT ENTRY entry IN MODULE mod MISSING

Explanation: An IBM/MQSeries support entry was missing from the module specified. There is an incompatibility between the MQSeries library provided and Shadow MQSeries/RRS support.

Action: Ensure that the library provided is the standard IBM library, or contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

entry	missing support entry point
mod	IBM/MQSeries module name

SDB0426S IBM/MQSERIES/RRS SUPPORT MODULE mod MISSING - NO TWO-PHASE COMMIT SUPPORT PROVIDED

Explanation: The specified IBM/MQSeries support module is necessary for two-phase commit support for MQSeries. Processing will continue without MQSeries two-phase commit support.

Action: Check the IBM/MQSeries library, defined in the Shadow procedure. It may be an old version.

The variable fields of the message text are:

mod	IBM/MQSeries module name
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SDB0427I AUTOSTATICDEFER PARAMETER RESET TO NO BECAUSE RRS AF SELECTED AS DB2ATTACHFACILITY

Explanation: With RRS AF, CLOSE CURSOR cannot be deferred. This parameter was reset.

Action: None necessary.

SDB0428T CREATION OF RRS PRIVATE CONTEXT FAILED - CONNECTION TERMINATED. CALL: type - R15: return - R0: reason

Explanation: With Shadow RRS support active and Private Contexts selected, Shadow creates an RRS Private Context immediately when the session connects. The RRS calls to do this failed.

Action: Check to be sure that the IBM RRS facility is active and not generating errors.

The variable fields of the message text are:

type	RRS Call Type
return	RRS Return Code
reason	RRS Reason Code

SDB0480S MQSERIES SUPPORT DEACTIVATED - ACCESS ROUTINES CANNOT BE LOADED

Explanation: During initialization MQSERIES access modules could not be loaded from either SDBMQSLB or STEPLIB.

Action: The Mainframe Adapter Server deactivates MQSERIES support and continues start-up processing. Check to ensure you have an SxxMQSLB DD JCL statement in the Mainframe Adapter Server start-up JCL.

SDB0500E 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.

SDB0501E service OF desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a variety of Query Mainframe Adapter 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 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

SDB0502E ss DIRECTORY TABLE ENTRY EXISTS

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

Action: Determine if a Query Mainframe Adapter Server address space is currently active with this subsystem name. If so, change the subsystem name and restart (if it is necessary to start another Query Mainframe Adapter Server address space). If no other Query Mainframe Adapter Server is active with this subsystem name, contact NEON Systems Technical Support for assistance.

SDB0503E NO ERLY EXISTS FOR DB2 %1

Explanation: During initialization, no ERLY control block was found for the named DB2 subsystem. 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 Mainframe Adapter Server continues with initialization but ignores all information relating to the named DB2 subsystem. If this DB2 is the only DB2 subsystem to be served by this Query Mainframe Adapter Server, you will need to do one of the following: (1) stop and restart this Query Mainframe Adapter Server after correcting the DEFINE verb in the input statements or (2) modify the Query Mainframe Adapter Server parameters online after initialization completes.

SDB0504E %1 DB2 OWNED BY ANOTHER QUERY Mainframe Adapter Server

Explanation: During initialization, the DB2 subsystem identified in the message was found in the directory entry of an existing Query Mainframe Adapter Server on this MVS image.

Action: The Query Mainframe Adapter Server continues with initialization but ignores all information relating to the named DB2 subsystem.

SDB0505E %1 DB2 SEARCH ERROR

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

Action: The Query Mainframe Adapter Server continues with initialization but ignores all information relating to the named DB2 subsystem.

SDB0506E %1 NEON PC RESET FAILED

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

Action: The Query Mainframe Adapter Server continues with initialization but ignores all information relating to the named DB2 subsystem.

SDB0507E %1 NEON PC RESET FAILED

Explanation: During initialization, the ETE entry for this Query Mainframe Adapter Server and this DB2 was found to be pointing to an unidentifiable object. It was not NEON code.

Action: The Query Mainframe Adapter Server continues with initialization but ignores all information relating to the named DB2 subsystem.

SDB0508E %1 NEON PC ENTRY UNKNOWN

Explanation: During initialization, the ETE entry for this Query Mainframe Adapter Server and this DB2 was found to be pointing to code that was unidentifiable.

Action: The Query Mainframe Adapter Server continues with initialization.

SDB0509E %1 DB2 QUERY Mainframe Adapter 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 Mainframe Adapter Server continues with initialization but ignores all information relating to the named DB2 subsystem.

SDB0510E %1 DB2 QUERY Mainframe Adapter Server %2 ERROR

Explanation: The Query Mainframe Adapter Server main task for the named DB2 system encountered an error from the common subroutine. Either ECB WAIT or STIMER.

Action: The Query Mainframe Adapter Server main task terminates for the named DB2 subsystem.

SDB0511E %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 Mainframe Adapter Server continues with initialization but ignores all information relating to the named DB2 subsystem.

SDB0512I %1 DB2 MAIN TASK PC RESET ERROR

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

Action: The Query Mainframe Adapter Server termination continues.

SDB0513I %1 NEON MAIN TASK TERM PC ERROR

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

Action: The Query Mainframe Adapter Server termination continues.

SDB0514I QUERY Mainframe Adapter Server TABLE PREFIX %1 ERROR

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

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

SDB0515E MAXIMUM NUMBER OF DB2 SUBSYSTEMS PREVIOUSLY DEFINED. MAX = %1. DEFINE FOR DB2 SSID %2 IGNORED.

Explanation: During initialization, the input parameter data set contains more DB2 subsystem statements than the maximum allowable set by default or by QSMAXDB2.

Action: All parameter statements pertaining to this DB2 subsystem are ignored.

SDB0516E DUPLICATE DB2 SUBSYSTEM DEFINITION FOR DB2 SSID %1

Explanation: During initialization, the input parameter data set contains more than one DEFINE for the same DB2 subsystem id.

Action: All parameter statements within the subsequent DEFINE for this DB2 are ignored.

SDB0517E RETURN CODE %1 FROM ALESERV ADD OF DB2 DBM1 FOR %2

Explanation: During initialization, the Query Mainframe Adapter Server needs to add the DB2 DBM1 address space to its PASN-AL. The ALESERV ADD function was unsuccessful.

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

SDB0518E TERMINATION WAITING ON DB2 STATUS TASK FOR %1

Explanation: Termination processing is waiting for the named DB2 status task to complete.

Action: The Query Mainframe Adapter Server termination processing waits.

SDB0519E MAXIMUM NUMBER OF QUERY Mainframe Adapter Server ADDRESS SPACES ARE ALLREADY ACTIVE. MAX POSSIBLE %1. CURRENTLY ACTIVE %2

Explanation: During initialization for this address space, no open entry existed within the directory table. This address space cannot complete initialization. The default is eight (8) Query Mainframe Adapter Server address spaces per MVS image.

Action: Contact NEON Systems Technical Support for assistance.

SDB0520E MAXIMUM NUMBER OF DB2 SYSTEMS ARE ALL READY ACTIVE. MAX POSSIBLE %1. DB2 %3.

Explanation: During initialization of the Query Mainframe Adapter Server address space, the DB2 status task found that the DB2 directory table did not contain an open entry. Address space initialization will continue, but the named DB2 is not connected to the Query Mainframe Adapter Server. There is a

default of 32 possible DB2 systems connected to all Query Mainframe Adapter Server address spaces on one MVS image.

Action: Contact NEON Systems Technical Support for assistance.

SDB0521S DB2 subsystem STATUS TASK ABEND abcd AT +off DURING desc

Explanation: This error message describes an abend that occurred during DB2 status task 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. After problem resolution, the Query Mainframe Adapter Server will have to be restarted to connect the named DB2 system. Contact NEON Systems Technical Support to obtain additional assistance.

The variable fields of the message text are:

subsysid	DB2 subsystem id
abcd	abend code
off	module offset
desc	description (e.g. FIND ERLY ROUTINE)

SDB0600S IMS/OTMA XCF request FAILED, RC=rc RS=rscd IMS=imsid

Explanation: This is a generic error message used to describe a wide variety of IMS/OTMA 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 to obtain additional assistance.

The variable fields of the message text are:

request	XCF request type
rc	XCF return code
rscd	XCF reason code
imsid	OTMA IMS ssid

SDB0601S service OF desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of IMS/OTMA 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 to obtain additional assistance.

The variable fields of the message text are:

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

SDB0602I IMS/OTMA Mainframe Adapter Server WAITING OTMA INIT FOR IMS SSID=%1

Explanation: This message indicates that the IMS/OTMA Transaction Mainframe Adapter Server is waiting for initialization of the selected IMS subsystem. This message is informational and issued periodically when OTMA support is waiting for IMS subsystem startup to occur.

Action: Determine why the IMS subsystem is unavailable. Start the IMS subsystem to allow OTMA support to be enabled. If this message is issued in error, contact NEON Systems Technical Support for assistance.

SDB0603I IMS/OTMA Mainframe Adapter Server INIT IN PROGRESS FOR IMS SSID=%1

Explanation: This message indicates that the IMS/OTMA Transaction Mainframe Adapter Server initialization is in progress for the selected IMS subsystem.

Action: None. This message is informational.

SDB0604I IMS/OTMA Mainframe Adapter Server INIT COMPLETE FOR IMS SSID=imsid USING XCF MEMBER xcfid

Explanation: This message indicates that the IMS/OTMA Transaction Mainframe Adapter Server initialization has been successfully completed for the the selected IMS subsystem.

Action: None. This message is informational.

The variable fields of the message text are:

imsid	the IMS identifier defined
xcfid	the xcf member defined

SDB0605I IMS/OTMA Mainframe Adapter Server HAS DETECTED OTMA TERM FOR IMS SSID=%1

Explanation: This message indicates that the IMS/OTMA Transaction Mainframe Adapter Server has detected IMS terminating OTMA support. This message is issued when it has been determined that IMS is leaving the XCF OTMA group. This may be due to IMS termination, a /STOP OTMA command, or OTMA abnormal termination. Shadow IMS/OTMA Mainframe Adapter Server will wait for IMS to restart OTMA support and continue processing OTMA request activity.

Action: None. This message is informational.

SDB0606I IMS/OTMA Mainframe Adapter Server TERM IN PROGRESS FOR IMS SSID=%1

Explanation: This message indicates that the IMS/OTMA Transaction Mainframe Adapter Server is terminating for the selected IMS subsystem. This message is issued during product termination.

Action: None. This message is informational.

SDB0607I IMS/OTMA Mainframe Adapter Server TERM COMPLETE FOR IMS SSID=%1

Explanation: This message indicates that the IMS/OTMA Transaction Mainframe Adapter Server has completed termination for the selected IMS subsystem. This message is issued during product termination.

Action: None. This message is informational.

SDB0700H WLMCLASSSPM specified, other WLM classification options ignored

Explanation: The Mainframe Adapter Server S___IN00 initialization exec contains conflicting parameters for WLM work classification. WLMCLASSSPM has been specified with other WLMCLASS* parameters. The other parameters will be ignored.

Action: Change the S___IN00 member to remove the conflicting parameter specifications.

SDB0900E service OF ddncb 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, or (4) parsing of the command failed.

Action: Depending on which of the above cases pertains, take one of the following actions: (1) check for a message indicating why the file failed to open or close (most likely, 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 SDBCOMP or SWSCOMP DD (it may not be allocated properly - e.g. 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; or (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, IKJ-PARS
ddncb	ddname (for open/close), control block name (all other cases)
rc	return code

SDB0901E 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, either 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, data set 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

SDB0902E CANNOT FIND PROGRAM pgmname ddn var1

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

Action: Ensure the program name being executed exists in one of the SYSEXEC concatenated data sets (for SDBI or SWSI) or in the data set specified on the SDBX or SWSX command. Check the spelling of the program name.

The variable fields of the message text are:

pgmname	program name
ddn	ddname
var1	none

SDB0903E ERROR 43 request caller, LINE lineno: 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:

request	type of compiler request
caller	name of calling program
lineno	calling program line number
routine	name of the missing routine

SDB0906I 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.

SDB0907S ABEND abcd OCCURRED AT csect+off OF PROGRAM pgm

Explanation: An abend occurred during the execution of a REXX program by the REXX interpreter (S__i or S__X TSO command). The name of the REXX program being executed at the time of the abend is 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

SDB0908E 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
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SDB0909E PROGRAM pgm - ARG LENGTH (length1) EXCEEDS MAXIMUM LENGTH (length2)

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 argument string. If so, remove the blanks from the argument string. If you need to pass long values to a REXX program, use global variables to pass the values.

The variable fields of the message text are:

pgm	program name
length1	length of argument string
length2	argument string implementation limit

SDB0911E MISSING REXX PROGRAM NAME

Explanation: The OI command was invoked using the TSO CALL command without a parameter field (containing the REXX program name to execute), or the OI command was invoked from within ISPF edit and the ISPF environment could not be established.

Action: If the OI command was invoked via the TSO CALL command, you must add the parameter field with a REXX program name (and optional arguments). Otherwise, contact NEON Systems Technical Support for assistance.

SDB0912E 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.

SDB0913E INVALID REXX PROGRAM DETECTED - text

Explanation: The REXX program name specified is invalid. It must be a valid PDS member name and cannot exceed eight (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
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SDB0914E UNKNOWN RETURN CODE FROM PARSE ROUTINE, RC=rc

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

Action: Contact Shadow Technical Support for assistance.

The variable fields of the message text are:

rc	return code
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SDB0915E BATCH OR TSO CALL PARAMETER STRING TOO LONG

Explanation: The parameter field passed to a batch program, or a program invoked by TSO CALL cannot exceed 100 characters.

Action: Reduce the length of the parameter string. Contact NEON Systems Technical Support to obtain additional assistance.

SDB0916E routine BUILT-IN FUNCTION NOT FOUND - CALLED BY caller

Explanation: A compatibility problem exists between the Shadow subsystem in use and the pre-compiled REXX program being re-loaded. A Shadow built-in 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 program 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 program

SDB0917E ERROR SAVING THE COMPILED OUTPUT IN %1

Explanation: An error occurred 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.

SDB0918E CANNOT SAVE PROGRAM pgm ddn var1

Explanation: The REXX interpreter (SDBICOMP or SWSICOMP TSO command processor) could not locate the required SDBCOMP or SWSCOMP ddname.

Action: Ensure that the SDBCOMP or SWSCOMP DD is allocated with a valid PDS before attempting the SDBICOMP or SWSICOMP command again.

The variable fields of the message text are:

pgm	program name
ddn	ddname
var1	none

SDB0919I SUCCESSFUL COMPILE AND SAVE OF pgm IN ddn

Explanation: THE REXX interpreter (SDBICOMP, SDBXCOMP, SWSICOMP or SWSXCOMP commands) was successful in compiling and saving the REXX program.

Action: None. This message is informational only.

The variable fields of the message text are:

pgm	program name
ddn	ddname

SDB0920E REBUILD FAILED FOR COMPILED REXX PROGRAM - pgm

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

Action: Check for other accompanying error messages. You may have to delete the compiled version of the program and recompile it again, or execute the REXX source program.

The variable fields of the message text are:

pgm	program name
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SDB0921W ALLOCATION OF COMPILED LIBRARY (dsn) FAILED

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

Action: Make sure that the data set 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 data set name.

The variable fields of the message text are:

dsn	data set name specified in main panel
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SDB0922W 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.

SDB0923S COMPILE ALL FAILED - ERROR READING THE DIRECTORY OF dsn

Explanation: A COMPILE ONLY request was received for an entire PDS, but an error was detected while reading the directory.

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

The variable fields of the message text are:

dsn data set name

SDB0990E 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. In that case, the program or rule should be recompiled and then re-executed. If the error occurred in any other case, contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

pgmname REXX program name

SDB0991E 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 0998E for additional information. Otherwise, contact NEON Systems Technical Support for further assistance.

The variable fields of the message text are:

pgmname REXX program name

SDB0997T Ino' TRACE MESSAG

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

Action: None. This message is informational only.

The variable fields of the message text are:

Ino REXX program line number

SDB0998E RUNNING pgmname LINE Ino: COMPILER WORK SPACE OVERFLOW (value1 value2)

Explanation: The rule or program 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, the work space size may be too small. In the rule environment, the SEFSIZE parameter needs to be increased, and Shadow must be restarted. In the case of a 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
value1	amount of work space requested
value2	amount of work space available

SDB0999E STAX ind 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 to obtain additional assistance.

The variable fields of the message text are:

ind	indicator to show type of STAX macro call (ON or OFF)
rc	return code from STAX macro (from reg 15)

SDB1000I text

Explanation: The Shadow message used for SAY statements.

Action: None. This message is informational only.

The variable fields of the message text are:

text	the text of the REXX SAY statement.
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SDB1004I 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 message will force the language processor to immediately cease execution.

Action: None. This message is informational only.

The variable fields of the message text are:

process	compiling or running
pgmname	REXX program name
lno	REXX program line number

SDB1005I ERROR 5 process pgnameE, 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: (1) the external data queue is full or (2) 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
pgnameE	REXX program name
lno	REXX program line number

SDB1006I ERROR 6 var1 var2, LINE Ino: UNMATCHED "/" OR QUOTE

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

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

The variable fields of the message text are:

var1	none
var2	none
Ino	REXX program line number

SDB1007I ERROR 7 process pgmname, LINE Ino: 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
Ino	REXX program line number

SDB1008I ERROR 8 process pgmname, LINE Ino: UNEXPECTED 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
Ino	REXX program line number

SDB1009I ERROR 9 process pgmname, LINE Ino: UNEXPECTED 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 construct by leaving off an END instruction, or an attempt may have been made to branch to it with a SIGNAL instruction (which cannot work because 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
Ino	REXX program line number

SDB1010I ERROR 10 process pgmname, LINE Ino: UNEXPECTED OR UNMATCHED END

Explanation: Either there are more ENDS in the program than DOs and SELECTs or the ENDS are wrongly placed so they do not match the DOs and SELECTs. It may be useful to use trace scan to show the structure of the program; hence, making 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
Ino	REXX program line number

SDB1011I ERROR 11 process pgmname, LINE Ino: 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 or due to 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
Ino	REXX program line number

SDB1012I ERROR 12 process pgmname, LINE Ino: 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 the 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
Ino	REXX program line number

SDB1013I ERROR 13 process pgmname, LINE Ino: INVALID CHARACTER IN PROGRAM

Explanation: The program includes a character outside the literal quoted string that neither alphanumeric nor one of the acceptable special characters.

Action: Examine the line in error, and correct the invalid character.

The variable fields of the message text are:

process	compiling or running
pgmname	REXX program name
Ino	REXX program line number

SDB1014I ERROR 14 process pgmname, LINE Ino: 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
Ino	REXX program line number

SDB1015I ERROR 15 process pgmname, LINE Ino: INVALID HEXADECIMAL OR BINARY CONSTANT

Explanation: Hexadecimal 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 are allowed. Binary strings may only have blanks added at the boundaries of groups of four binary digits. Only the digits 0 and 1 are allowed. The error may also be caused by following a literal string either 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 it.

The variable fields of the message text are:

process	compiling or running
pgmname	REXX program name
Ino	REXX program line number

SDB1016I ERROR 16 process pgmname, LINE Ino: LABEL NOT FOUND

Explanation: A SIGNAL instruction has been executed, or an event occurred for which a trap was set, 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
Ino	REXX program line number

SDB1017I ERROR 17 process pgmname, LINE Ino: UNEXPECTED 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 the line, correct the problem, and rerun the program.

The variable fields of the message text are:

process	compiling or running
pgmname	REXX program name
Ino	REXX program line number

SDB1018I ERROR 18 process pgmname, LINE Ino: 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
Ino	REXX program line number

SDB1019I ERROR 19 process pgmname, LINE Ino: 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 that is needed.

The variable fields of the message text are:

process	compiling or running
pgmname	REXX program name
Ino	REXX program line number

SDB1020I ERROR 20 process pgmname, LINE Ino: 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
Ino	REXX program line number

SDB1021I ERROR 21 process pgmname, LINE Ino: 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
Ino	REXX program line number

SDB1022I ERROR 22 process pgmname, LINE Ino: 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

SDB1024I ERROR 24 process pgmname, LINE lno: INVALID TRACE REQUEST

Explanation: The setting specified on a trace instruction or as the argument 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

SDB1025I 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

SDB1026I ERROR 26 process pgmname, LINE lno: INVALID WHOLE NUMBER

Explanation: One of the following either did not evaluate to a whole number or is greater than the implementation limit for these uses: (1) the expression for digits or fuzz in the numeric instruction, (2) a parsing positional parameter, (3) a repetition phrase of a DO clause, or (4) the right-hand of the POWER("**") operator. 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

SDB1027I 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 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

SDB1028I ERROR 28 process pgmname, LINE Ino: 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 transfer 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
Ino	REXX program line number

SDB1029I ERROR 29 process pgmname, LINE Ino: ENVIRONMENT 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
Ino	REXX program line number

SDB1030I ERROR 30 process pgmname, LINE Ino: NAME OR STRING TOO LONG

Explanation: This error results if there is an implementation limit that is exceeded for the length of a variable name, a label name, or a literal string.

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
Ino	REXX program line number

SDB1031I ERROR 31 process pgmname, LINE Ino: 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 (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
Ino	REXX program line number

SDB1033I ERROR 33 process pgmname, LINE Ino: 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: Contact Shadow Technical Support for assistance.

The variable fields of the message text are:

process	compiling or running
pgmname	REXX program name
lno	REXX program line number

SDB1034I 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

SDB1035I 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, fix the problem, and then rerun.

The variable fields of the message text are:

process	compiling or running
pgmname	REXX program name
lno	REXX program line number

SDB1036I 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, fix the problem, and then rerun.

The variable fields of the message text are:

process	compiling or running
pgmname	REXX program name
lno	REXX program line number

SDB1037I 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, fix the problem, and then rerun.

The variable fields of the message text are:

process	compiling or running
pgmname	REXX program name
lno	REXX program line number

SDB1038I ERROR 38 process pgmname, LINE Ino: INVALID TEMPLATE OR PATTERN

Explanation: Within a parsing template, either 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, fix the problem, and then rerun.

The variable fields of the message text are:

process	compiling or running
pgmname	REXX program name
Ino	REXX program line number

SDB1039I ERROR 39 process pgmname, LINE Ino: EVALUATION STACK OVERFLOW

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

Action: Examine the program, simplify the expression, and then rerun.

The variable fields of the message text are:

process	compiling or running
pgmname	REXX program name
Ino	REXX program line number

SDB1040I ERROR 40 process pgmname, LINE Ino: INCORRECT CALL TO ROUTINE

Explanation: The specified built-in or external routine does exist but has been used incorrectly. Either invalid arguments were passed to the routine, the program invoked was not compatible 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 it.

The variable fields of the message text are:

process	compiling or running
pgmname	REXX program name
Ino	REXX program line number

SDB1041I ERROR 41 process pgmname, LINE Ino: BAD ARITHMETIC CONVERSION

Explanation: Either one of the terms involved in an arithmetic operation is not a valid number or its 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
Ino	REXX program line number

SDB1042I ERROR 42 process pgmname, LINE Ino: ARITHMETIC 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

SDB1043I ERROR 43 process pgmname, LINE lno: ROUTINE NOT FOUND

Explanation: A function that has been invoked within an expression cannot be found, or a subroutine that has been invoked by call 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 typed incorrectly, or 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 built-in 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

SDB1044I 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

SDB1045I 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

SDB1046I 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

SDB1048I 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; 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

SDB1049I ERROR 49 process pgmname, LINE lno: INTERPRETATION 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

SDB1064I ERROR 64 process pgmname, LINE lno: UNIMPLEMENTED 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 the 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

SDB1066I ERROR 66 process pgmname, LINE lno: AMPERSAND 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

SDB1067I ERROR 67 process pgmname, LINE Ino: DUPLICATE 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
Ino	REXX program line number

SDB1068I ERROR 68 process pgmname, LINE Ino: 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
Ino	REXX program line number

SDB1069I ERROR 69 process pgmname, LINE Ino: 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
Ino	REXX program line number

SDB1070I ERROR 70 process pgmname, LINE Ino: 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
Ino	REXX program line number

SDB1071I ERROR 71 process pgmname, LINE Ino: CODE VERSION 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. In this case, the program or rule should be recompiled and then re-executed. In all other cases, 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

SDB1072I ERROR 72 process pgmname, LINE lno: FUNCTION RETURNED UNASIGNED 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

SDB1073I 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

SDB1074I 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

SDB1075I 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

SDB1076I ERROR 76 process pgmname, LINE Ino: 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
Ino	REXX program line number

SDB1077I ERROR 77 process pgmname, LINE Ino: 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 subroutines as separate members.

The variable fields of the message text are:

process	compiling or running
pgmname	REXX program name
Ino	REXX program line number

SDB1080I ERROR 80 process pgmname, LINE Ino: 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 compatibility 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
Ino	REXX program line number

SDB1081I ERROR 80 process pgmname, LINE Ino: NOT SUPPORTED 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
Ino	REXX program line number

SDB1082I ERROR 82 process pgmname, LINE Ino: 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

SDB1083I ERROR 83 process pgmname, LINE lno: CODE BLOCK TOO LARGE, EVAL STACK FULL

Explanation: If this occurs during the compile phase, 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 if 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

SDB1084I ERROR 84 process pgmname, LINE lno: TOO MANY SYMBOLS, SYMBOL TABLE FULL

Explanation: If this occurs during the compile phase, 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

SDB1085I ERROR 85 process pgmname, LINE lno: INVALID USE OF EXTENDED VARIABLE TYPE

Explanation: The REXX program has attempted to use a variable in a manner that is not supported. This could occur if a 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

SDB1086I ERROR 86 process pgmname, LINE lno: INVALID GLOBAL SYMBOL

Explanation: A 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

SDB1087I 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

SDB1088I ERROR 88 process pgmname, LINE lno: INTERPRETER 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

SDB1090I var1var2var3var4var5var6var7var8var9var10var11

Explanation: Message : SWS1090I REXX abend in OPRXCMRU+x'offset'. This message is normally accompanied by a 1049I message which relates to an error 49 in a given rule type.

Action: Check the given rule. 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 program, include a SAY statement to print the value of the given variable at the of the error. If the error is not related to variables, validate the given line, and take appropriate action. Parameters like BROWSEGLV could be used if this is a global variable rule error. See other browse parameters 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

SDB1091I 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
Ino	REXX program line number

SDB1092I ERROR 92 process pgmname, LINE Ino: OVER num 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 a Shadow limit exceeded condition. The maximum number of clauses allowed when recovering from a 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
Ino	REXX program line number
num	maximum number of clauses allowed in recovery

SDB1093E ERROR 93 process pgmname, LINE Ino: GLOBAL VARIABLE WORKSPACE OVERFLOW (parmval - wrkspc)

Explanation: A shared/permanent global variable or temporary global variable value cannot be stored successfully. This message may be issued under a number of circumstances if a global or global-temporary variable update/addition fails. The conditions causing this message to be issued are: 1) The number of global variables now allocated and in-use (GLOBALUSED or RXWSGVCN for temporary workspace) exceeds the maximum count limit configured by the GLOBALMAX (shared/permanent variables) or GLOBALTEMPMAX (temporary variables) parameters. You must use the ISPF 5.3 display Note that you must use the ISPF 5.3 panel display, selecting "RXWS GLVEVENT. WORK SPACE", in order to view RXWSGVCN and obtain the temporary workspace variable count. 2) There is insufficient free space anywhere within the global workspace to update or add a variable's value. The value requires multiple workspace segments (RXGV's) for storage and enough free RXGV's could not be found on the free element chain (RXWSFCCN / GLOBALFREEAREAS), or there was insufficient un-allocated space at the end of the workspace (RXWSLN / GLOBALSIZE minus RXWSNXFR / GLOBALNEXT). Contiguous RXGV freespace blocks are required for allocation of the value storage area. Note that the parameters GLOBALFREEAREAS, GLOBALSIZE, and GLOBALNEXT apply ONLY to the shared/permanent workspace. For the temporary workspace, you must examine the RXWS field value using the ISPF 5.3 "RXWS GLVEVENT. WORK SPACE" block display. No product parameters map these values for the temporary workspace. The word "TEMP" is inserted into the message as the last word (within final parentheses) if the TEMPORARY global workspace has overflowed. GLVEVENT. stem and internal-use SHADOW.SEP., !NEON0. through !NEON9. stem variables are allocated within the temporary global workspace. Otherwise, the word "TEMP" is not present in the message and it is the shared/permanent global workspace that has overflowed. GLOBAL., and GLOBAL0. through GLOBAL9. stem variables are in the shared/permanent workspace area.

Action: You may need to analyze the contents of the global variable database using the global variables application, product parameters, or the ISPF 5.3 RXWS displays. Use the ISPF 7.1 panel to remove unneeded permanent GLOBAL. stem variables. Otherwise, increase the GLOBALMAX or GLOBALTEMPMAX start-up parameters. If the workspace is too small, you may also need to (re) allocate a larger global variable checkpoint DIV dataset and copy the original DIV into the new one using Access Method Services REPRO. To prevent future out-of-space hard failures, set the warning threshold percentage (GLOBALWARNTRESH or GLOBALTEMPWARNTH) and interval (GLOBALWARNINTERVAL or GLOBALTEMPWARNIV) so that a threshold is established and reported

periodically via MSG 4290. Automate this message so that sufficient notification is given to prevent the out-of-space hard failure limit from being reached before the workspaces can be expanded.

The variable fields of the message text are:

process	compiling or running
pgmname	REXX program name
lno	REXX program line number
parmval	GLOBALMAX or GLOBALTEMPMAX parameter value
wrkspc	'TEMP' or ' ' to indicate type of workspace

SDB1094E ERROR 94 process pgmname, LINE lno: OVER sss 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
sss	time limit in seconds

SDB1095E ERROR 95 process pgmname, LINE lno: OVER num 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
num	maximum number of host commands allowed

SDB1096E ERROR 96 process pgmname, LINE lno: OVER num "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
Ino	REXX program line number
num	maximum number of SAY statements allowed

SDB1097E ERROR 97 process pgmname, LINE Ino: OVER num 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
Ino	REXX program line number
num	maximum number of clauses allowed

SDB1098I Ino' TRACE MESSAG

Explanation: Informational message only. This message gives the output from the REXX TRACE command.

Action: None. This message is informational only.

The variable fields of the message text are:

Ino	REXX program line number
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SDB1099I stmt

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:

stmt	REXX program statement/pointer
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SDB1100S RETRY LIMIT CONVERSION ERROR - VALUE SPECIFIED = value

Explanation: An error was detected while trying to convert the character representation of the specified retry limit to its integer counterpart.

Action: Review the retry limit specification contained in the error message. If the specified retry limit contains an invalid value, correct the error, and re-invoke the DSN command. If all attempts at correcting the specified retry limit fail, contact NEON Systems Technical Support for further assistance.

The variable fields of the message text are:

value	character retry limit value
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SDB1101S TEST LEVEL CONVERSION ERROR - VALUE SPECIFIED = value

Explanation: An error was detected while trying to convert the character representation of the specified test level, to its integer counterpart.

Action: Review the test level specification contained in the error message. If the specified test level contains an invalid value, correct the error, and re-invoke the DSN command. If all attempts at correcting the specified test level fail, contact NEON Systems Technical Support for further assistance.

The variable fields of the message text are:

value character test level value

SDB1102S subsys 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: If the subsystem name was specified on the SYSTEM() command argument, review the name, and 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 data set member ZAPDECP after updating the REP control card. If a local copy of the DSNHDECP parameters module was not found, the product will attempt to use the standard IBM default subsystem, DSN. For further assistance in providing the product with the correct subsystem name value, contact NEON Systems Technical Support.

The variable fields of the message text are:

subsys extracted subsystem name value

SDB1104S 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 nor a valid DB2 SSCT.

Action: If the subsystem name was specified on the SYSTEM() command argument, review the name, and 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 data set member ZAPDECP after updating the REP control card. If a local copy of the DSNHDECP parameters module was not found, the product will attempt to use the standard IBM default subsystem, 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

SDB1105S 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, contact NEON Systems Technical Support for further assistance.

SDB1106S subsys NOT OPERATIONAL, RETRY COUNT ZERO

Explanation: The SSCT for the product indicated that the product is not currently active.

Action: Determine if the product may have started and terminated abnormally. If so, review the accompanying messages in the SYSLOG. If the product did not terminate abnormally, issue the appropriate start command. If necessary, contact NEON Systems Technical Support for further assistance.

The variable fields of the message text are:

subsys subsystem name

SDB1110S 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

SDB1112S DISCONNECT FAILURE RC = rc REASON = rscd

Explanation: The attempt to disconnect from the remote DB2 subsystem 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

SDB1113S 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. Re-enter 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

SDB1114R text

Explanation: Module OPDSN10 issued the current message as a prompt for valid subcommand input.

Action: Respond with an appropriate subcommand name, or enter the END subcommand if processing is complete.

The variable fields of the message text are:

text subcommand prompt text string

SDB1115S ERROR ISSUING SUBCOMMAND PROMPT - RC = rc

Explanation: An error occurred either issuing the subcommand prompt or while waiting for valid subcommand input.

Action: Contact NEON Systems Technical Support for further assistance.

The variable fields of the message text are:

rc	return code
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SDB1117S 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. Re-enter 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
-----------	-------------

SDB1118S RUN SUBCOMMANDS CAN NOT HAVE A PROGRAM PARAMETER AND A CP PARAMETER

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, specify only the PROGRAM() parameter. If the program to be executed is a TSO command processor, specify only the CP parameter.

SDB1119S RUN SUBCOMMAND REQUIRES (1)PROGRAM PARAMETER OR (2)PLAN AND CP PARAMETER

Explanation: The RUN subcommand requires that either the PROGRAM parameter be specified or the PLAN and CP parameters be specified.

Action: Revise the subcommand string entered. If the program to be executed is not a TSO command processor, specify only the PROGRAM() parameter. If the program to be executed is a TSO command processor, specify the PLAN and CP parameters.

SDB1120S DSNRLI func FUNCTION FAILED. RC = rc REASON = rscd

Explanation: The RRSF 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:

func	RRSAF function
rc	RRSAF return code
rscd	RRSAF reason code

SDB1121I PLEASE WAIT...CONNECTION RETRY IN PROGRESS

Explanation: The remote DB2 subsystem is currently not active and a RETRY() value greater than one (1) was specified. The connection request will be retried.

Action: No action required.

SDB1122I COMMAND SPUFI IGNORED, VALID ISPF ENVIRONMENT MUST EXIST

Explanation: The SPUFI subcommand requires that a valid ISPF environment exist.

Action: Re-invoke the DSN command from within ISPF. If the error persists, contact NEON Systems Technical Support for further assistance.

SDB1123S 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. Re-enter 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.

SDB1126S 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

SDB1127S 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

SDB1129R 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.

SDB1130S ERROR ISSUING TSO COMMAND PROMPT - RC = rc

Explanation: An error occurred either while issuing the TSO command prompt or while waiting for valid TSO command input.

Action: Contact NEON Systems Technical Support for further assistance.

The variable fields of the message text are:

rc	return code
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SDB1131S cmd NOT VALID COMMAND

Explanation: The TSO command entered is not a valid command.

Action: Correct the value specified and re-enter 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

SDB1132S 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 re-enter 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

SDB1133S MODULE pgm NOT FOUND

Explanation: The module name specified on the PROGRAM() parameter of the RUN subcommand could not be found.

Action: Correct the value specified, and re-enter 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

SDB1134S 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. If the error persists, contact NEON Systems Technical Support for further assistance.

SDB1135S 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. If the error persists, contact NEON Systems Technical Support for further assistance.

SDB1136S STAX EXIT INTERNAL LOGIC ERROR

Explanation: OPDSN01 - the STAX manager determined that an attempt was made either to remove the STAX exit environment when one did not exist or to establish the STAX exit environment when one already existed.

Action: Contact NEON Systems Technical Support for further assistance.

SDB1137S 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

SDB1138I SET_Mainframe Adapter Client_ID CALL FAILED - DB2 NOT AT PROPER MAINTENANCE LEVEL OR RELEASE. SUBSYSTEM: DB2

Explanation: A Mainframe Adapter Client requested a SET_Mainframe Adapter Client_ID command be issued to DB2. This is usually invoked via the SQLESETI Mainframe Adapter Client function. However, DB2 rejected the request. This probably is due to APAR PQ67691 (or its equivalent) being applied.

Action: This is not a serious problem. The DB2 DISPLAY THREAD display just will not contain additional information that was supplied by the Mainframe Adapter Client.

The variable fields of the message text are:

DB2	subsystem name
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SDB1154S 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 had the wrong length, invalid operands, or the wrong format.

Action: Review the command string entered. Revise the command string, if appropriate. Re-enter 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.

SDB1163S 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
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SDB1250I var1 var2

Explanation: The message id used to display parameter value requested with an S__PARM command.

Action: None. This message is informational only. *

The variable fields of the message text are:

var1	none
var2	none

SDB1255E 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
-------------	----------------

SDB1256E 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 are used merely for display purposes and cannot be reset at all. 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
-------------	----------------

SDB1257E 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
-------------	----------------

SDB1258E 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

SDB1259E PARAMETER parm POINTS TO UNINITIALIZED ENUMERATED VALUE IN cb AT addr

Explanation: During a parameter display operation, a product parameter table entry pointed to an uninitialized field within a product control block. The field should be initialized with one of the valid values enumerated for the parameter.

Action: The product parameter's value is displayed as "**INTERNAL-ERROR**", and processing continues.

The variable fields of the message text are:

parm	parameter field name
cb	target control block name
addr	address of parameter data field

SDB1262I text1 text2

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:

text1	group description string
text2	group name string

SDB1263E prefixparmvalsuffix

Explanation: This message is never meant to be seen. It is used by OPPAFU to convert product parameters to printable character strings.

Action: If you see this message, an internal error has occurred. Contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

prefix	prefix string
parmval	parameter value
suffix	suffix string

SDB1264W 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.

SDB1265W WARNING: parm PARAMETER (value) 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 three levels of qualification (two levels if the name ends with .com, .edu, .net, .org, .gov, .mil, or .int) are usually required to ensure that HTTP cookies are stored and later retransmitted properly.

Action: The parameter is accepted but is always folded to a lowercase string. The Mainframe Adapter Server's built-in browser-based administration utilities require HTTP cookies for proper operation. These administration utilities may not function correctly using the host domain name string now set.

The variable fields of the message text are:

parm	name of HOSTDOMAIN parameter
value	lowercase value being set for host domain

SDB1266W WARNING: parm PARAMETER (value) MAY CAUSE INCONSISTENT OPERATION USING HTTP COOKIES

Explanation: The host domain name parameter contains a dot-notation format IP address. Browser anomalies may arise that cause HTTP cookies to be stored improperly or retransmitted incorrectly when using a dot-notation host domain name value.

Action: The parameter is accepted. The Mainframe Adapter Server's built-in browser-based administration utilities require HTTP cookies for proper operation. These administration utilities may not function correctly using the host domain name string now set.

The variable fields of the message text are:

parm	name of HOSTDOMAIN parameter
value	value set for the host domain name

SDB1275S ABEND abcd IN AUTHORIZATION ROUTINE mod+off

Explanation: An abend occurred in the authorization checking routine.

Action: Contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

abcd	abend code
mod	module name
off	module offset

SDB1277S 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 information), and contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

cb	control block
-----------	---------------

SDB1281E 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

SDB1290H jb parm parmval

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:

parm	parameter field name
parmval	parameter field value

SDB1292E EXIT CODE exc IS INVALID FOR parm

Explanation: An invalid exit code has been defined in an internal product control block that defines a 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:

exc	exit code specified in oppy entry
parm	parameter field name

SDB1293E errdesc

Explanation: An attempt to set a 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
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SDB1294E desc OF process FOR PARAMETER CHANGE EVENT NOTIFICATION FAILED WITH RC=rc

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:

desc	service description
process	asynchronous process
rc	return or condition code

SDB1340I 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
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SDB1346E MESSAGE ID AND TEXT ARE TOO LONG

Explanation: While building a WTO or WTOR parameter list, S__ detected that the combined message id and message text exceeds the system limits. The limit for a WTO is 125 characters, and the limit for a WTOR is 122 characters.

Action: This could indicate an internal logic error within the product. Contact NEON Systems Technical Support for further assistance.

SDB1348E 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. Contact NEON Systems Technical Support for further assistance.

SDB1349I 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
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SDB1364S ss RETURN CODE = rc

Explanation: Some type of error occurred either 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, contact 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

SDB1370H jb code1 code2 mcsfgcnno time mgid 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:

code1	route codes
code2	descriptor codes
mcsfg	MCS flags
cnno	console number
time	time to wait if REPLY keyword coded
mgid	message id (defaults to S__1371I if MSGID keyword not coded)
text	message text

SDB1400S 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.

SDB1401S service CMD(mod) 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 information, and contact your local S__ support group for further assistance.

The variable fields of the message text are:

service	service name string
mod	module name string
rc	return code value

SDB1402S DIALOG MANAGER SERVICE 'service' ERROR, RC=rc

Explanation: An S__ internal routine called TSO to execute ISPSTART 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. For additional assistance, contact your local S__ systems programming support group

The variable fields of the message text are:

service	service name string
rc	return code

SDB1420S service OF DIRECTED LOAD LIBRARY (dsn) FAILED RC=rc

Explanation: The S__ ISPF application attempted to do a directed load based upon a parameter setting in the OPMS(ISPLLIBDSNAME).

Action: Check the data set name specified in the aforementioned parameter. After correcting the name, restart the Shadow Mainframe Adapter Server address space.

The variable fields of the message text are:

service	allocation or deallocation
dsn	failed data set name
rc	failed allocation return code

SDB1421E 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

SDB1423E errmsg

Explanation: Product security has denied the current user access to Trace Browse.

Action: If this an undesirable 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
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SDB1424E CURRENT cmd COMMAND NOT AUTHORIZED - errmsg

Explanation: Authorization check failed. The use of SDB/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:

cmd	command name
errmsg	error message string

SDB1441S 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

SDB1442S 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 assistance.

The variable fields of the message text are:

rc	return code
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SDB1443S COMMAND BUFFER INTERNAL FORMAT ERROR

Explanation: During an attempt to analyze the contents of the command buffer, it was determined that the command buffer had the wrong length, invalid operands, or the wrong format.

Action: Review the command string entered. Revise the command string, if appropriate. Re-enter 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.

SDB1444S parm PARAMETER req SPECIFIED WITH ARCHTYPE(parmval)

Explanation: The Trace Browse/view program was invoked with invalid parameters.

Action: Review the command string entered. Revise the command string, if appropriate. Re-enter 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:

parm	parameter in error
req	requirement for parameter value
parmval	value of ARCHTYPE parameter

SDB1445S 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 necessary control blocks for this validation. The request is aborted.

Action: This message indicates a 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

SDB1446S ISPF service 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, contact NEON Systems Technical Support for further assistance.

The variable fields of the message text are:

service	service name string
rc	return code value

SDB1447E MEMBER mem NOT FOUND

Explanation: A BLDL failed to find the specified member.

Action: Examine the data set concatenation to ensure that the proper libraries are allocated. If the error persists, contact NEON Systems Technical Support for further assistance.

The variable fields of the message text are:

mem	member
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SDB1448E func FAILED FOR MEMBER=mem RC=rc

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 data set for problems. Once the problem is corrected, restart the product.

The variable fields of the message text are:

func	current I/O operation
mem	member
rc	current I/O operation return code

SDB1449E ISPF LOADLIB AT VERSION %1, Mainframe Adapter Server LOADLIB AT %2, PLEASE CORRECT INCONSISTENCY

Explanation: The version of the load library allocated to ISPF is at a different release than that of the Mainframe Adapter Server.

Action: The Shadow Diagnostic facility will terminate. The library inconsistency should be resolved prior to invoking the ISPF application.

SDB1450H jb subsysid

Explanation: This message is used to provide an audit trail in Trace Browse when using the Trace Browse option of S__.

Action: None. This message is for audit trail purposes only.

The variable fields of the message text are:

subsysid	the product subsystem id
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SDB1451H jb subsysid ARCHIVE REVIEW dsn

Explanation: This message is used to provide an audit trail in Trace Browse when using the Trace Archive View function.

Action: None. This message is for audit trail purposes only.

The variable fields of the message text are:

subsysid	the product subsystem id
dsn	the archive data set name

SDB1452S ABEND abcd REASON reason OCCURRED IN %2+mod

Explanation: An abend occurred in the browse program.

Action: Check for other errors, and correct the problem. If unable to correct the problem, contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

abcd	abend code
reason	abend reason
mod	module name
off	module offset

SDB1453S service OF desc FAILED, RC=rc, DETECTED AT ad

Explanation: This is a generic error message used to describe a wide variety of product ISPF 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 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

SDB1454S servrtn errdesc FAILED, ABEND=abcd, REASON CODE=rscd

Explanation: This is a generic error message used to describe a wide variety of product ISPF 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

servrtn	service routine
errdesc	error description
abcd	abend code
rscd	reason code

SDB1500S 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 testing process.

SDB1501S 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
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SDB1502S 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 control card in the SYSIN input stream so that the combined total of all task maximum values found does not exceed 250.

SDB1503I 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: None. This message is informational only.

SDB1504I TASK pgm DISPATCHED num TIMES

Explanation: This is an informational message indicating that the test task specified in the message was dispatched a total of n times.

Action: None. This message is informational only.

The variable fields of the message text are:

pgm	test task program name
num	total number of task dispatches

SDB1600E 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: Ensure that 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.

SDB1601E 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: Ensure that the main product address space is active. Start or restart the main product address space, if necessary. Rerun the SQL application program from the beginning.

SDB1602E PRODUCT FAILED WHILE SQL APPLICATION PROGRAM 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: Ensure that the main product address space is active. Start or restart the main product address space, if necessary. Rerun the SQL application program from the beginning.

SDB1603E 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: Ensure that 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 DSNTIAR module, and rerun the DB2 application program.

SDB1700E 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

SDB1701I 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 assistance.

SDB1720E 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 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 to obtain additional assistance.

The variable fields of the message text are:

desc	description
func	current function (allocate or delete)
rc	return code

SDB1840E 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
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SDB1841E 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

SDB1842E errdesc1 ddn errdesc2

Explanation: The ddname specified on the EXECIO command is not allocated to the current job.

Action: Allocate the appropriate data set to the ddname, or change the ddname. Then, rerun the REXX program.

The variable fields of the message text are:

errdesc1	first part of error description
ddn	ddname specified on EXECIO command
errdesc2	final part of error description

SDB1843E ddn io FAILED, RC=rc, DETECTED AT ad

Explanation: Some type of error occurred during invocation of a 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 to obtain additional assistance.

The variable fields of the message text are:

ddn	ddname
io	I/O service
rc	return code

SDB1900E THIS IS NOT A BATCH EXECUTION ENVIRONMENT

Explanation: The utilities of Shadow are intended to run in batch only.

Action: Execute the utility as a batch program.

SDB1901E SHADOW SUBSYSTEM NAME IS NOT FIRST 4 CHARS OF PARAMETETER

Explanation: No subsystem name was passed on to the exec PGM=S__UTIL, PARM=S__.

Action: Add the parameter to identify the four character Shadow subsystem, and resubmit the batch job.

SDB1902E BATCH FUNCTION IS NOT SPECIFIED

Explanation: No function was requested on the utility execution.

Action: Add the utility name after the subsystem id (separated by a comma), and resubmit the job.

SDB1903E REQUESTED FUNCTION func IS NOT A VALID BATCH FUNCTION

Explanation: The function name requested is not valid.

Action: Add a valid function name, and resubmit the job.

The variable fields of the message text are:

func	batch function to execute
-------------	---------------------------

SDB1904E DDNAME ddn 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:

ddn	ddname
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SDB1905E DDNAME ddn FAILED TO OPEN, RC=rc

Explanation: The specified ddname failed to open.

Action: Correct the error, and resubmit the job.

The variable fields of the message text are:

ddn	ddname
rc	return code

SDB1906E READ ERROR OCCURRED ON DDNAME ddn, RC=rc

Explanation: The specified ddname had a read error.

Action: Correct the error, and resubmit the job.

The variable fields of the message text are:

ddn	ddname
rc	return code

SDB1907E WRITE ERROR OCCURRED ON DDNAME ddn, RC=rc

Explanation: The specified ddname had a write error.

Action: Correct the error, and resubmit the job.

The variable fields of the message text are:

ddn	ddname
rc	return code

SDB1908E 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.

SDB1909E IFILE IS REQUIRED - IT IDENTIFIES THE INPUT FILE FROM WHICH THE SOURCE IS READ

Explanation: An IFILE parameter is required.

Action: Correct the error, and resubmit the job.

SDB1910E OFILE IS REQUIRED - IT IDENTIFIES THE OUTPUT FILE TO WHICH THE RESULTS ARE WRITTEN

Explanation: An OFILE parameter is required.

Action: Correct the error, and resubmit the job.

SDB1911E UNABLE TO OBTAIN DS INFO ON DDNAME ddn, RC=rc

Explanation: The MVS OBTAIN failed for the specified ddname.

Action: Correct the error, and resubmit the job.

The variable fields of the message text are:

ddn	ddname that had the error
rc	return code from the OBTAIN service

SDB1912E DDNAME ddn READ DIRECTORY FAILED, RC=rc

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:

ddn	ddname
rc	return code

SDB1913E NO MEMBERS MATCH mask IN FILE ddn

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:

mask	the input mask
ddn	ddname of the input PDS

SDB1914E THE REQUESTED MEMBER mem IS NOT IN THE DDNAME ddn

Explanation: The requested member could not be found.

Action: Correct the error, and resubmit the job.

The variable fields of the message text are:

mem	the requested member
ddn	ddname of the input PDS

SDB1915E WHEN INPUT MEMBER IS "*", OUTPUT MEMBER MUST BE "*"

Explanation: When MEMBER(*) is specified, OMEMBER(*) is the only valid OMEMBER value.

Action: Correct the error, and resubmit the job.

SDB1916E OUTPUT MEMBER omem CONTAINS WILDCARD CHARACTERS

Explanation: The OMEMBER parameter cannot specify wildcard characters.

Action: Correct the error, and resubmit the job.

The variable fields of the message text are:

omem	the OMEMBER parameter
-------------	-----------------------

SDB1917E POINT SERVICE FAILED FOR DDNAME ddn, MEMBER mem

Explanation: When attempting to locate a member in a PDS, an error occurred.

Action: Correct the error, and resubmit the job.

The variable fields of the message text are:

ddn	ddname
mem	the member name

SDB1918I EXTRACT PROCESS IS BEGINNING FOR dsn, MEMBER mem

Explanation: The extract process is beginning.

Action: Once for each member extracted.

The variable fields of the message text are:

dsn	dsname
mem	the member name

SDB1919I LANGUAGE SELECTED IS language

Explanation: The language extract will be done for.

Action: Once for each member extracted.

The variable fields of the message text are:

language	language name
-----------------	---------------

SDB1920I MFS STATEMENT HAS LABEL BUT NO OPCODE LINE lineno.

Explanation: During extract processing, a statement was found with a label but no opcode existed.

Action: Correct the source code, and rerun the extract.

The variable fields of the message text are:

lineno	line number of the bad source statement
---------------	---

SDB1921I LINE lineno HAS POORLY FORMED LITERAL

Explanation: During extract processing, a statement was found with a literal that was poorly formed.

Action: Correct the source code, and rerun the extract.

The variable fields of the message text are:

lineno	line number of the bad source statement
---------------	---

SDB1922I LINE lineno HAS POORLY FORMED LITERAL

Explanation: During extract processing, a statement was found with a literal that was poorly formed.

Action: Correct the source code, and rerun the extract.

The variable fields of the message text are:

lineno line number of the bad source statement

SDB1923I TOO MANY (num) UNRECOGNIZED LINES TO PROCESS

Explanation: During extract processing, lines were found that were not recognizable as valid source lines.

Action: Correct the source code, or specify FORCE. Then, rerun extract.

The variable fields of the message text are:

num number of lines that were unrecognizable

SDB1924I THE FOLLOWING MEMBERS WILL BE PROCESSED AS language

Explanation: A member list was generated during parsing of source and will now be processed into data maps.

Action: None. This message is informational only.

The variable fields of the message text are:

language language name of the source members

SDB1925I THE FOLLOWING MEMBERS WILL NOT BE PROCESSED DUE TO reason

Explanation: A member list was generated during parsing of source and some members were excluded from processing.

Action: None. This message is informational only.

The variable fields of the message text are:

reason the reason it is not processed

SDB2020S desc FAILURE RC=rc

Explanation: An attempt to obtain or release storage on behalf of a Shadow subsystem data set failed.

Action: Ensure that the address space requesting Shadow subsystem data set services has a large enough region.

The variable fields of the message text are:

desc description (e.g. subsystem data set)
rc return code

SDB2021S 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 a Shadow subsystem data set be opened. This is not allowed.

Action: The subsystem data set 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)

SDB2022S UNKNOWN SUBSYS OPEN ENVIRONMENT ASID asid

Explanation: Shadow received an OPEN request for a subsystem data set and is unable to determine what environment the requesting address space is running in.

Action: The subsystem data set interface may only be used by TSO Mainframe Adapter Server started tasks.

The variable fields of the message text are:

asid	address space identifier
-------------	--------------------------

SDB2023S NO Mainframe Adapter Server BLOCK FOUND FOR USERID=jb

Explanation: Shadow received an OPEN request for a subsystem data set and found that the request was not from a TSO Mainframe Adapter Server address space initiated as an outboard Mainframe Adapter Server by the product.

Action: This is most likely an internal problem. Contact NEON Systems Technical Support for further assistance.

The variable fields of the message text are:

jb	jobname
-----------	---------

SDB2024S 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 assistance.

The variable fields of the message text are:

cnno	console id
jb	jobname of console owner
asid	ASID of console owner

SDB2025S INVALID SUBSYSTEM FILE COUNT cnt FOUND FOR USERID jb

Explanation: Shadow has detected an internal error during close processing for a subsystem data set. The count of open subsystem data sets for this address space has gone negative.

Action: Gather the available problem data, and contact your local Shadow systems programming group for assistance.

The variable fields of the message text are:

cnt	count of open subsystem data sets
jb	jobname

SDB2026S INVALID SUBSYSTEM FILE COUNT cnt FOUND FOR Mainframe Adapter Server jb

Explanation: Shadow has detected an internal error during close processing for a subsystem data set. The count of open subsystem data sets 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:

cnt	count of open subsystem data sets
------------	-----------------------------------

SDB2027S SUBSYS request cb VALIDATION ERROR - ADDRESS addr

Explanation: Shadow has detected an error validating system control blocks while processing an OPEN request for a Shadow subsystem data set control block.

Action: Gather the available problem data, and contact your local Shadow systems programming group for assistance.

The variable fields of the message text are:

request	OPEN
cb	control block name (e.g. ACB)
addr	address of the control block

SDB2028I SUBSYSTEM DATA SET OPEN REQUEST FROM jb

Explanation: Shadow has received a generic subsystem data set OPEN request.

Action: This message is for informational purposes only, no action is required.

The variable fields of the message text are:

jb	jobname
-----------	---------

SDB2029E CURRENT dsn OPEN REQUEST NOT AUTHORIZED - errmsg

Explanation: Authorization check failed. The use of subsystem data sets 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:

dsn	subsystem data set name
errmsg	error message string

SDB2030S 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

SDB2031W TSO Mainframe Adapter Server (procname) - SYSTSIN BLKSIZE = blksize1, USE blksize2

Explanation: The BLKSIZE specified on the SYSTSIN DD card in the TSO Mainframe Adapter Server started task JCL is one of the factors that limits the length of commands that can be sent to Mainframe Adapter 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 Mainframe Adapter Server started task procedure name
blksize1	current SYSTSIN BLKSIZE
blksize2	maximum SYSTSIN BLKSIZE

SDB2032T SUBSYSTEM DATA request (rqc) PROCESSED FOR DDNAME ddn - RC=rc

Explanation: The product's subsystem data set 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:

request	request name
rqc	request code
ddn	ddname of data set, if known
rc	return code set by SSI intercept routine

SDB2040T SRP RABND: SRVR NOT RESPONDING - ASID=asid ASCB=ascb TCB=tcb

Explanation: A request for service has been made to Mainframe Adapter 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 Mainframe Adapter 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 Mainframe Adapter Server task TCB will be cancelled.

The variable fields of the message text are:

asid	Mainframe Adapter Server task ASID
ascb	Mainframe Adapter Server task ASCB
tcb	Mainframe Adapter Server task TCB

SDB2041T SRP SFREE: RQSTR CANNOT BE POSTED - CODE=pc - ASID=asid TCB=tcb CNID=cnid TOKEN=token SMAF=addr

Explanation: A request for service has been made to a Mainframe Adapter Server subtask either inside or outside the main product address space. The Mainframe Adapter Server task is unable to post the requestor task because the task has ended.

Action: The Mainframe Adapter Server task continues without posting the requestor.

The variable fields of the message text are:

pc	post code
asid	requestor's ASID
tcb	requestor's TCB
cnid	requestor's CNID
token	requestor's token
addr	requestor's SMAF control block address

SDB2042T SRP RBIND: RC=rc CMTC=addr BEFORE=word1 AFTER=word2 TB=tb

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. This message is for diagnostic use only.

The variable fields of the message text are:

rc	Mainframe Adapter Server return code
addr	requestor's CMTC address
word1	control word before image
word2	control word after image
tb	trace back point

SDB2043T SRP RWAIT process: CMTC=addr BEFORE=word

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. This message is for diagnostic use only.

The variable fields of the message text are:

process	processing being performed
addr	requestor's CMTC address
word	control word before image

SDB2044T SRP RWAIT: RC=rc CMTC=addr BEFORE=word1 AFTER=word2 TB=tb

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. This message is for diagnostic use only.

The variable fields of the message text are:

rc	Mainframe Adapter Server return code
addr	requestor's CMTC address
word1	control word before image
word2	control word after image
tb	trace back point

SDB2045T SRP RVOKE process: CMTC=addr BEFORE=word

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. This message is for diagnostic use only.

The variable fields of the message text are:

process	processing being performed
addr	requestor's CMTC address
word	control word before image

SDB2046T SRP RVOKE: RC=rc CMTC=addr BEFORE=word1 AFTER=word2 TB=tb

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. This message is for diagnostic use only.

The variable fields of the message text are:

rc	Mainframe Adapter Server return code
addr	requestor's CMTC address
word1	control word before image
word2	control word after image
tb	trace back point

SDB2047T SRP RABND: RC=rc CMTC=addr BEFORE=word1 AFTER=word2 TB=tb

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. This message is for diagnostic use only.

The variable fields of the message text are:

rc	Mainframe Adapter Server return code
addr	requestor's CMTC address
word1	control word before image
word2	control word after image
tb	trace back point

SDB2048T SRP SBIND: RC=rc Mainframe Adapter Server=addr1 RQSTR=addr2 TB=tb

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. This message is for diagnostic use only.

The variable fields of the message text are:

rc	Mainframe Adapter Server return code
addr1	Mainframe Adapter Server's CMTC address
addr2	requestor's CMTC address
tb	trace back point

SDB2049T SRP SFREE: RC=rc Mainframe Adapter Server=addr1 RQSTR=addr2 TB=tb

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. This message is for diagnostic use only.

The variable fields of the message text are:

rc	Mainframe Adapter Server return code
addr1	Mainframe Adapter Server's CMTC address
addr2	requestor's CMTC address
tb	trace back point

SDB2050T SRP SPOST: RC=rc CODE=addr1 Mainframe Adapter Server=%3 RQSTR=addr2 TB=tb

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. This message is for diagnostic use only.

The variable fields of the message text are:

rc	Mainframe Adapter Server return code
pc	post code
addr1	Mainframe Adapter Server's CMTC address
addr2	requestor's CMTC address
tb	trace back point

SDB2082S ss PRODUCT FAILURE DETECTED

Explanation: While processing this request, product main command processing function detected an abnormal shutdown of the product.

Action: Check the abend, what caused it, and how to best restart the product. Resolve the current problem and continue.

SDB2083W ss OUTBOARD TSO Mainframe Adapter Server jb,ASID=asid FAILED

Explanation: Shadow End-Of-Memory (EOM) processing detected the unexpected termination of an outboard TSO Mainframe Adapter Server address space. The Mainframe Adapter Server should be restarted automatically by Shadow, providing that the Mainframe Adapter Server control limits have not been modified.

Action: You may want to determine why the Mainframe Adapter Server failed.

The variable fields of the message text are:

jb	jobname
asid	ASID

SDB2084E service oper1 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 outboard TSO Mainframe Adapter Server.

Action: Check the service and return codes, 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:

service	service name
oper1	service operand
rc	service return code

SDB2090I 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: None. This message is informational only.

SDB2100S usid init FAILED - ACF2 text 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. If Shadow came up before ACF2, make sure the Shadow parameter OSFSECURITY is not set to the value CHECKUSERID. Bring up ACF2, or resolve the above problem.

The variable fields of the message text are:

usid	userid string
init	initialization type string
text	substitution text

SDB2101S usid init FAILED - service RC=rc

Explanation: The product security function processing routine GETMAIN for some private storage failed. This storage is required for the processing of security control blocks.

Action: Review the above storage GETMAIN error. Determine 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:

usid	userid string
init	initialization type string
service	macro name string
rc	return code

SDB2103S usid rc FAILED - RACF CODES rscd text

Explanation: The product received an unknown return code from RACF.

Action: Check the related RACF errors, and validate the return code in the RACF Messages and Codes Manual. Contact your local systems programming group for assistance.

The variable fields of the message text are:

userid	userid string
rc	RACF return code
rscd	RACF reason code
text	RACF text string

SDB2104E userid init FAILED - reason

Explanation: During LOGON command security checking, the Shadow security function routine received a non-zero return code from the security package for the current userid.

Action: Check the security error for the userid. Correct the access problem, or contact your security administrator for further assistance.

The variable fields of the message text are:

userid	USERID string or description
init	initialization type string or description
reason	failure reason text

SDB2105I msg

Explanation: The Shadow security function routine received the "last logged on" message for the current userid from ACF2.

Action: None. This message is informational only.

The variable fields of the message text are:

msg	message text string
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SDB2106H userid init FOR cno AT t2 ON d2

Explanation: Shadow security function routine issued this informational message for the TSO address spaces.

Action: None. This message is informational only.

The variable fields of the message text are:

userid	userid string
init	initialization type string
cno	console id string

SDB2108E text1 text2 FAILED - RC=rc

Explanation: The product failed to extract the security product userid.

Action: Validate the current system situation. Ensure that 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

SDB2109E 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.

SDB2120I MEMBER mem - text

Explanation: The product copy utility has started copying members between PDSs.

Action: None. This message is informational only.

The variable fields of the message text are:

mem	current member name
text	informational text string

SDB2121S 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. Ensure that the data sets 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	data set name string

SDB2122I 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 (1)

SDB2200E 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

SDB2300E NLS SERVICE ROUTINE (OPTRTB) ABEND abcd, RS=rscd AT mod+off

Explanation: The NLS service routine detected an abend while processing a 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. Otherwise, contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

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

SDB2301I NLS INVOKED WITH INVALID FUNCTION CODE func

Explanation: The NLS service routine was invoked with an invalid function code.

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 for assistance.

The variable fields of the message text are:

func	function code in hex
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SDB2302I NO VALID MAPPING FOR code1 CODEPOINT code2 TO code3 - SUBSTITUTING code4

Explanation: The NLS service routine was invoked for conversion of a DBCS character stream to/from ASCII/EBCDIC. No valid DBCS codepoint is defined for the input DBCS code point.

Action: The DBCS codepoint is converted to a standard substitution character and the operation continues. Ensure that the character stream passed to the conversion routine contains only DBCS characters that have defined translation codepoint assignments. You may need to define an ASCII/EBCDIC codepoint entry during start-up for GAIJ codepoints or for codepoints not built in to the system.

The variable fields of the message text are:

code1	source encoding
code2	source codepoint in hex
code3	output encoding
code4	substitution (sub) codepoint used

SDB2303I UNEVEN BYTES IN PURE DBCS STRING - byte FOUND IN TRAILING POSITION - DISCARDED

Explanation: The NLS service routine was invoked for conversion of EBCDIC pure DBCS data. An uneven number of bytes were present in the input stream.

Action: Handling of the current DBCS conversion is completed by skipping the trailing, unmatched single byte.

The variable fields of the message text are:

byte	trailing byte
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SDB2304I NO TRAILING SHIFT-IN DELIMITER BEFORE END OF DBCS STRING - ASSUME SHIFT-IN WAS PRESENT

Explanation: The NLS service routine was invoked for conversion of EBCDIC mixed SBCS/DBCS string. While processing DBCS characters, the input stream was exhausted before a shift-in character was found. DBCS sequences should always be terminated by a trailing shift-in byte.

Action: Handling of the current DBCS conversion is completed by assuming that a shift-in character was present.

SDB2305I INVALID ENCODING PARAMETER (parm) DETECTED IN NLS E-TO-A ENCODING ROUTINE

Explanation: The NLS service routine was invoked for conversion of EBCDIC to ASCII. The encoding parameter is invalid.

Action: The Mainframe Adapter Server assumes ISO-8859-1 SBCS EBCDIC to ASCII conversion.

The variable fields of the message text are:

parm encoding parameter

SDB2306I DESTRUCTIVE OVERLAP DETECTED IN SBCS E-TO-A OR A-TO-EENCODING ROUTINE

Explanation: The NLS service routine was invoked for EBCDIC to ASCII or ASCII to EBCDIC encoding of SBCS data. Overlap of the input and output areas was detected. The encoding request is aborted by deliberate generation of an SOC3 abend.

Action: This is probably a logic error. Contact NEON Systems Technical Support for assistance.

SDB2307I NO NLS TABLE FOUND FOR ASCII/EBCDIC MAPPING CODE table

Explanation: The NLS service routine was invoked to look up an NLS EBCDIC to ASCII or ASCII to EBCDIC translation table. The requested table was not found.

Action: Ensure that valid values are set for the Mainframe Adapter Server ASCII/EBCDIC MAPPING and CHARACTERENCODING parameters. Check for other messages which indicate whether a non-default setting was selected during processing of the current transaction. Also, check the ISPF 5.19 display for a list of coded character sets that are defined to the system. The Mainframe Adapter Server will continue the operation using the built-in ENU ASCII/EBCDIC MAPPING table for SBCS operations and will set the CHARACTERENCODING to ISO-8859-1.

The variable fields of the message text are:

table NLS table name

SDB2308I NO BUILT-IN NLS TABLE FOUND FOR code1 (table)

Explanation: The NLS service routine was invoked to encode or decode data which contains a multi-byte character set algorithm. A built-in NLS character set conversion table was not present.

Action: The encode/decode operation is aborted by deliberate generation of an SOC3 abend. Check for reasons why the built-in table described in the message is undefined to the system.

The variable fields of the message text are:

code1 character encoding scheme
table built-in table name

SDB2309I UNPAIRED code DBCS LEAD-BYTE value SKIPPED BY DECODER

Explanation: The NLS service routine was invoked to decode data which contains a multi-byte character set algorithm. A single byte was found which should be the first byte of a two-byte DBCS character sequence; however, no more input bytes were present.

Action: The decode routine skips the invalid DBCS lead-byte and omits it from the EBCDIC result.

The variable fields of the message text are:

code	character encoding scheme
value	invalid byte value

SDB2310I UNSUPPORTED ESCAPE SEQUENCE sq FOR code

Explanation: The NLS service routine was invoked to decode data which contains multi-byte character sets including escape sequences. The escape sequence reported in the message is not supported by the Mainframe Adapter Server.

Action: The decode routine copies the escape sequence and converts it to SBCS EBCDIC.

The variable fields of the message text are:

sq	escape sequence located in input
code	character encoding method

SDB2311I UTF-8 var1 NOT SUPPORTED FOR NLS var2 - ASSUMING HOST CODE PAGE IS "ENU"

Explanation: The NLS service routine was invoked to decode or encode a UTF-8 data stream. The Mainframe Adapter Server does not support UTF-8 data streams for the selected EBCDIC host code page.

Action: The routine assumes the EBCDIC host code page is set to ENU (IBM-1047). This may lead to incorrect results when the input or output stream has been processed.

The variable fields of the message text are:

var1	"decoding" or "encoding"
var2	current host code page designation

SDB2312I BYTE var1 IS AN INVALID UTF-8 BYTE - SKIPPING TO NEXT BYTE OF STREAM

Explanation: The NLS service routine was invoked to decode a UTF-8 data stream. An invalid lead-byte value has been found in the UTF-8 stream (x80-xBF, or xF8-xFF). The decoder will skip over the offending byte and ATTEMPT to re-orient at the next input byte position.

Action: The decode operation continues at the next input stream position. This may lead to additional errors or incorrect decoding of the stream.

The variable fields of the message text are:

var1	invalid lead byte value
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SDB2320, BCS Conversion Bypassed for Parameter var1: var2

Explanation: The DBCS Dynamic Conversion Service bypassed conversion of the specified parameter to graphic for the reason listed. The operation will be passed on to DB2 which will most likely issue an SQLCODE = -301 error.

Action: This is a programming error in the Mainframe Adapter Client application.

The variable fields of the message text are:

var1	Parameter Number
var2	Reason

SDB2401E db2id connect function ERROR, RC=rc REASON=reason

Explanation: DB2 Event Publisher Collector received an unexpected failure return code from a CAF or RRSAF function

Action: Refer to the DB2 Messages and Codes for further details on the error. Message 2402 may be issued as well.

The variable fields of the message text are:

db2id	db2 name of event publisher source
connect	connection type
function	CAF/RRSAF function
rc	return code
reason	reason code

SDB2402E db2id : message

Explanation: DB2 Event Publisher Collector received an unexpected failure return code from a CAF or RRSAF function

Action: Refer to the DB2 Messages and codes for further details on the messages.

The variable fields of the message text are:

db2id	db2 name of event publisher source
message	db2 message

SDB2403E connect MODULE MISMATCH FOR DB2 SYSTEM db2id

Explanation: DB2 Event Publisher Collector received a return code 4 and reason code 00C10823 attempting to create a CAF or RRSAF connection to the specified DB2.

Action: Correct the STEPLIB used by Shadow to point to the highest level version of DB2

The variable fields of the message text are:

connect	connection type
db2id	db2 name of event publisher source

SDB2404E USERID userid DOES NOT HAVE AUTHORITY TO ACCESS DB2 %1

Explanation: DB2 Event Publisher Collector received a return code 8 and reason code 00F30013 attempting to create a CAF or RRSAF connection to the specified DB2.

Action: Correct the DEFINE PUBLISH statement to specify a userid authorized to access the particular DB2.

The variable fields of the message text are:

userid	specified userid
db2id	db2 name of event publisher source

SDB2405E DB2 SYSTEM db2id NOT DEFINED

Explanation: DB2 Event Publisher Collector received a return code 8 and reason code 00F30006 attempting to create a CAF or RRSAF connection to the specified DB2.

Action: Correct the DEFINE PUBLISH statement *

The variable fields of the message text are:

db2id	db2 name of event publisher source
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SDB2406T db2id connect ISSUED, RC=rc REASON=reason

Explanation: Trace Event Publisher DB2 CAF and RRSAP return codes

Action: None

The variable fields of the message text are:

db2id	db2 name of event publisher source
connect	connection type
rc	return code
reason	reason code

SDB2407E PUBLISH SOURCE db2id USERID usid LOGON FAILED rc1 rc2 rscd -

Explanation: The DEFINE PUBLISH TYPE(DB2) USER specified could not be logged on.

Action: The Event Publisher routine is aborted. Ensure that the userid specified is correct.

The variable fields of the message text are:

db2id	the publish source db2 system name
usid	the USERID parameter value
rc1	the security module return code
rc2	the RACF (SAF) return code
rscd	the RACF (SAF) reason code
msg	error message text from RACF (SAF)

SDB2408E EVENT PUBLISHER PLAN plan NOT DEFINED TO db2id

Explanation: Return code 8 Reason code 00F30040 received attempting to open the specified plan,

Action: The Event Publisher source task is aborted. Ensure that the specified plan is bound.

The variable fields of the message text are:

plan	The plan to be used by Event Publisher
db2id	the publish source db2 system name

SDB2409I srctype %2 EVENT PUBLISHER SOURCE TASK NOW STARTING

Explanation: DEFINE PUBLISH TYPE(DB2) task starting

Action: None

The variable fields of the message text are:

srctype	the publish source type
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SDB2410I EVENT PUBLISHER DESTINATION TASK FOR destid STARTING

Explanation: DEFINE PUBLISH DESTINATION task starting

Action: None

The variable fields of the message text are:

destid	the publish destination name
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SDB2411W PUBLISH - service OF desc FAILED, RC=rc

Explanation: The product tried to initialize or a Publish task during product initialization or termination. An internal service routine called during Publish task 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 Publish task initialization or termination problem. 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 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

SDB2412I EVENT PUBLISHER taskid TASK FOR destid TERMINATING

Explanation: DEFINE PUBLISH task terminating

Action: None

The variable fields of the message text are:

taskid	the task type
destid	the publish destination name

SDB2413T data1 data2 data3 data4 data5 data6 data7 data8 data9

Explanation: Trace Event Publisher DB2 routines

Action: None

The variable fields of the message text are:

data1	trace data
data2	trace data
data3	trace data
data4	trace data
data5	trace data
data6	trace data
data7	trace data
data8	trace data
data9	trace data

SDB2414W UNABLE TO FIND DATASET NAME FOR DDNAME ddname

Explanation: Event Publisher destination is unable to access the Dataset name for the listed DD name, which contains XML formatting information.

Action: None

The variable fields of the message text are:

ddname	the ddname that failed
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SDB2415E CANNOT SERIALIZE ON db2id PLAN plan QUALIFIER qualifier

Explanation: It appears that another Shadow is using the same Event Publisher DB2 tables that this Shadow wishes to use.

Action: None

The variable fields of the message text are:

db2id	db2 system
plan	plan
qualifier	table qualifier in the plan

**SDB2416S EVENT PUBLISHER SUPPORT NOT LICENSED - IT CANNOT BE INITIAL-
IZED AND IS DISABLED**

Explanation: During start-up, the Mainframe Adapter Server determined that Event Publisher tasks were desired even though the Event Publisher feature is not licensed.

Action: The Event Publisher feature is disabled. Start-up processing continues.

SDB2417E INVALID RETURN FROM EVENT PUBLISHER RULE ruleid 'retval'

Explanation: An SEF rule for a Event Publisher event provided a syntactically invalid return value. The event was not Published.

Action: Correct the SEF rule and retry.

The variable fields of the message text are:

ruleid	SEF rule name
retval	invalid RETURN value from the rule

**SDB2418E PUBLISH ITEM rowid FOR SOURCE srcid - error - STATUS=status RC=rc
REASON=reason DIAG=diag %8 - FAILED**

Explanation: Error attempting to Publish an update for the particular item.

Action: Attempt to correct the error

The variable fields of the message text are:

rowid	keyfield of the update
srcid	id of the source
error	error text
status	status code
rc	return code
reason	reason code
diag	further diagnostic information

**SDB2419E PUBLISH DESTINATION dest FAILURE error - STATUS=status RC=rc REA-
SON=reason DIAG=diag %7 - WILL RETRY**

Explanation: Error attempting to Publish an update for the particular item.

Action: Attempt to correct the error

The variable fields of the message text are:

dest	name of the destination
error	error text
status	status code
rc	return code
reason	reason code
diag	further diagnostic information

SDB2420E DB2 db2id CONTENTION ON table CODE -sqlcode - WILL RETRY LATER

Explanation: Timeout detected trying to access one of the Event Publisher tables.

Action: None - the Event Publisher will retry the request

The variable fields of the message text are:

db2id	db2 system id
table	table name
sqlcode	sql return code

SDB2421E DUPLICATE PUBLISH OF keyfield (HTX) TO destination IGNORED

Explanation: An Event Publisher rule tried to ship the same update more than once to a particular destination. Only the first instance was published.

Action: Correct the SEF rule.

The variable fields of the message text are:

keyfield	
HTX	package
destination	

SDB2422E MACHINE machine (machine) IS USING UNKNOWN PROTOCOL 'requested'

Explanation: A saved ODBC generated destination is requesting an unsupported protocol. The destination is ignored.

Action: Contact Neon Systems for assistance

The variable fields of the message text are:

machine	id
machine	index
requested	protocol

SDB2423E MACHINE machine (machine) DOES NOT HAVE A SAVED URL

Explanation: A saved ODBC generated TCP/IP destination does not have a saved URL.

Action: Have the Mainframe Adapter Client process reissue the ENABLETRANSMISSIONS ODBC call. If problem persists contact Neon Systems for assistance.

The variable fields of the message text are:

machine	id
machine	index

SDB2424E MACHINE machine (machine) INVALID URL 'URL' - detailed

Explanation: A saved ODBC generated TCP/IP destination have an invalid saved URL.

Action: Have the Mainframe Adapter Client process reissue the ENABLETRANSMISSIONS ODBC call. If problem persists contact Neon Systems for assistance.

The variable fields of the message text are:

machine	id
machine	index
URL	
detailed	error code

SDB2425E WORKTABLE UPDATE FOR keyfield destination FAILED - ROW NO LONGER EXISTS

Explanation: A deferred status for the publication of a particular item could not be reflected into the worktable because the row describing the item no longer exists.

Action: Ignore if the row was deleted while the status was outstanding. If problem persists contact Neon Systems for assistance.

The variable fields of the message text are:

keyfield	
destination	machine

SDB2426E MACHINE machine (machine) DOES NOT HAVE A SAVED MQ NAME

Explanation: A saved ODBC generated MQSeries destination does not have a saved target MQ name.

Action: Have the Mainframe Adapter Client process reissue the ENABLETRANSMISSIONS ODBC call. If problem persists contact Neon Systems for assistance.

The variable fields of the message text are:

machine	id
machine	index

SDB2427E task task TASK NOT STARTED - NOT LICENSED FOR feature

Explanation: The specified publish task was not licensed and thus could not be started.

Action: Ensure that 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.

The variable fields of the message text are:

task	name
task	type
feature	

SDB2428E task SOURCE TASK PARAMETER MQREPLYQNAME mqreplyqname IGNORED - NOT LICENSED FOR MQSERIES

Explanation: The DEFINE PUBLISH SOURCE statement specified a MQSeries reply QNAME but MQSeries is not licensed.

Action: Ensure that 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. Or remove the MQREPLYQNAME keyword from the DEFINE PUBLISH statement.

The variable fields of the message text are:

task	name
mqreplyqname	

SDB2429E NON-REPORT MQ MESSAGE RECEIVED ON mqreplyqname (start) - IGNORED

Explanation: An MQSeries message other than a status report was received on the MQREPLYQNAME.

Action: Ensure that the MQREPLYQNAME MQSeries Q is not used for anything other than SEP as an MQREPLYQNAME.

The variable fields of the message text are:

mqreplyqname	
start	of the text

SDB2430E source MQSeries MQ FAILURE ON mqreplyqname RC=return REASON=reason - error

Explanation: An unexpected MQSeries failure occurred when attempting to record report messages to the WorkFile.

Action: Ensure that the MQREPLYQNAME was properly defined in the MQSeries catalog.

The variable fields of the message text are:

source	name
MQ	function
mqreplyqname	
return	code
reason	code
error	description

SDB2431I CICS SHADOW EVENT PUBLISHER exitname EXIT ENABLED

Explanation: The Shadow Event Publisher CICS Global User Exit has been enabled during CICS PLTPI phase three initialization.

Action: None. This is an informational message only.

The variable fields of the message text are:

CICS	jobname
exitname	

SDB2432E UNRECOGNIZED MQ REPORT MESSAGE RECEIVED ON mqreplyqname (correlation)

Explanation: An MQSeries report message had an unrecognized correlation id value.

Action: Ensure that the MQREPLYQNAME MQSeries Q is not used for anything other than SEP as an MQREPLYQNAME.

The variable fields of the message text are:

mqreplyqname	
correlation	id

SDB2433I CICS LOADING SHADOW EVENT PUBLISHER EVENT DEFINITION TABLE - tablename

Explanation: The Shadow Event Publisher PLTPI program is about to load the table that defines the events of interest. This table must be assembled and defined to CICS by the Shadow Event Publisher user.

Action: None. This is an informational message only.

The variable fields of the message text are:

CICS	jobname
tablename	

SDB2434I CICS INQUIRING SHADOW EVENT PUBLISHER EVENT WORK FILE - file-name

Explanation: The Shadow Event Publisher PLT program is about to inquire for the attributes of the event work file.

Action: None. This is an informational message only.

The variable fields of the message text are:

CICS	jobname
filename	

SDB2435I CICS operation SHADOW EVENT PUBLISHER EVENT WORK FILE - file-name

Explanation: The Shadow Event Publisher PLT program is about to open or close the event work file.

Action: None. This is an informational message only.

The variable fields of the message text are:

CICS	jobname
operation	- OPENING CLOSING
filename	

SDB2436S CICS ERROR INQUIRING CICS SYSTEM INFORMATION FOR SHADOW EVENT PUBLISHER - EIBRESP: CICS

Explanation: The Shadow Event Publisher PLTPI program encountered an error inquiring CICS system information.

Action: Probable CICS error. Check the system log for errors.

The variable fields of the message text are:

CICS	jobname
CICS	EIB response code

SDB2437S CICS ERROR ENABLING SHADOW EVENT PUBLISHER EXIT PROGRAM program FOR EXIT exit - EIBRESP: CICS

Explanation: The Shadow Event Publisher PLTPI program encountered an error enabling a shadow event publisher exit program.

Action: Check that the exit program has been correctly defined to CICS.

The variable fields of the message text are:

CICS	jobname
program	name
exit	name
CICS	EIB response code

SDB2438S CICS ERROR EXTRACTING GWA ADDRESS FOR SHADOW EVENT PUBLISHER PROGRAM program - EIBRESP: CICS

Explanation: The Shadow Event Publisher PLTPI program encountered an error extracting the Global Work Area address for the exit program.

Action: Probable CICS error. Check the system log for errors.

The variable fields of the message text are:

CICS	jobname
program	name
CICS	EIB response code

SDB2439S CICS ERROR LOADING SHADOW EVENT PUBLISHER EVENT DEFINITION TABLE - table - EIBRESP: CICS

Explanation: The Shadow Event Publisher PLTPI program encountered an error loading the Shadow Event Publisher event definition table.

Action: Check that the table has been properly assembled and defined to CICS.

The variable fields of the message text are:

CICS	jobname
table	name
CICS	EIB response code

SDB2440S CICS SHADOW EVENT PUBLISHER EVENT WORK FILE NOT FOUND - filename - EIBRESP: CICS

Explanation: The Shadow Event Publisher PLTPI program encountered an error inquiring the event work file.

Action: Check that the file has been correctly allocated and defined to CICS.

The variable fields of the message text are:

CICS	jobname
filename	
CICS	EIB response code

SDB2441S CICS ERROR INQUIRING SHADOW EVENT PUBLISHER EVENT WORK FILE - filename - EIBRESP: CICS

Explanation: The Shadow Event Publisher PLTPI program encountered an error inquiring the event work file.

Action: Check that the file has been correctly allocated and defined to CICS.

The variable fields of the message text are:

CICS	jobname
filename	
CICS	EIB response code

SDB2442S CICS ERROR - REMOTE SHADOW EVENT PUBLISHER EVENT WORK FILE - filename

Explanation: The Shadow Event Publisher work file is defined to CICS as a remote file. This is not supported.

Action: Change the work file definition in CICS to local.

The variable fields of the message text are:

CICS	jobname
filename	

SDB2443S CICS ERROR - SHADOW EVENT PUBLISHER EVENT WORK FILE NOT ENABLED - filename

Explanation: The Shadow Event Publisher work file is not enabled.

Action: Use CICS resource definition to change file to enabled.

The variable fields of the message text are:

CICS	jobname
filename	

SDB2444S CICS ERROR operation SHADOW EVENT PUBLISHER EVENT WORK File - filename - EIBRESP: CICS

Explanation: The Shadow Event Publisher PLT program encountered an error opening or closing the event workfile.

Action: Check that the file has been correctly allocated and defined to CICS.

The variable fields of the message text are:

CICS	jobname
operation	- OPENING CLOSING
filename	
CICS	EIB response code

SDB2445S CICS ERROR operation SHADOW EVENT PUBLISHER EXIT PROGRAM program - EIBRESP: CICS

Explanation: The Shadow Event Publisher PLT program encountered an error starting or stopping the user exit program.

Action: Check that the exit program has been correctly defined to CICS.

The variable fields of the message text are:

CICS	jobname
operation	- STARTING STOPPING
program	name
CICS	EIB response code

SDB2446I CICS ENABLING SHADOW EVENT PUBLISHER EXIT PROGRAM program FOR EXIT exit

Explanation: The Shadow Event Publisher PLTPI program is about to enable the exit program.

Action: None. This is an informational message only.

The variable fields of the message text are:

CICS	jobname
program	NAME
exit	name

SDB2447I CICS operation SHADOW EVENT PUBLISHER EXIT PROGRAM program

Explanation: The Shadow Event Publisher PLT program is about to start or stop the exit program.

Action: None. This is an informational message only.

The variable fields of the message text are:

CICS	jobname
operation	- STARTING STOPPING
program	NAME

SDB2448I CICS SHADOW EVENT PUBLISHER EXIT PROGRAM program operation

Explanation: The Shadow Event Publisher global user exit program has been started or stopped.

Action: None. This is an informational message only.

The variable fields of the message text are:

CICS	jobname
program	NAME
operation	- STARTED STOPPED

SDB2449I CICS SHADOW EVENT PUBLISHER PROGRAM program ENTERED AT EXIT POINT exitname

Explanation: The Shadow Event Publisher global user exit program has been entered at the specified exit point.

Action: None. This is an informational message only.

The variable fields of the message text are:

CICS	jobname
program	NAME
exitname	

SDB2450I CICS SHADOW EVENT PUBLISHER EVENT TABLE ENTRY MATCH FOR TRANSACTION program

Explanation: The Shadow Event Publisher global user exit has matched the current transaction to an entry in the event definition table. The transaction and its associated data will be captured to the event file for publishing by the Shadow Event Publisher.

Action: None. This is an informational message only.

The variable fields of the message text are:

CICS	jobname
program	NAME
exitname	

SDB2451I CICS WRITING SHADOW EVENT PUBLISHER EVENT RECORD TO WORK FILE - workfile

Explanation: The Shadow Event Publisher global user exit is about to write an event record to the event file.

Action: None. This is an informational message only.

The variable fields of the message text are:

CICS	jobname
workfile	name

SDB2452S CICS ERROR WRITING SHADOW EVENT PUBLISHER RECORD TO EVENT FILE - filename - EIBRESP CICS

Explanation: The Shadow Event Publisher global user exit encountered an error writing a record to the event file.

Action: Check that the file has been correctly allocated and defined to CICS.

The variable fields of the message text are:

CICS	jobname
filename	
CICS	EIB response code

SDB2453S SHADOW EVENT PUBLISHER SDBCIWRK WORK FILE NOT ALLOCATED - SEP SOURCE TASK TERMINATED

Explanation: The Shadow Event Publisher global user exit is about to write an event record to the event work file.

Action: Check that the file has been correctly allocated and defined to CICS.

The variable fields of the message text are:

SEP	CICS Source name
------------	------------------

SDB2454E task task TASK NOT STARTED - MQSERIES NOT ACTIVE

Explanation: The specified publish task could not be started because MQSeries is not active.

Action: Ensure that MQSeries is active on the system and that the Shadow Event Publisher initialization exec sets the MQACTIVE parameter to YES.

The variable fields of the message text are:

task	name
task	type

SDB2455E task task EVENT FILE, DDNAME dd VERSION MISMATCH, EXPECTED expected, FOUND found

Explanation: The specified publish task could not be started because the EVENT file or the WORK file contained data with a version number that is not supported by this release.

Action: Ensure that the proper EVENT or WORK file is used with Shadow Event Publisher. Most likely, a later version was used to create the indicated file.

The variable fields of the message text are:

task	name
task	type
EVENT	or WORK
dd	name if WORK file
expected	version number
found	version number

SDB2456W task task WORK FILE, DDNAME dd percentage %% FULL

Explanation: The specified publish task WORK file has records that use the specified percentage of available space. It is possible that remaining space is lower than indicated by this message.

Action: Ensure that the WORK file has sufficient free space to continue normal operation.

The variable fields of the message text are:

task	name
task	type
dd	name of WORK file
percentage	

SDB2457E task task WORK FILE, DDNAME dd COMPLETELY FULL

Explanation: The specified publish task WORK file has been completely filled up with records, and VSAM has refused to write additional records. The Publish Source task has stopped.

Action: Make more space available to the WORK file. If additional extents may be allocated to the WORK file, make more space available on the volume(s) the WORK file is on.

The variable fields of the message text are:

task	name
task	type
dd	name of WORK file

SDB2458E SOURCE NAME task NOT FOUND

Explanation: No publish source task with the specified name has been found. The requested action was not completed.

Action: Enter a correct source task name in the request.

The variable fields of the message text are:

task	name
-------------	------

SDB2459I CICS SHADOW EVENT PUBLISHER EVENT DEFINITION TABLE LENGTH ERROR

Explanation: The Shadow Event Publisher global user exit is about to write an event record to the event file.

Action: None. This is an informational message only.

The variable fields of the message text are:

CICS	jobname
workfile	name

SDB2460S CICS WRITING NEW EVENT DEFINITION TABLE RECORD TO EVENT FILE - filename - CICS

Explanation: The Shadow Event Publisher global user exit is about to write an event definition table record to the event file.

Action: Check that the file has been correctly allocated and defined to CICS.

The variable fields of the message text are:

CICS	jobname
filename	
CICS	EIB response code

SDB2461S CICS SHADOW EVENT PUBLISHER EVENT DEFINITION TABLE RECORD READ

Explanation: The Shadow Event Publisher global user exit has successfully written a record to the event file.

Action: Check that the file has been correctly allocated and defined to CICS.

The variable fields of the message text are:

CICS jobname

SDB2462S CICS ERROR READING SHADOW EVENT PUBLISHER RECORD FROM EVENT FILE - filename - EIBRESP CICS

Explanation: The Shadow Event Publisher global user exit encountered an error reading a record from the event file.

Action: Check that the file has been correctly allocated and defined to CICS.

The variable fields of the message text are:

CICS jobname
filename
CICS EIB response code

SDB2463S CICS ERROR READING RECORD FROM TS QUEUE

Explanation: The Shadow Event Publisher global user exit encountered an error reading a record for a Temporary storage queue.

Action: Contact Neon Customer Support. defined to CICS.

The variable fields of the message text are:

CICS jobname

SDB2464S CICS ERROR WRITING TS QUEUE RECORD

Explanation: The Shadow Event Publisher global user exit encountered an error writing a record to a temporary storage queue.

Action: Contact Neon Customer Support. defined to CICS.

The variable fields of the message text are:

CICS jobname

SDB2465S CICS GETMAIN ERROR FOR RECORD WORK AREA

Explanation: The Shadow Event Publisher global user exit encountered an error getmaining storage to use as a record work area.

Action: Contact Neon Customer Support. defined to CICS.

The variable fields of the message text are:

CICS jobname

SDB2466W task task WORK FILE, DDNAME dd EXTENDED, NOW percentage %% FULL

Explanation: The specified publish task WORK file has records that use the specified percentage of available space. The percentage used has decreased, indicating that the dataset has been extended.

Action: Ensure that the volume containing the WORK file has sufficient free space to allow any additional extension of the WORK file needed to continue normal operation.

The variable fields of the message text are:

task	name
task	type
dd	name of WORK file
percentage	

SDB2467E More than one Event Table cannot be active for sourcetask. All active Event Tables follow.

Explanation: A Shadow Event Publisher source task has more than one Event Table marked active. Only one Event Table may be marked active at any time. A list of active Event Tables follows.

Action: Ensure that only one Event Table is marked active.

The variable fields of the message text are:

task	name
-------------	------

SDB2468E Event Publisher Source task, Event Table Event in map Map marked active.

Explanation: The specified publish source task has this Event Table marked active. Only one Event Table may be marked active at any one time.

Action: Ensure that only one Event Table is marked active.

The variable fields of the message text are:

task	name
Event	Table name
Map	name containing the table

SDB2469E Event Publisher Source task, Event Table Event in map Map,cannot find map Map.

Explanation: The specified Event Table for this source references a map that cannot be found, or is not active, or not enabled for event publishing.

Action: Ensure that the Event Table references active maps, and that each is enabled for event publishing.

The variable fields of the message text are:

task	name
Event	Table name
Map	name containing the table
Map	name which could not be found

SDB2470S SHADOW EVENT PUBLISHER IMS SOURCE TASK SEP NOT ACTIVATED - RRS NOT ENABLED

Explanation: The Shadow Event Publisher global IMS source task could not be activated because RRS was not enabled for this SEP Mainframe Adapter Server.

Action: Change the Mainframe Adapter Server initialization parameters to specify RRS(YES) and restart the Mainframe Adapter Server.

The variable fields of the message text are:

SEP	IMS Source name
------------	-----------------

SDB2471S CICS SHaDOW EVENT PUBLISHER TS QUEUE DELETED - CICS

Explanation: The Shadow Event Publisher global user exit has deleted the named temporary storage queues.

Action: None.

The variable fields of the message text are:

CICS	jobname
CICS	TS Queue name

SDB2500T source COPYWORK time time

Explanation: Event Publisher trace record. An Event has been copied from the trigger table to the Work file.

Action: None

The variable fields of the message text are:

source	The Source name
COPYWORK	
time	The time of the update
time	The time the record was copied

SDB2501T source RUNRULES

Explanation: Event Publisher trace record. The Event processor is running SEF rules for records in the Work file.

Action: None

The variable fields of the message text are:

source	The Source name
RUNRULES	

SDB2502T source DYNDEST time id idx

Explanation: Event Publisher trace record. An Event is being processed for a dynamic JCA 1.5 destination. The identifiers for the JCS 1.5 Adapter requestor are traced.

Action: None

The variable fields of the message text are:

source	The Source name
DYNDEST	
time	The KEYFIELD of the update
id	The Machine ID
idx	The Machine index number

SDB2503T dest SENDPLUP-RESTART

Explanation: Event Publisher trace record. Processing for an Event source is being restarted to a destination.

Action: None

The variable fields of the message text are:

dest	The Destination name
SENDPLUP-RESTART	

SDB2504T source MQMARK

Explanation: Event Publisher trace record. MQSeries processing for an Event source is marking the current status of update records.

Action: None

The variable fields of the message text are:

source	The Source name
MQMARK	

SDB2505T source SENDITEM dest time

Explanation: Event Publisher trace record. An Event is being queued for sending to a destination.

Action: None

The variable fields of the message text are:

source	The Source name
SENDITEM	
dest	The Destination name
time	The KEYFIELD of the update

SDB2506T source DOPRUNE time count

Explanation: Event Publisher trace record. Old Publish records are being pruned from the Workfile.

Action: None

The variable fields of the message text are:

source	The Source name
DOPRUNE	
time	The time of the pruning operation
count	The number of records pruned

SDB2507T source WAITABIT caller time SECONDS

Explanation: Event Publisher trace record. The Event Publisher task is waiting for more work.

Action: None

The variable fields of the message text are:

source	The Source name
WAITABIT	
caller	The subroutine that called the wait routine
time	The number of seconds to wait
SECONDS	

SDB2508T source PREPROC dest time

Explanation: Event Publisher trace record. The Event Publisher task is preprocessing an update for transmission to a destination.

Action: None

The variable fields of the message text are:

source	The Source name
PREPROC	
dest	The Destination name
time	The KEYFIELD of the update

SDB2509T source PREPROC **SKIP** time

Explanation: Event Publisher trace record. The Event Publisher task preprocessor has determined that an update should NOT be sent to any destination.

Action: None

The variable fields of the message text are:

source	The Source name
PREPROC	
SKIP	No Destination selected
time	The KEYFIELD of the update

SDB2510T source POSTPROC dest time rc

Explanation: Event Publisher trace record. The Event Publisher task is doing postprocessing for an update.

Action: None

The variable fields of the message text are:

source	The Source name
POSTPROC	
dest	The Destination name
time	The KEYFIELD of the update
rc	The status code of the update

SDB2520T ENABLETRANSMISSIONS dest name

Explanation: Event Publisher trace record. The Event Publisher is enabling transmissions to a dynamic destination for the JCA 1.5 interface.

Action: None

The variable fields of the message text are:

ENABLETRANSMISSIONS	
dest	The Destination name
name	The Machine name

SDB2521T DISABLETRANSMISSIONS dest name

Explanation: Event Publisher trace record. The Event Publisher is disabling transmissions to a dynamic destination for the JCA 1.5 interface.

Action: None

The variable fields of the message text are:

DISABLETRANSMISSIONS	
dest	The Destination name
name	The Machine name

SDB2530T ADDCOLUMN name value

Explanation: Event Publisher trace record. The Event Publisher JCA 1.5 Adapter interface is adding a column of Publish data.

Action: None

The variable fields of the message text are:

ADDCOLUMN	
name	The Column name
value	The Column value

SDB2531T ADDTOPIC name

Explanation: Event Publisher trace record. The Event Publisher JCA 1.5 Adapter interface is adding a topic for MQ Broker processing.

Action: None

The variable fields of the message text are:

ADDTOPIC	
name	The Topic name

SDB3000T ESTAE LEVEL level errdesc=abcd TIME=t2 SEQ=sqno CPU=cpu ASID=asid

Explanation: The 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, contact 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

SDB3001S func 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

func	current function
errdesc	error description
abcd	abend code
mod	module name
off	module offset

SDB3005S 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, contact 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

SDB3006T 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, contact 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

SDB3007T 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, contact 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

SDB3008T GPR regs reg1 reg2 reg3 reg4

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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

regs	register range
reg1	register contents
reg2	register contents
reg3	register contents
reg4	register contents

SDB3009T 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, contact 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

SDB3010T TOO MANY ENTRIES

Explanation: The product ESTAE routine detected an abend error. While producing the module call trace (message 3009T), the loop limit was reached. The product ceases to issue calling module trace messages and proceeds 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, contact NEON Systems Technical Support for assistance with this problem.

SDB3020S 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 are 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
----------------	--

SDB3021S 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 are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, contact your local product systems programming group for help with this problem.

The variable fields of the message text are:

num	string length maximum value
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SDB3022S 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 are sufficient to explain the problem, take whatever corrective action is

appropriate. Otherwise, contact your local product systems programming group for help with this problem.

SDB3030E 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, contact 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

SDB3031E ABEND abcd 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

abcd	abend code
servrtn	service routine
rscd	reason code

SDB3032T INVALID INPUT COMMUNICATION BUFFER PREFIX READ - blksize

Explanation: An invalid buffer prefix was read in from a Mainframe Adapter Client application. The buffer prefix was either negative or exceeded the maximum input buffer size.

Action: The connection to the Mainframe Adapter Client system is terminated. The Mainframe Adapter Client application will probably report an error. Check for any Mainframe Adapter Client system error messages. If the failure continues, contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

blksize	block size
----------------	------------

SDB3033T DATASPACE CREATED, NAME=dspc, CALLED BY cs

Explanation: An MVS dataspace was created for temporary storage of data. The space name is displayed.

Action: None. This message is informational only.

The variable fields of the message text are:

dspc	dataspace name
-------------	----------------

SDB3034T DATASPACE DELETED, NAME=dspc, CALLED BY cs

Explanation: An MVS dataspace was deleted. The space token is displayed.

Action: None. This message is informational only.

The variable fields of the message text are:

dspc	dataspace name
-------------	----------------

SDB3035T DATASPACE EXTENDED, NAME=dspc, CALLED BY cs

Explanation: An MVS dataspace was extended. The storage in the dataspace was used up and more was allocated to it. The space token is displayed.

Action: None. This message is informational only.

The variable fields of the message text are:

dspc	dataspace name
-------------	----------------

SDB3036T DATASPACE RELEASED, NAME=dspc, CALLED BY cs

Explanation: Storage in an MVS dataspace was released. The storage is no longer required. The space token is displayed.

Action: None. This message is informational only.

The variable fields of the message text are:

dspc	dataspace name
-------------	----------------

SDB3037T DATASPACE func FAILED, NAME=dspc, RETURN CODE=rc, REASON CODE = rscd,CALLED BY cs

Explanation: A dataspace function failed. The return code and reason code are displayed. The space token is displayed.

Action: Installation limits may have caused the failure. Examine the limits set by the installation's IEFUSI exit to determine if they caused the failure. If the problem cannot be resolved, contact NEON Systems Technical Support to obtain additional assistance.

The variable fields of the message text are:

func	dataspace function name
dspc	dataspace name
rc	return code
rscd	reason code

SDB3038T ALET CREATED, NAME=dspc, ALET=alet, CALLED BY cs

Explanation: An ALET was created for accessing a dataspace. The space token is displayed. The resulting ALET is displayed.

Action: None. This message is informational only.

The variable fields of the message text are:

dspc	dataspace name
alet	ALET

SDB3039T ALET DELETED, NAME=dspc, ALET=alet, CALLED BY cs

Explanation: An ALET for accessing a dataspace was deleted. The space token is displayed. The deleted ALET is displayed.

Action: None. This message is informational only.

The variable fields of the message text are:

dspc	dataspace name
alet	ALET

SDB3040T ALESERV func FAILED, NAME=dspc, RETURN CODE=rc, REASON CODE = rscd,CALLED BY cs

Explanation: An ALESERV function failed. The return code and reason code are displayed. The space token is displayed.

Action: Installation limits may have caused the failure. Examine the limits set by the installation's IEFUSI exit to determine if they caused the failure. If the problem cannot be resolved, contact NEON Systems Technical Support to obtain additional assistance.

The variable fields of the message text are:

func	ALESERV function name
dspc	dataspace name
rc	return code
rscd	reason code

SDB3041T ABEND abcd IN servrtn, REASON CODE=rscd, NAME=dspc, ALET=alet, CALLED BY cs

Explanation: An abend was detected while manipulating a dataspace. 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. The space token is displayed. The ALET, if any, is displayed.

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 for assistance with this problem. In certain recovery situations, this message may be ignored.

The variable fields of the message text are:

abcd	abend code
servrtn	service routine
rscd	reason code
dspc	dataspace name
alet	ALET

SDB3042S MODULE 'mod' LOADED AMODE(24)

Explanation: A module that had to load in AMODE(31) loaded with AMODE(24) instead. This is a serious error. Many modules, including RPCs, are only allowed in AMODE(31).

Action: Check if the module was linked AMODE(24). Relink the module (other changes may be needed), and put the new module into the correct library. Run the application again.

The variable fields of the message text are:

mod	module name
------------	-------------

SDB3043S MODULE 'mod' LOAD FAILED, ABEND=abcd, REASON CODE=rscd

Explanation: A module could not be loaded. The load failed with an abend error.

Action: Check the error messages and the reason 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:

mod	module name
abcd	abend code
rscd	reason code

SDB3044S MODULE 'mod' DELETE FAILED, RETURN CODE=rc

Explanation: A module could not be deleted. The delete failed with a non-zero return code.

Action: Check the error messages and the reason 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:

mod	module name
rc	return code

SDB3060S 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

func	function code
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SDB3061E 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 Technical 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

SDB3062E 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 (e.g. SYSEVENT etc.)
desc	description
rc	return code

SDB3063E 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. Contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

obj	plist
action	copy

SDB3070S func (code) SERVICE errdesc cmprc rscd loc mod+off

Explanation: The product stacking PC function has been invoked in an invalid manner, has been invoked 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

func	PC sub-function description
code	PC routine sub-function code
errdesc	error description
cmprc	completion or return code
rscd	reason code
loc	location of error or failure
mod	failing module
off	failing offset

SDB3071T func (code) SERVICE errdesc cmprc rscd loc mod+off

Explanation: The product stacking PC function has been invoked in an invalid manner, has been invoked in an invalid environmental state, or has abended during execution. This is a duplicate of message 3070S 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

func	PC sub-function description
code	PC routine sub-function code
errdesc	error description
cmprc	completion or return code
rscd	reason code
loc	location of error or failure
mod	failing module
off	failing offset

SDB3080E text FAILED FOR userid RC=rc AT ad

Explanation: A logoff to the current Mainframe Adapter Server address space was attempted by a user other than the one currently logged on. The current Mainframe Adapter Server address space is terminated, and a new one will be started.

Action: If problems are encountered with Mainframe Adapter Servers, Shadow cancels them and restarts them. Normal Shadow mode of operation. Check if the current abend was an independent one or if it was caused by Shadow, and resolve the problem accordingly.

The variable fields of the message text are:

text	current operation text	string
userid	userid	
rc	return code	

SDB3081T TSO Mainframe Adapter Server IN ASID asid var1 var2 var3 var4

Explanation: This is a trace message issued by the subsystem data set read/write routine.

Action: None. This message is informational only.

The variable fields of the message text are:

asid	TSO Mainframe Adapter Server's	address space id
var1	variable trace	information
var2	variable trace	information
var3	variable trace	information
var4	variable trace	information

SDB3082W OUTPUT LIMIT EXCEEDED (value LINES) - CANCEL SELF WITH S722

Explanation: A TSO command running in a Shadow TSO Mainframe Adapter Server address space has exceeded the output line limit for Mainframe Adapter 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 Mainframe Adapter Server will cancel itself with an S722 completion code to abort processing of the current command.

The variable fields of the message text are:

value	TSO command output line limit
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SDB3083S COMMAND REQUESTED MORE INPUT - COMMAND ABORTED

Explanation: Shadow Mainframe Adapter Servers do not support commands that request additional input in subcommand mode.

Action: Modify the command processor so that subcommand input is not required.

SDB3084W 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

SDB3085H jb A=asid1 (asid2) TSO Mainframe Adapter Server TERMINATED BY REQUEST

Explanation: A Shadow Mainframe Adapter Server address space has received a request to terminate. This may occur at shutdown or when one of the parameters governing the TSO Mainframe Adapter Servers (MIN or MAX values) has been modified.

Action: None. This message is informational only.

The variable fields of the message text are:

jb	jobname
asid1	address space identifier in decimal
asid2	address space identifier in hexadecimal

SDB3086H LOGON OF usid TO TSO Mainframe Adapter Server FAILED - RC=rc1 (rc2) REASON=rscd

Explanation: A Shadow TSO Mainframe Adapter Server address space was not able to log on the indicated Mainframe Adapter Client userid. The current command is bypassed.

Action: Determine why the Mainframe Adapter Client userid logon failed, and resubmit the command.

The variable fields of the message text are:

usid	Mainframe Adapter Client userid
rc1	SAF interface return code
rc2	RACF return code
rscd	RACF reason code

SDB3087H REQUESTOR HAS REVOKED COMMAND REQUEST - CANCEL SELF WITH S622

Explanation: A Shadow TSO Mainframe Adapter Server address space was not able to bind to the requesting task while attempting to return the results of a TSO command. The Mainframe Adapter 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 while waiting for a response to the request.

SDB3100S INVALID TEXT INSERTION ADDRESS - addr mnoff

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, but the error message was 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

addr	address
mnoff	module name and offset

SDB3101S MESSAGE NUMBER num NOT FOUND - mnoff

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, but the error message was not sent because of the current error. The error is caused by either a calling routine passing an invalid message number or 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: Ensure that 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

num	number
mnoff	module name and offset

SDB3102S INVALID MESSAGE TEXT VARIABLE - "varname" mnoff

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, but the error message was 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: Ensure that 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

varname	variable
mnoff	module name and offset

SDB3103S INVALID TEXT INSERTION DATA LENGTH - mnoff

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, but the error message was 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: Ensure that 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

mnoff	module name and offset
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SDB3104S INVALID TEXT INSERTION DATA TYPE - mnoff

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, but the error message was 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: Ensure that 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

mnoff module name and offset

SDB3105S OUTPUT MESSAGE BUFFER OVERFLOW - mnoff

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, but the error message was 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: Ensure that 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 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 for assistance with this problem.

The variable fields of the message text are:

mnoff module name and offset

SDB3106S INVALID PACKED DECIMAL FOR TEXT INSERTION - ivdata mnoff

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, but the error message was 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: Ensure that the product is properly installed. Check the calling module assembly time, date, and version number. Check if any other error messages were generated 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 for assistance with this problem.

The variable fields of the message text are:

ivdata invalid data value
mnoff module name and offset

SDB3107S INVALID REPLY PARAMETER - mnoff

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, but the error message was 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: Ensure that 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 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 for assistance with this problem.

The variable fields of the message text are:

mnoff	module name and offset
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SDB3108S INVALID REPLY AREA LENGTH - rplen mnoff

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: Ensure that the product is properly installed. Check the calling module assembly time, date, and version number. Check if any other error messages were generated 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 for assistance with this problem.

The variable fields of the message text are:

rplen	reply area length
mnoff	module name and offset

SDB3109E 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, but the error message was 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: Ensure that 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 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 for assistance with this problem.

The variable fields of the message text are:

off	module offset
rc	return code

SDB3120S am service FAILED FOR DDNAME=ddn, DSNAME=dsn

Explanation: An attempt to open the specified data set failed.

Action: Try to determine why the attempt failed. If you are unable to determine the reason for the failure, contact 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	data set name

SDB3121S RECORD SIZE size INVALID, LRECL=lrecl, BLKSIZE=blksize, DDNAME=ddn, DSNAME=dsn

Explanation: During a WRITE/PUT operation, the product I/O routines 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 data set.

Action: Attempt to determine the reason for the failure. If you are unable to determine the reason for the failure, contact NEON Systems Technical 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	data set name

SDB3122S VSAM service FAILED, RC=rc, field1 FIELD=field2, DDNAME=ddn, DSNAME=dsn

Explanation: A product generalized input/output processing routine tried to open a VSAM data set. The VSAM OPEN failed.

Action: Review the error message text. Determine what caused the OPEN to fail, based on the return code. Review the current data set for any obvious errors. Correct the above problems, and restart.

The variable fields of the message text are:

service	type of operation (OPEN)
rc	return code
field1	the ACB or RPL field name
field2	the ACB or RPL field value
ddn	ddname
dsn	data set name

SDB3123S 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 data set specified has a supported data set organization (DSORG) or record format (RECFM). If you are unable to determine the reason for the failure, contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

obj	object (DSORG or RECFM)
ddn	ddname
dsn	data set name

SDB3124S SHOWCAT FAILED, RC=rc, DDNAME=ddn, DSNAME=dsn

Explanation: A product generalized input/output processing routine tried to list the required message data from a data set, but the SHOWCAT operation failed with the above return code.

Action: Review the error message text. Determine what caused the SHOWCAT operation to fail, based on the return code. Correct the above problems, and restart. For further assistance, contact your local product systems programming group.

The variable fields of the message text are:

rc	return code
ddn	ddname
dsn	data set name

SDB3125S INVALID VSAM OBJECT ("obj"), DDNAME=ddn, DSNAME=dsn

Explanation: While processing a VSAM data set, a product generalized input/output processing routine found the object to be invalid.

Action: Review the error message text. Validate the VSAM object and analyze it for integrity. Review errors in the definition of the current data set. Ensure that the data set 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	data set name

SDB3126E DYNAMIC ALLOCATION FAILED, RC=rc, ERROR CODE=ec, INFO CODE=rscd, DDNAME=ddn, DSNAME=dsn

Explanation: An attempt to dynamically allocate a data set 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 titled "SVC 99 Return Codes"). If, after reviewing this information, you are still unable to correct the problem, contact NEON Systems Technical Support to obtain additional assistance.

The variable fields of the message text are:

rc	return code
ec	error code
rscd	information reason code
ddn	ddname
dsn	data set name

SDB3127S VSAM service FAILED, RC=rc, DDNAME=ddn, DSNAME=dsn

Explanation: A product generalized input/output processing routine could not display the check error message for the current VSAM data set. The operation failed.

Action: Review the error message text. Validate the VSAM data set, and analyze it for integrity. Review errors with the definition of the current data set. Ensure that it was properly defined and that 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

SDB3128E 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 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:

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

SDB3129E 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 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:

service	current operation, GETMAIN, FREEMAIN, ATTACH etc.
desc	error description

SDB3130E DYNAMIC ALLOCATION COMMAND ERROR. desc cmd

Explanation: The format of a dynamic allocation/de-allocation command is invalid. 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:

desc	command parser error message
cmd	dynamic allocation/de-allocation command

SDB3131E DIRECTORY ENTRY SERVICES FAILED. RC=rc, RSN=rscd

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. If there are no file problems, add MODIFY PARM(FILEIOMODE) VALUE(24) to your initialization member (S___IN00), and restart the Shadow Mainframe Adapter Server address space. Then, contact NEON Systems Technical Support with the return code, reason code, MVS and DFSMS levels.

The variable fields of the message text are:

rc	return code from the DESERV macro
rscd	reason code from the FUNC=GET_ALL service

SDB3132E HFS service FAILED FOR 'path' - RC=rc (name1), RSN=rscd (name2) - desc1 / desc2

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, contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

service	service name
path	path name
rc	return code from the Open Edition Service
name1	ERRNO name string from the Open Edition Service
rscd	reason code from the Open Edition Service
name2	JERRNO name string from the Open Edition Service
desc1	ERRNO description
desc2	JERRNO description

SDB3133E HFS service FAILED FOR 'path' - desc1 var1

Explanation: While invoking an Open Edition HFS Service for the entity identified by path, the Mainframe Adapter Server interface detected an error.

Action: If the cause of the error cannot be readily determined from this and other messages, contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

service	service name
path	path name
desc1	description of the error
var1	variable information

SDB3140W 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, contact 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

SDB3141E 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, contact 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

SDB3142W 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

ivdata	invalid data
func	current function

SDB3143U 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, contact NEON Systems Technical Support for assistance with this problem.

SDB3145S 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

cb	control block
subsys	subsystem name

SDB3146S EMERGENCY PRODUCT SHUTDOWN STARTED - errdesc

Explanation: The product is shutting down because of a serious error. The message text describes the error. The error may be caused by an abend failure inside the product or by a product rate limit that has been exceeded. Also, 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

errdesc	error description
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SDB3148E 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 necessary. 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 for assistance with this problem.

SDB3150E 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

desc	description
ivdata	invalid data

SDB3151H 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, contact 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

SDB3152W errdesc1 errdesc2 errdesc3, 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

errdesc1	error description
errdesc2	error description
errdesc3	error description

SDB3153E 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, contact 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

SDB3156E 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 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

rsrce	resource name
ss	system service

SDB3157E 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, contact 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

SDB3200W 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, contact 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

SDB3201W 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, and 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, in the storage management routine, or in some other part of the product. This failure may indicate 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

stg	storage area size or amount
sfx	quantity suffix (K or M)
mod	module name
off	module offset

SDB3202W func ERROR RC=rc REQUESTED BY mod+off, sp=subp, len=length

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 (such as 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, contact 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
subp	subpool requested
length	length requested

SDB3203W 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, and 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, 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

stg	storage area size or amount
sfx	quantity suffix (K or M)
mod	module name
off	module offset

SDB3204T mod+off func stype subp stg1 stg2 stg3 %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. Contact 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
stg1	storage area size or amount
stg2	storage area size or amount
stg3	storage area size or amount

SDB3205E 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 (such as 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, contact 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

SDB3206S 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, contact 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

SDB3207S 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

mod	module name
off	module offset

SDB3208S stype1 RETURNED FOR stype2 REQUESTED BY mod+off

Explanation: The storage management routine detected that a request for extended storage (above the 16MB line) was satisfied with non-extended storage (below the 16MB 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 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 terminated 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 occurring for private area storage, contact NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

stype1	storage type (E/CSA or E/Private)
stype2	storage type (E/CSA or E/Private)
mod	module name
off	module offset

SDB3209S 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 association 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. Otherwise, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

mod	module name
off	module offset

SDB3250S 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 a failure either 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

SDB3251I cmd text

Explanation: This message is only issued when the product is in debugging mode. It echoes commands sent to the product.

Action: None. This message is informational only.

The variable fields of the message text are:

cmd	command verb
text	message text

SDB3252S SEF INITIALIZATION TIMEOUT DETECTED

Explanation: This message is issued when the product attempted to initialize full SEF support, but 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, contact NEON Systems Technical Support for assistance with this problem.

SDB3253I %PM Version ver Subsystem subsys Initialization Complete

Explanation: This is the standard message indicating that product initialization is complete.

Action: No action required.

The variable fields of the message text are:

ver	product version
subsys	subsystem name

SDB3254E MODULE NAME (mod) NOT FOUND IN ADDRESS VECTOR TABLE

Explanation: The 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 information 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:

mod	module name
------------	-------------

SDB3255E MODULE NAME (mod) RELOAD FAILED RC=rc

Explanation: The product did find the module name included in the RELOAD MOFIDY command in the address vector table, but the reload process failed.

Action: Determine why the reload failed, based on the return code and the module name. Check if this is 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:

mod	module name
rc	return code

SDB3256E MODULE RELOAD COMMAND FORMAT INVALID

Explanation: The product found the current RELOAD command to have a command format error or invalid command format. The reload request is terminated.

Action: Determine why the reload failed, based on the return code and the module name. Check if this is caused by some error external to the product. Contact your local product systems programming group for help.

SDB3257I MODULE NAME (mod) RELOADED AT addr

Explanation: The product reloaded the current module name at the current offset.

Action: None. This message is informational only.

The variable fields of the message text are:

mod	module name text
addr	address text string

SDB3258E MODULE NAME (mod) CANNOT BE RELOADED

Explanation: The product could not reload the current module name.

Action: Determine why the current module cannot be reloaded. Produce and analyze an AMBLIST report about the attributes of the current module. Contact your local product systems programming group for support.

The variable fields of the message text are:

mod	module name
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SDB3259E (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. Also, verify that it exists and is enabled in the current command rule data set.

The variable fields of the message text are:

cmd	cmd rule name
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SDB3300W 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, contact 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

SDB3301E PLAN pln DBRM dbrm TIMESTAMPS MISMATCH time1 time2

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 synchronized 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 restart the product.

The variable fields of the message text are:

pln	plan name string
dbrm	DBRM name string
time1	plist timestamp
time2	DBRM timestamp

SDB3302E 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)
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SDB3303E DBRM OPEN FAILED FOR DDNAME=ddn DSNAME=dsn RC=rc

Explanation: S__ tried to open the DBRM library for input and the open operation failed. Actual SQL statement texts must have the DBRM(s).

Action: Examine the data set and any other messages that may accompany this one. If you are able to resolve the problem, restart the product.

The variable fields of the message text are:

ddn	ddname
dsn	data set name
rc	I/O return code

SDB3304E 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 necessary, change the library specified in the JCL for the main address space, and restart the product.

The variable fields of the message text are:

dbrm	DBRM name
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SDB3305E func FAILED FOR MEMBER=mem DDNAME=ddn DSNAME=dsn RC=rc

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 data set for problems. Once the problem is corrected, restart the product.

The variable fields of the message text are:

func	current I/O operation
mem	DBRM member name
ddn	ddname text string
dsn	data set name
rc	current I/O operation return code

SDB3306E DBRM MEMBER mem TOO LARGE, MAXIMUM SIZE IS num RECORDS

Explanation: The current DBRM is too large for S__ to handle.

Action: Ensure that the DBRM actually does contain more than the maximum number of records. If it does, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

mem	DBRM name
num	maximum number of DBRM records

SDB3307E DBRM MEMBER mem IS EMPTY

Explanation: The DBRM member specified by the message does not contain any records.

Action: Verify that the data set 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 Technical Support for assistance with this problem.

The variable fields of the message text are:

mem	DBRM member name
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SDB3308E DBRM MEMBER NAME mem 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 this is the problem, and correct it. The DBRM member name and the program name contained within the DBRM must be identical.

The variable fields of the message text are:

mem	DBRM member name
pgm	program name contained within the DBRM

SDB3309E 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 at same time from the same version of the source). Correct any mismatches, and restart the product.

The variable fields of the message text are:

num	SQL statement number from plist
dbrm	DBRM name

SDB3310E DBRM close FAILED FOR DDNAME=ddn DSNAME=dsn RC=rc

Explanation: S__ tried to close the DBRM library and the close operation failed. Resources may not have been completely released.

Action: Examine the data set and any other messages that may accompany this one. If you are able to resolve the problem, restart the product.

The variable fields of the message text are:

ddn	ddname
dsn	data set name
rc	I/O return code

SDB3421E 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 be related to the current problem. Contact NEON Systems Technical Support to obtain additional assistance.

SDB3700H TSO/SRV NOW USING num Mainframe Adapter ServerS - MIN=parmval1 MAX=parmval2

Explanation: Shadow has allocated a new Mainframe Adapter Server descriptor control block and will start a new TSO/SRV Mainframe Adapter Server address space.

Action: None. This message is informational only.

The variable fields of the message text are:

num	current number of active Mainframe Adapter Servers
parmval1	current setting of the CGIMIN parameter
parmval2	current setting of the CGIMAX parameter

SDB3701I 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 Mainframe Adapter 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

SDB3702H TSO/SRV STARTED Mainframe Adapter Server jb,ASID=asid

Explanation: Shadow has issued a START command to create a new TSO/SRV Mainframe Adapter Server address space, and the address space has been created.

Action: None. This message is informational only.

The variable fields of the message text are:

jb	jobname
asid	ASID of the TSO/SRV Mainframe Adapter Server address space

SDB3703W TSO/SRV SUBTASK UNABLE TO SCHEDULE EXTERNAL TSO Mainframe Adapter Server - ABEND/POST CODES=(abcd/pc)

Explanation: Shadow TSO/SRV execute queue processing function detected an abend or error while attempting to schedule a command into an external TSO Mainframe Adapter 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:

abcd	abend code or zero
pc	post return code or zero

SDB3704H TSO/SRV CANCELLED Mainframe Adapter Server jb,ASID=asid

Explanation: Shadow has issued a CANCEL command to eliminate a TSO/SRV Mainframe Adapter Server address space. This may occur either because of a change (reduction) in the value of the TSOMINMainframe Adapter ServerS parameter or because of a Mainframe Adapter Server command exceeding its execution limits.

Action: When a Mainframe Adapter Server command exceeds the Mainframe Adapter Server execution limits, this message is accompanied by a message describing which limit is exceeded. Either modify the limit or correct the Mainframe Adapter Server command/program.

The variable fields of the message text are:

jb	jobname
asid	ASID of the TSO/SRV Mainframe Adapter Server address space

SDB3705I IDLE TSO Mainframe Adapter Server TERMINATED DUE TO TSOMAXMainframe Adapter Servers

Explanation: Shadow detected that there were currently more Mainframe Adapter Servers active than specified in the TSOMAXMainframe Adapter ServerS parameter and terminated the Mainframe Adapter Server in question because it was currently idle.

Action: None. This message is informational only.

SDB3706W TRANSACTION ABORTED

Explanation: This message is sent to the issuer of a TSO/SRV Mainframe Adapter Server command when the Mainframe Adapter Server has terminated while executing the transaction.

Action: Check for other messages associated with this condition, and attempt to resolve the problem.

SDB3707S TSO/SRV Mainframe Adapter Server FAILED DURING INITIALIZATION

Explanation: Shadow attempted to start a TSO/SRV Mainframe Adapter Server address space. However, the address space failed during initialization.

Action: Verify that the TSO/SRV Mainframe Adapter Server started task JCL is correct. JCL errors of one kind or another (e.g. data set does not exist) are frequently the cause of this condition. If you are unable to resolve the problem, contact NEON Systems Technical Support to obtain additional assistance.

SDB3708E UNABLE TO FIND ASVT ENTRY FOR TSO/SRV Mainframe Adapter Server ASID=asid

Explanation: After issuing an internal START command for a TSO/SRV address space, Shadow attempted to validate the returned ASID and found it to be invalid. This error indicates one of the following conditions: (1) the ASID is negative, (2) the ASID is greater than the system MAXUSER value, or (3) 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
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SDB3709W TSO Mainframe Adapter Server CANCELED - MAX TRANSACTION TIME EXCEEDED

Explanation: The transaction currently being processed by the Mainframe Adapter Server in question has exceeded the maximum amount of time allowed by TSOMAXCMDRUNTIME and has caused the cancellation of the Mainframe Adapter Server.

Action: Please examine the SYSLOG for the _3710I companion message, which will detail the command in error and its approximate start time. Either correct the command in error or increase the TSOMAXCMDRUNTIME value.

SDB3710I CMD TEXT = text ,START TIME = time

Explanation: This is the companion message to _3709W. It details the command which was being processed by the canceled Mainframe Adapter Server and its approximate start time.

Action: Either correct the command in error or increase the TSOMAXCMDRUNTIME specification.

The variable fields of the message text are:

text	partial text of command in progress
time	start time of this command

SDB3711I IDLE Mainframe Adapter Server TERMINATED DUE TO TSOMINMainframe Adapter ServerS OR TSOSRVDORMANT TIMEOUT

Explanation: Shadow detected that the current number of Mainframe Adapter Servers is greater than the user specified TSOMINMainframe Adapter ServerS parameter but not greater than the user specified TSOMAXMainframe Adapter ServerS value and that the Mainframe Adapter Server has been idle longer than the user specified TSODORMANTTIMEOUT value. Shadow terminated the Mainframe Adapter Server in question because it was currently idle.

Action: None. This message is informational only.

SDB3712W TSOMAXMainframe Adapter ServerS VALUE (parmval1) INVALID. SET TO TSOMINMainframe Adapter ServerS (parmval2).

Explanation: Shadow Mainframe Adapter Server processing has detected that the TSOMAXMainframe Adapter ServerS value has been set to a value that is lower than the TSOMINMainframe Adapter ServerS value. This is invalid - the maximum number of Mainframe Adapter Servers can never be lower than the minimum number of Mainframe Adapter Servers. The maximum value is changed to the minimum value.

Action: If the incorrect values are set via the startup exec or any other program, correct the program(s). You may also adjust the TSOMINMainframe Adapter ServerS and TSOMAXMainframe Adapter ServerS values using the ISPF parameter display.

The variable fields of the message text are:

parmval1	current (invalid) value of TSOMAXMainframe Adapter ServerS
parmval2	current TSOMINMainframe Adapter ServerS value

SDB3713I TSO/SRV Mainframe Adapter Server ADDED DUE TO EXCESSIVE QUEUE DEPTH (qd)

Explanation: The number of requests on the TSO/SRV Mainframe Adapter Server execute queue currently exceeds the threshold set by the user specified TSOSRVQUEUEADDDEPTH. The number of Mainframe Adapter Servers is being increased by one since the number of Mainframe Adapter Servers is still below the maximum number of Mainframe Adapter Servers limit as specified by the TSOMAXMainframe Adapter ServerS value.

Action: None. This message is informational only.

The variable fields of the message text are:

qd	current TSO/SRV execute queue depth
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SDB3714H TSO/SRV TERMINATED Mainframe Adapter Server jb,ASID=asid

Explanation: Shadow has terminated a TSO Mainframe Adapter Server address space. The Mainframe Adapter Server has been terminated because either the current number of Mainframe Adapter Servers exceeds the TSOMAXMainframe Adapter ServerS limit, or the current number of Mainframe Adapter Servers exceeds the TSOMINMainframe Adapter ServerS value and the current Mainframe Adapter Server has been idle more than TSOSRVDORMANTTIMEOUT seconds. This message may also occur when a control command requested Mainframe Adapter Server termination. The Mainframe Adapter Server address space may not terminate immediately if it is currently running a transaction. If the Mainframe Adapter Server does not terminate voluntarily within a limited time period, the Mainframe Adapter Server will be cancelled by Shadow.

Action: None. This message is informational only.

The variable fields of the message text are:

jb	jobname
asid	ASID of the TSI Mainframe Adapter Server address space

SDB3715H 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

SDB3716O CANCELLED TSO Mainframe Adapter Server jb stepname (ASID=asid), HAS NOT TERMINATED

Explanation: Shadow has issued a CANCEL command to terminate a TSO Mainframe Adapter Server. More than one (1) minute has elapsed since the CANCEL command was issued, but the Mainframe Adapter 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 Mainframe Adapter Server to terminate, use the MVS FORCE command or attempt to kill the Mainframe Adapter 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 Mainframe Adapter Server address space

SDB3717H TSO Mainframe Adapter Server EXECUTE QUEUE RESET

Explanation: A control command has caused the TSO/SRV execute queue to be cleared. All pending TSO transactions have been discarded.

Action: None. This message is informational only.

SDB3718E TSO ADDRESS SPACE CREATION FAILED, RC = rc, REASON CODE = rscd

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 error is most likely a system related problem, and you should report this to your system programming staff. If necessary, set the TSOSRVUSEASCRE to NO so that START commands (rather than ASCRE) will be used to create TSO outboard Mainframe Adapter Server address spaces.

The variable fields of the message text are:

rc	return code
rscd	reason code

SDB3720T TSO EXECUTE QUEUE ADD; QD=qd, CMD=cmd

Explanation: This message is actually issued by the ADDRESS TSO | CGI processor when the DEBUG FLAG is set ON. This message indicates that a command is being sent to the Shadow Mainframe Adapter 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:

qd	current TSO execute queue depth
cmd	partial text of command sent to Mainframe Adapter Server

SDB3721T TSO COMMAND DISPATCH; QD=qd, ASID=asid, QTIME=sss, CMD=cmd

Explanation: This message indicates that a command has been removed from the TSO execute queue and has been sent to a Shadow TSO Mainframe Adapter 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:

qd	current TSO execute queue depth
asid	address space identifier of Mainframe Adapter Server
sss	time spent on TSO execute queue (100th sec)
cmd	partial text of command sent to Mainframe Adapter Server

SDB3722T TSO COMMAND RECEIVED; ASID=asid, ETIME=sss, CMD=cmd

Explanation: This message indicates that a Mainframe Adapter 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 Mainframe Adapter Server
sss	time since command sent to Mainframe Adapter Server (100th sec)
cmd	partial text of command sent to Mainframe Adapter Server

SDB3723T TSO COMMAND COMPLETE; ASID=asid, ETIME=sss, CPU=time, I/O=num, CMD=cmd

Explanation: This message indicates that a Mainframe Adapter 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 Mainframe Adapter Server
sss	time since command sent to Mainframe Adapter Server (seconds)
time	command CPU time in hex (microseconds)
num	number of I/Os performed by the command
cmd	partial text of command sent to Mainframe Adapter Server

SDB3724H pgm (userid) SENT TSO CMD cmd

Explanation: This message indicates that a Mainframe Adapter 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	runtime userid for command execution
cmd	partial text of command sent to Mainframe Adapter Server

SDB3725T TSO EXECUTE PROCESSOR POSTED BY comp

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:

comp	component description
-------------	-----------------------

SDB3729T 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

SDB3750H SEF var1 var2

Explanation: This message indicates that the Shadow execute processor has terminated.

Action: This message is for informational purposes only unless it indicates that the SEF command 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, contact Shadow Technical Support for further assistance.

The variable fields of the message text are:

var1	none
var2	none

SDB3751I 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 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 to obtain additional assistance.

The variable fields of the message text are:

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

SDB3752W SEF API INITIALIZATION FAILED DUE TO desc var1 var2

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:

desc	initialization step description
var1	variable information
var2	variable information

SDB3753W ABEND var1 AT var2+var3, SEF COMMAND 'var4' ABORTED

Explanation: Shadow detected this error.

Action: Contact Shadow Technical Support for assistance.

The variable fields of the message text are:

var1	none
var2	none
var3	none
var4	none

SDB3754I SEF COMMAND SYNTAX ERROR: "cmd"

Explanation: The SEF execution processor detected a command with invalid syntax for the ADDRESS SEF environment. Normally, the syntax error should 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:

cmd	the invalid SEF command
------------	-------------------------

SDB3755E service OF PRECOMPILED DATA SET (dsn) FAILED RC=rc

Explanation: The SEF execution processor detected a request to allocate/deallocate a compiled rules library, and the request failed. Check error messages preceding this failure for more allocation error data.

Action: Check any allocation error messages that preceded this message for more diagnostic information. After fixing the problem, reset the parameters SEFPRECOMPILED and SEFPRECOMPILEDASN.

The variable fields of the message text are:

service	allocation or deallocation
dsn	failed data set name
rc	failed allocation return code

SDB3756I SEF PRECOMPILED RULES ACTIVE

Explanation: SEF has activated the Compiled Rules Facility. This facility is activated by the setting of the parameter SEFPRECOMPILED to ON and the parameter SEFPRECOMPILEDASN * to a valid compiled rule library.

Action: None. This message is informational only.

SDB3780I 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 STIMER service.

Action: Contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

func	current function (set)
desc	description (browse timer)
rc	return code (set by product service routine)

SDB3781S 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

abcd	abend code
mod	module name
off	module offset
desc	description

SDB3782S desc1 ddn errmsg FAILED RC=rc desc2

Explanation: A problem was encountered while opening or refreshing a product data set. 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

desc1	file description
ddn	file dname
errmsg	failure encountered
rc	return code
desc2	additional description of error

SDB3783S desc ddn PROCESSING ABENDED CODE=abcd REASON=rscd

Explanation: A problem was encountered while opening or refreshing a product data set. 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

desc	file description
ddn	file dname
abcd	abend code
rscd	abend reason code

SDB3784T var1 DUPLICATES THE var2 var3 IN var4 - SKIPPED

Explanation: A problem was encountered while opening or refreshing a product data set. The message indicates that a duplicate entity was detected. The DUPLICATING entity will be ignored.

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 refresh or 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	duplicating entity source
var2	entity type
var3	duplicate entity identifier
var4	duplicated entity source

SDB3785H var1 DUPLICATES THE var2 var3 IN var4 - SKIPPED

Explanation: A problem was encountered while opening or refreshing a product data set. The message indicates that a duplicate entity was detected. The DUPLICATING entity will be ignored.

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 refresh or restart the product. Normally, this is done by manually removing one or the other source file identified in the message. If the problem cannot be resolved, contact NEON Systems Technical Support to obtain additional assistance.

The variable fields of the message text are:

var1	duplicating entity source
var2	entity type
var3	duplicate entity identifier
var4	duplicated entity source

SDB3790I 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: Contact 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)

SDB3791E func FOR CREATING GLOBAL VARIABLE BACKUP, RC = rc, REASON CODE = rscd

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, the error is most likely a system related problem, and you should report this to your system programming staff. If the problem cannot be resolved, contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

func	current function (ASCRE)
rc	return code
rscd	reason code

SDB3792I GLOBAL VARIABLE BACKUP ADDRESS SPACE proc HAS BEEN CREATED

Explanation: This message is informational only. The message indicates that Shadow created the global variable backup address space.

Action: None. This message is informational only.

The variable fields of the message text are:

proc	procname
-------------	----------

SDB3849T SEF ver OPERATIONAL MODE DOES NOT SUPPORT THE func 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:

ver	version in which SEF is operating
func	unsupported command function

SDB3850E INTERNAL routine1 ERROR DETECTED BY routine2: CALLER(csect) RTADDR(addr) - var1 var2 var3

Explanation: An error occurred while 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:

routine1	API routine name or description
routine2	routine where error detected
csect	calling CSECT name
addr	return address to calling routine
var1	variable information
var2	variable information
var3	variable information

SDB3888S NO MASTER WWW RULESET DEFINED - NO WWW RULES WILL BE ENABLED

Explanation: Shadow SEF Rule manager did not find a Master WWW ruleset definition. The rule manager will not enable ANY WWW rulesets.

Action: Check your initialization procedure, SWSxIN00, to be sure it defines ONE master WWW ruleset using the "WWWCLASS(MASTER)" keyword.

SDB3889I SEF ver OPERATIONAL MODE DOES NOT SUPPORT THE func 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:

ver	version in which SEF is operating
func	unsupported command function

SDB3890I data

Explanation: Shadow SEF rule manager uses this message to list formatted control block output messages.

Action: These messages contain the formatted control block image.

The variable fields of the message text are:

data formatted control block output line data

SDB3891I data

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 3906I is used instead.

Action: The current message is statistical and lists the rulesets in the output area. No response is required to this message. Check the rule output listing, and make choices accordingly.

The variable fields of the message text are:

data message output line

SDB3892I INDEX COMMAND OPERAND (oper1) 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 processed further.

The variable fields of the message text are:

oper1 operand of INDEX command

SDB3893E SEF HAS DETECTED INVALID RULETYPE() SPECIFICATION FOR RULESET rule

Explanation: While opening a ruleset SEF, SEF detected 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 that might explain the invalid RULETYPE() designation for the ruleset named in the message.

The variable fields of the message text are:

rule ruleset NAME() value

SDB3894I SEF IS USING VERSION 03.01.01 COMPATIBLE CONFIGURATION 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, WWWPROSET and EPROSUBSYS. 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.

SDB3895I data

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. This message is informational only.

The variable fields of the message text are:

data	blank-delimited information described above
-------------	---

SDB3896E RULESET OFFLINE rule dsname ruletype reason

Explanation: An SEF request was made that 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 re-issue the request.

The variable fields of the message text are:

rule	ruleset name
dsname	ruleset dsname
ruletype	rule types in this ruleset
reason	reason why ruleset is offline

SDB3897E RULESET rule IS NOT DEFINED

Explanation: An SEF request was made that 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:

rule	ruleset name
-------------	--------------

SDB3898W RULESET rule1 AND rule2 ARE BOTH DEFINED AS MASTER WWW RULESETS - RULESET rule3 FLAGGED WITH STATUS(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 so that no processing of the data set will occur until the RULESET definition has been changed.

The variable fields of the message text are:

rule1	first master WWW ruleset name
rule2	second or subsequent master WWW ruleset
rule3	ruleset forced to STATUS(OFFLINE) state

SDB3899W 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.

SDB3900T RULE rule1.rule2 FOR ruletype crit st

Explanation: Shadow SEF rule manager issued the current informational message to report the status of the current rule. The ruleset rulename is 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:

rule1	rule set name
rule2	rule name
ruletype	rule type description string
crit	primary criterion
st	status

SDB3901E service OF oper1 FAILED, RC=rc

Explanation: Although various possible problems exist, the most likely problem is that the SEF rule manager attempted and failed to allocate the catalog work area (below the line storage) during SEF processing, so the GETMAIN failed with the above return code.

Action: If the GETMAIL failed, determine the cause of the failure. Ensure that the current storage is available and not limited by any Shadow storage limit parameters (PRIVLIMIT or other) or any exits in the system that 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 data set it failed on, and correct the error.

The variable fields of the message text are:

service	service name
oper1	service operand
rc	service return code

SDB3902E 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: Ensure that 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

SDB3903E INVALID CRITERION "crit" IN desc RULE rule

Explanation: Shadow SEF rule manager detected an invalid criterion when processing the current rule. Only a single wildcard is allowed in the rule criterion. Rule processing is terminated.

Action: Check the error message text for the criterion field, and ensure that the criterion is limited to one match criteria or one wildcard. 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:

crit	criterion specification
desc	rule type description
rule	ruleset rulename

SDB3905W NO SEF RULE SETS FOR prefixqual1qual2qual3suffix IN SYSTEM CATALOG

Explanation: Shadow SEF rule manager could not find the listed ruleset data set name in the catalog. The ruleset search is terminated.

Action: Check the rule prefix, suffix, and middle qualifier names in the Shadow input parameter member. Make sure these rule data sets are catalogued and accessible to Shadow by browsing the data sets from ISPF to make sure that the rule data sets are there.

The variable fields of the message text are:

prefix	ruleset prefix
qual1	rulesn qualifier
qual2	asterisk qualifier
qual3	rulesn qualifier
suffix	rule suffix

SDB3906I data

Explanation: Shadow SEF rule manager issued the current message to list the rule data set 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 3891I message is used instead.

Action: The current message is statistical and lists the rulesets in the output area. No response is required to this message. Check the rule output listing, and make choices accordingly.

The variable fields of the message text are:

data	message output line
-------------	---------------------

SDB3907I SEF IS NOT ACTIVE

Explanation: Shadow SEF rule manager has detected that SEF is not active.

Action: Ensure that Shadow is started and SEF is active. Contact your local Shadow systems programming group for assistance.

SDB3908I INVALID SEF REQUEST TYPE "request" rule1 rule2

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:

request	request type
rule1	ruleset name
rule2	rule name

SDB3909I RULE rule1.rule2 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:

rule1	ruleset name
rule2	rule name

SDB3910I NO RULES ENABLED IN RULE SET rule

Explanation: This is an informational or status report message issued by Shadow SEF rule manager. Either no rules exist or no rules are enabled in ruleset.

Action: No action required.

The variable fields of the message text are:

rule	ruleset name
-------------	--------------

SDB3911I RULE rule var1

Explanation: Shadow SEF rule manager did not find the member name that contains the current rule. The rule request is aborted.

Action: Ensure that the rule listed in the rule name field of the error message exists, or create one before invoking the request.

The variable fields of the message text are:

rule	ruleset.rulename string
var1	not found

SDB3912E NO ISPF STATISTICS FOUND FOR RULE rule

Explanation: Shadow SEF rule manager found no ISPF statistics for the rule.

Action: Ensure that statistics exist for the rule in the PDS directory and that ISPF statistics is turned on.

The variable fields of the message text are:

rule	rule name string
-------------	------------------

SDB3913E var1 CRITERION SYNTAX ERROR "lineno" IN RULE rule

Explanation: A syntax error was detected in a rule while attempting 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
lineno	line of rule in error
rule	name of the ruleset.rule in error

SDB3914E INCONSISTENT var1 CRITERION "lineno" IN RULE rule

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 is 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
lineno	line of rule in error
rule	name of the ruleset.rule in error

SDB3915E MAXIMUM OF num var2 CRITERIA EXCEEDED IN RULE rule

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:

num	maximum number of criteria allowed
var2	time or screen
rule	name of the ruleset.rule in error

SDB3916I TOD RULE rule1.rule2 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, ensure that the next TOD rule is created with the required start/stop/interval or time criteria desired.

The variable fields of the message text are:

rule1	ruleset name
rule2	rule name

SDB3917E CATALOG WORKAREA TOO SMALL FOR PREFIX prefix

Explanation: The high level qualifier has more than 2500 data sets cataloged to it.

Action: Contact NEON Systems Technical Support for assistance in increasing the size of the Shadow catalog work area.

The variable fields of the message text are:

prefix	ruleset prefix
---------------	----------------

SDB3918E ERROR 43 request caller, LINE lineno: ROUTINE routine NOT FOUND

Explanation: Shadow SEF rule manager 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 the problem, and restart.

The variable fields of the message text are:

request	type of compiler request
caller	calling program name
lineno	calling program line number
routine	called routine name

SDB3919E NO VALID RULE HEADER FOUND IN RULE rule - reason

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. Refer to the Shadow Reference for rule header coding. Correct the problem, and restart.

The variable fields of the message text are:

rule	rule name string
reason	reason error was noted

SDB3920W FOLLOWING LINE(S) IGNORED IN RULE rule:

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:

rule rule name string

SDB3921W RULE rule 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:

rule rule name string

SDB3922I MATCH TABLE LIST - d1 t2

Explanation: Shadow SEF rule manager issued this message to list the match table (message parameter list).

Action: None. This message is informational only.

SDB3923I MATCH TABLE AT addr PFX=prefix SFX=suffix LEN=length PRI=code ROOT AT loc

Explanation: Shadow SEF rule manager issued this message to list the match table at the address shown in the message text.

Action: None. This message is informational only.

The variable fields of the message text are:

addr	match table address
prefix	match table prefix length
suffix	match table suffix length
length	match table length with wildcard
code	match table internal priority code
loc	root of match table tree

SDB3924I MATCH TABLE LIST EMPTY

Explanation: Shadow SEF rule manager issued this message to list a match table entry that is empty.

Action: None. This message is informational only.

SDB3925I sqno rule crit NODE LVL=level ADR=addr1 LO=addr2 HI=addr3 AORL=addr4 LEN=length

Explanation: This message is for debugging purposes only.

Action: None.

The variable fields of the message text are:

sqno	sequential order
rule	ruleset.rule
crit	criterion
level	node nesting level
addr1	address current OPTI
addr2	low subtree address
addr3	high subtree address
addr4	address current AORL
length	AORL length

SDB3926I SECTION sect INVALID reason ON LINE lineno

Explanation: The SEF facility found an invalid section header within the rule, so the rule could not be enabled.

Action: Correct the event procedure, and re-enable.

The variable fields of the message text are:

sect	section name or name fragment
reason	reason error condition generated
lineno	line number on which invalid section header appears.

SDB3927I NO MATCH FOR rule

Explanation: The Shadow rule manager did not find a match for this rule.

Action: None. This message is informational only.

The variable fields of the message text are:

rule	rule name string
-------------	------------------

SDB3928E RULESET rule 'prefix' IS msg

Explanation: Shadow SEF rule manager checked the ruleset prefix string and found it to be blank.

Action: Ensure that the ruleset prefix string is not blank. Refer to the Shadow Reference for setting rules data sets and related prefixes. Correct the above problem, and restart.

The variable fields of the message text are:

rule	current ruleset section
prefix	ruleset prefix string
msg	error message text

SDB3929E MAXIMUM msg COUNT (cnt) EXCEEDED

Explanation: Shadow SEF rule manager checked the high level qualifier count and found the current ruleset to exceed it.

Action: Ensure that the current ruleset's 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:

msg	error message text
cnt	qualifier count value

SDB3930E RULESET rule 'prefix' msg1 msg2

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. Ensure that 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:

rule	current ruleset section
prefix	ruleset alternate prefix string
msg1	error message string
msg2	error message string

SDB3931E pgm dsn 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 correct that, if possible. Contact your local Shadow systems programming group for help.

The variable fields of the message text are:

pgm	current input source (program)
dsn	program dsname (member)

SDB3932E service OF table FAILED, RC=rc

Explanation: Shadow SEF rule manager could not setup the Shadow/REXX external routine table. The GETMAIN failed.

Action: Determine why the GETMAIN of the required storage to create the above table failed. Check any MVS messages for their return codes. Ensure that no exits limit the acquiring of the given storage by any ASID. Review the current error text, and correct the problem.

The variable fields of the message text are:

service	service name
table	external routine table
rc	return code

SDB3933E ABEND IN CELL POOL PROCESSING DURING func

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. If the error did not occur during a GET, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

func	error function
-------------	----------------

SDB3934E msg BE STORED IN RULESET rule1 - ERROR FOUND FOR rule2

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 rules are found). Also, non-security rules cannot be stored in the security ruleset. Ensure that the current rule is stored in the appropriate ruleset environment.

The variable fields of the message text are:

msg	error message text
rule1	ruleset name string
rule2	ruleset.rule being processed

SDB3935E CANNOT OPEN ddn (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 libraries. 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 incompatibility in LRECL and BLKSIZE). If a system 913 abend code is reported, data set access has been disallowed by your security subsystem.

The variable fields of the message text are:

ddn	ddname
abcd	abend code
mod	module name
off	module offset

SDB3936E cmd FAILED FOR rule - service OF ddn FAILED

Explanation: The COMPILE, LISTCOMP, or DELCOMP SEF command failed.

Action: Ensure that the given library is properly allocated. Also, ensure that the given library is a PDS, similar by definition to the other Shadow supplied pre-compiled libraries. 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 incompatibility in LRECL and BLKSIZE). If a system 913 abend code is reported, data set access has been disallowed by your security subsystem.

The variable fields of the message text are:

cmd	SEF command type
rule	ruleset.rule name
service	service that failed
ddn	ddname of the data set

SDB3937E LISTCOMP FOR RULESET rule 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:

rule	ruleset name
-------------	--------------

SDB3938E DDNAME - ddn IS CURRENTLY NOT ALLOCATED

Explanation: The COMPILE, LISTCOMP, or DELCOMP SEF command failed.

Action: Ensure that a proper PDS was allocated to the SEFTTEST ddname if you are under SEF edit, or the ddname SDBEXEC or SWSEEXEC must be allocated to the Shadow STC JCL before attempting the command again.

The variable fields of the message text are:

ddn	ddname found missing
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SDB3939E SEF COMPILE PROCESSING OF rule FAILED

Explanation: The COMPILE, LISTCOMP, or DELCOMP SEF command failed.

Action: This message should have been accompanied by other messages.

The variable fields of the message text are:

rule rule or ruleset name

SDB3940E AUTOENABLED FAILED - rule IS A REXX EXTERNAL ROUTINE

Explanation: An AUTOENABLE command was issued for a member of a ruleset that is actually a Shadow/REXX external routine.

Action: Verify your command. Re-issue the command, if possible.

The variable fields of the message text are:

rule rule or ruleset name

SDB3941W SOURCE OF rule MODIFIED SINCE LAST COMPILE - SEF WILL USE SOURCE

Explanation: SEF had detected that a compiled version of the current rule exists. But, it detected that the source version of the rule has 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 auto-enable it, which also automatically saves the compiled version of a rule.

The variable fields of the message text are:

rule rule name

SDB3942I NO ruletype RULES ENABLED IN RULESET rule

Explanation: This is a 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:

ruletype rule type
rule ruleset name

SDB3943I 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 informational only.

SDB3944I rule

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:

rule enabled rule information

SDB3945I rule

Explanation: Shadow SEF command LISTINST ruleset (with 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:

rule	enabled ruleset information
-------------	-----------------------------

SDB3946I TYP PROCEDURE (set mem) SET INVALID parm VALUE OF "value"

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:

set	event procedure set name
mem	event procedure member name
parm	parameter name
value	value that was invalid

SDB3947I TYP EXECUTION MODULE mod NOT FOUND FOR varname IN (set mem)

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:

mod	load module name that was not found
varname	REXX variable which specified the name
set	event procedure set name
mem	event procedure member name

SDB3948W TOO MANY SECTIONS FOUND IN RULE procname

Explanation: More than one process section was found in the rule. This restriction may be removed in future releases.

Action: At the present time, only a single process section may be coded within a WWW or RPC rule.

The variable fields of the message text are:

procname	event procedure name where error found
-----------------	--

SDB3949I ruletype WWW RULE rule1.rule2 ALREADY DEFINES THE URL 'crit'

Explanation: A duplicate URL criterion value is specified on more than one 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:

ruletype	ruleset type: MASTER or SUBORDINATE
rule1	ruleset where duplicate found
rule2	rule where duplicate found
crit	URL criterion value

SDB3950I data

Explanation: Shadow SEF rule manager issued the current message to list the data set statistics and status.

Action: The current message is statistical and lists the data set information. No response is required to this message. Check the PDS output listing, and make choices accordingly.

The variable fields of the message text are:

data	message output line
-------------	---------------------

SDB3951E DDNAME ddn NOT ALLOCATED

Explanation: Shadow SEF rule manager attempted to open a data set for the processing of /*FILE sections. The data set could not be opened because the ddname is unassigned.

Action: Ensure that the ddname specified in the message is allocated to a data set in the subsystem started task JCL, or ensure that the correct ddname value has been specified within the /*FILE section header.

The variable fields of the message text are:

ddn	ddname of data set
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SDB3952E DDNAME ddn COULD NOT BE OPENED (rc)

Explanation: Shadow SEF rule manager attempted to open a data set for the processing of /*FILE sections. The data set could not be opened.

Action: Ensure that the ddname specified in the message is allocated to a data set in the subsystem started task JCL, or ensure that the correct ddname value has been specified within the /*FILE section header.

The variable fields of the message text are:

ddn	ddname of data set
rc	file processor routine return code (for numeric codes) or character reason (for open failure)

SDB3953T text

Explanation: The Web transaction invoked an ADDRESS SEF command for intermediate 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:

text	text of ADDRESS SEF message
-------------	-----------------------------

SDB3954E MEMBER mem NOT FOUND IN DATA SET ddn

Explanation: The indicated member was not found within the referenced PDS data set. 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:

mem	member name
ddn	ddname

SDB3955E MEMBER mem NOT FOUND IN DATA SET ddn

Explanation: The indicated member was not found within referenced PDS data set. 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:

mem	member name
ddn	ddname

SDB3956I FILE ddn NOW st

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:

ddn	ddname
st	status (OFFLINE or ONLINE)

SDB3957I data

Explanation: Shadow SEF rule manager issued the current message to list the PDS member statistics.

Action: The current message is statistical and lists the PDS data set member information. No response is required to this message.

The variable fields of the message text are:

data	message output line
-------------	---------------------

SDB3958E ABEND abcd (reason) IN mod+off DURING service PROCESSING, SOME FILES MAY NOT BE st

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:

abcd	abend code
reason	abend reason
mod	module where abend occurred
off	offset of abend in module
service	operation being performed
st	status of files

SDB3959I cnt1 OF cnt2 SHARED DATA FILES NOW st

Explanation: During initialization or termination, this message is issued to indicate the results of file processing.

Action: No action is required, unless some files remain unopened at open time.

The variable fields of the message text are:

cnt1	count of files now open or closed
cnt2	total count of shared files
st	current status of files

SDB3960E DSNNAME dsn COULD NOT BE ALLOCATED (rc)

Explanation: Shadow SEF rule manager attempted to allocate a data set for processing of /*FILE sections. The data set 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 data set
rc	file processor routine return code (for numeric codes) or character reason (for open failure)

SDB3961I DSNNAME dsn DDNAME ddn ALLOCATED

Explanation: The indicated dsname has been allocated to the indicated ddnname.

Action: None. The message is traced to indicate /*FILE related allocation.

The variable fields of the message text are:

dsn	dsname
ddn	ddname

SDB3962I DDNAME ddn DEALLOCATED

Explanation: The indicated ddnname has been deallocated.

Action: None. The message is traced to indicate ddnname deallocation.

The variable fields of the message text are:

ddn	ddname
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SDB3963I 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.

SDB3964E MEMBER LIST NOT VALID FOR SEQUENTIAL DATA SETS DDNAME ddn, DSNNAME dsn

Explanation: The member list function was issued for a sequential data set. The member list function is available only for partitioned data sets (PDS or PDSE).

Action: Issue the member list function only for PDS or PDSE data sets.

The variable fields of the message text are:

ddn	ddname of data set
dsn	dsname of data set

SDB3965T WARNING: OUTBOUND RESP DATA PRECEDES THIS FILE REQUEST - HTTP RESP PROTOCOL ELEMENTS WILL BE UNUSABLE BY Mainframe Adapter Client

Explanation: When SWSFILE(SEND) or /*FILE was invoked to transmit a file to the HTTP Mainframe Adapter Client, the Mainframe Adapter Server found that output data had previously been flushed for transmission to the Mainframe Adapter Client. The Mainframe Adapter Server proceeds with the file request after issuing this warning message. Because the Mainframe Adapter 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 unpredictable result at the Mainframe Adapter Client. For example, the data sent by the file routines may not be visible or interpreted incorrectly (i.e. the Mainframe Adapter Client may attempt to process HTML text as a GIF image), or the Mainframe Adapter 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 SWSEND(FLUSH) operation occurs.

SDB3966T EXTERNAL DATA QUEUE FULL

Explanation: When an SWSFILE operation outputs its results to the external data queue (QUEUE and MBRLIST functions) and the external data queue fills before all of the information can be written, this message is traced.

Action: The current SWSFILE operation ends with return code 28. Increase the size of the external data queue by specifying the QUEUESIZE() override on the /*WWW header statement.

SDB3967I data

Explanation: Shadow SEF rule manager issued the current message to list the data set names concatenated to a single ddname.

Action: The current message is statistical and lists the data set information. No response is required to this message. Check the PDS output listing, and make choices accordingly.

The variable fields of the message text are:

data	message output line
-------------	---------------------

SDB3968I service failed. Return Code: rc

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:

service	system service that failed
rc	return code from system service

SDB3969I Format of shared file block failed - invalid identifier 'vlu'

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:

vlu	value of shared file block unique identifier
------------	--

SDB3970E MATCH CRITERION MUST BEGIN WITH /set - %2.%3

Explanation: During event procedure enablement, a WWW rule was found to be invalid because its 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:

set name of event procedure set

SDB3971E /*WWW STMT - text - %2.%3

Explanation: During event procedure enablement, a WWW procedure header statement was found to be coded incorrectly. The procedure is not enabled.

Action: Correct the error, and re-enable the event procedure.

The variable fields of the message text are:

text error text

SDB3972E /*WWW STMT - key MAY ONLY BE CODED WITHIN THE rule RULESET - %3.%4

Explanation: During event procedure enablement, a WWW procedure header statement was found to be coded incorrectly. 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 that 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:

key keyword that is not valid
rule name or description of master WWW ruleset

SDB3973E /*REXX STMT - text - %2

Explanation: During event procedure enablement, a REXX section header statement was coded incorrectly. The procedure is not enabled.

Action: Correct the error, and re-enable the event procedure.

The variable fields of the message text are:

text error text

SDB3974T RUNAUTH USERID 'usid' - 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:

usid the RUNAUTH userid

SDB3975T RUNAUTH USERID 'usid' - 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 SYSTEM/ERROR/500 URL, indicating a Mainframe Adapter Server error (with reason code 27). Correct the WWW rule that specified the invalid RUNAUTH userid.

The variable fields of the message text are:

usid	the RUNAUTH userid
-------------	--------------------

SDB3976E DPRTY OPERAND 'oper1' - 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:

oper1	operand of the DPRTY keyword
reason	reason why operand is invalid

SDB3977T WWW TASK DISPATCH PRIORITY CHANGED FROM value1 BY value2

Explanation: The dispatching priority of the WWW transaction subtask has been changed because a match to a /*WWW rule that specified the DPRTY() keyword has been made.

Action: The WWW subtask continues using the new priority value.

The variable fields of the message text are:

value1	previous priority value
value2	change made to priority value

SDB3978T ovrd OVERRIDE FAILED IN loc - RC=rc AT ad

Explanation: A failure occurred while trying to override the REXX work space or external data queue size. The WORKSPACE or QUEUESIZE operand may be too large.

Action: The WWW subtask is re-routed to the system error recovery procedure, and the transaction aborted.

The variable fields of the message text are:

ovrd	override being processed
loc	failure location
rc	service return code

SDB3979E 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 inadvertently orphaned or destroyed by intrinsic Mainframe Adapter Server security processing.

Action: The entire logon request is rejected, and the logon request process is aborted with an S0C3 abend.

SDB3980E RUNAUTH USERID (usid) LOGON FAILED rc1 rc2 rscd - text

Explanation: The RUNAUTH userid specified by the WWWDEFAULTRUNAUTH 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
rc1	the security module return code
rc2	the RACF (SAF) return code
rscd	the RACF (SAF) reason code
text	error message text from RACF (SAF)

SDB3981I DEFAULT RUNAUTH USERID **userid** LOGGED ONTO SYSTEM

Explanation: The RUNAUTH userid specified by the WWWDEFAULTRUNAUTH system parameter has been logged on to the system.

Action: Web Server initialization processing continues.

The variable fields of the message text are:

userid	the WWWDEFAULTRUNAUTH userid
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SDB3982E INDEXED DELETE OF rule1.rule2 (crit) FAILED (TRACE=tb) - RULE NOT DELETED

Explanation: The indicated rule could not be deleted from the indexes of the internal rule search tree. The rule is not deleted, but it will be disabled.

Action: If the error recurs, contact NEON Systems Technical Support.

The variable fields of the message text are:

rule1	ruleset name
rule2	rule name
crit	rule criterion
tb	an internal trace back value

SDB3990E /*FILE STMT - text

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:

text	error text
-------------	------------

SDB3998I data

Explanation: Shadow SEF rule manager uses this message to list formatted control block output messages for shared files.

Action: These messages contain the formatted control block image.

The variable fields of the message text are:

data	formatted control block output line data
-------------	--

SDB4000H text

Explanation: This is a general purpose message for certain VTAM errors.

Action: Not every condition reported by this message is really an error. Read the text of the message carefully to determine whether an error has occurred or not. If an error has occurred and you cannot resolve it, contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

text	the text of the VTAM error message
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SDB4001H UNKNOWN service CODES - R0=r0 R15=r15

Explanation: This message reports VTAM return and reason codes (R0 and R15) that are unknown to S__.

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, contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

service	current operation
r0	register zero contents
r15	register fifteen contents

SDB4002H UNKNOWN service CODES - RCPR=code1 RCSC=code2

Explanation: This message appears in conjunction with the 4001H 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, contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

service	current operation
code1	primary rpl extension codes
code2	secondary rpl extension codes

SDB4003H 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 your requesting tracing.

The variable fields of the message text are:

service	current operation
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SDB4004H 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 your requesting tracing.

The variable fields of the message text are:

service	current operation
lu	LU name

SDB4005H 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 your requesting tracing.

The variable fields of the message text are:

service	current operation
lu	LU name string
mode	mode name string

SDB4006H VTAM APPLID NOT SET - LU 6.2 SUPPORT NOT ACTIVATED

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. Note that other communication protocols may be activated even though VTAM LU6.2 is not being used.

SDB4007H 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 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
-----------	---------------------

SDB4050E 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 Mainframe Adapter Client system is terminated. The Mainframe Adapter Client application will probably report an error. Check for any Mainframe Adapter Client system error messages. If the failure continues, contact NEON Systems Technical Support.

The variable fields of the message text are:

errdesc	error description
ip	TCP/IP IP address

SDB4051E SSL CONNECTION FAILED - errdesc - RECEIVED FROM ip

Explanation: A Mainframe Adapter 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 Mainframe Adapter Client system is terminated. The Mainframe Adapter Client application will probably report an error. Check for any Mainframe Adapter Client system error messages. If the failure continues, contact NEON Systems Technical Support.

The variable fields of the message text are:

errdesc	error description
ip	TCP/IP IP address

SDB4052T var1 (var2,var3) - RV=var4 RC=var5 RE=var6

Explanation: An Unix System Services callable service request was issued and the results were unexpected.

Action: This message is traced to indicate an expected return value or return code from a USS callable service. Subsequent processing depends on the call issued. If the problem continues, contact NEON Systems Technical Support.

The variable fields of the message text are:

var1	Callable service entry point name
var2	Callable service formal name
var3	additional service call information
var4	The return value from the call
var5	The return code from the call (ERRNO)
var6	The reason code from the call

SDB4053E OPTPIN TIMED OUT WAITING FOR A SESSION TO BE PASSED

Explanation: OPTPIN was placed in posted state in anticipation of being passed a new connection, but the new session ECB was never posted. The connection attempt is abandoned.

Action: This message is trace to indicate an expected connection was not successfully passed from the listening task to the service task (OPTPIN). If the problem continues, contact NEON Systems Technical Support.

SDB4090T ACCESS TO IMS/TM IS NOT AUTHORIZED

Explanation: The product is not authorized for use with IMS/TM from Mainframe Adapter Client applications. The current request to use Mainframe Adapter Client to connect to IMS/TM 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 Mainframe Adapter Client applications to use the product to connect to IMS.

SDB4091T ACCESS TO IMS/TM IS NOT ENABLED, SET THE DESIRED IMS/OTMA AND/OR IMS/APPC INITIALIZATION PARAMETERS

Explanation: The product is not enabled for use with IMS/TM from Mainframe Adapter Client applications. The current request to use Mainframe Adapter Client to connect to IMS/TM on the host has been rejected. The current host session will be terminated.

Action: If access to IMS/TM from Mainframe Adapter Client applications is needed, enable IMS by setting the appropriate IMS connectivity parameters. You may use either IMS/OTMA or IMS/APPC as the transport for communication to IMS from the Shadow Mainframe Adapter Server address space.

SDB4092T ACCESS TO CICS IS NOT AUTHORIZED

Explanation: The product is not authorized for use with CICS from Mainframe Adapter Client applications. The current request to use Mainframe Adapter Client to connect to CICS 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 Mainframe Adapter Client applications to use the product to connect to CICS.

SDB4093T subsys1 MAXIMUM NUMBER OF subsys2 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:

subsys1	subsystem name
subsys2	subsystem name
cnt	count

SDB4094T ACCESS TO ADABAS IS NOT AUTHORIZED

Explanation: The product is not authorized for use with ADABAS from Mainframe Adapter Client applications. The current request to use Mainframe Adapter Client 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 Mainframe Adapter Client applications to use the product to connect to ADABAS.

SDB4095T ACCESS TO ADABAS IS NOT ENABLED, ENABLE ACCESS BY SETTING THE ABABASE PARAMETER VALUE TO YES

Explanation: The product is not enabled for use with ADABAS from Mainframe Adapter Client applications. The current request to use Mainframe Adapter Client to connect to ADABAS on the host has been rejected. The current host session will be terminated.

Action: If access to ADABAS from Mainframe Adapter Client applications is needed, enable ADABAS by setting the ADABAS product parameter to YES.

SDB4096T ACCESS TO SHADOW_VSAM IS NOT AUTHORIZED

Explanation: The product is not authorized for use with VSAM/SEQ from Mainframe Adapter Client applications. The current request to use Mainframe Adapter Client 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 Mainframe Adapter Client applications to use the product to connect to VSAM/SEQ.

SDB4097T ACCESS TO IMS/DB IS NOT ENABLED, ENABLE ACCESS BY SETTING THE DBCTL PARAMETER VALUE TO YES

Explanation: The product is not enabled for use with IMS/DB from Mainframe Adapter Client applications. The current request to use Mainframe Adapter Client to connect to IMS on the host has been rejected. The current host session will be terminated.

Action: If access to IMS/DB from Mainframe Adapter Client applications is needed, enable IMS/DB by setting the DBCTL product parameter to YES.

SDB4098T NO ACTIVE STARTED TASK COPY OF THE PRODUCT LOCATED

Explanation: The userid and password provided by the Mainframe Adapter 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 Mainframe Adapter Client application is connecting to a test copy of the product running under TSO. This error can only occur while 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.

SDB4099T Mainframe Adapter Client USERID 'usid' UNEQUAL TO TSO USERID 'usid'

Explanation: The userid provided by the Mainframe Adapter 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 while attempting to connect to a test copy of the host code running under TSO.

Action: The session is not permitted to proceed. The Mainframe Adapter Client must supply a valid userid/password combination (for the host) in order for the session to proceed. Change the Mainframe Adapter Client's userid to be the same as the TSO userid.

The variable fields of the message text are:

usid	the Mainframe Adapter Client userid
usid	the TSO userid

SDB4100E BIND WITH rntype host FAILED - NO MATCHING desc

Explanation: The bind with the remote system failed because the local and 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 Technical Support.

The variable fields of the message text are:

rntype	type of remote node
host	remote host name
desc	description of bind problem

SDB4101T PASSWORD VALIDATED FOR USERID 'usid' FROM rntype host

Explanation: The userid/password combination from a remote (and untrusted) Mainframe Adapter Client was successfully validated.

Action: No action is required. Processing continues.

The variable fields of the message text are:

usid	the remote userid
rntype	type of remote node
host	remote host name

SDB4102T LOGON ATTEMPT FAILED FOR USERID 'usid' FROM rntype host

Explanation: A remote Mainframe Adapter Client was unable to connect for one of the reasons: (1) the userid/password combination may not have been valid or (2) the Shadow Event Facility (SEF) may have rejected the logon attempt.

Action: The session is not permitted to proceed. The Mainframe Adapter Client must supply a valid userid/password combination (for the host) in order for a session to proceed. Ensure that the Mainframe Adapter Client's classification as untrusted is valid. If it is not, use the ADDRESS S__ MODIFY LINK command to change its status. If the Mainframe Adapter Client was rejected 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:

usid	the remote userid
rntype	type of remote node
host	remote host name

SDB4103T 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: None. This message is informational only.

The variable fields of the message text are:

text the text of the ACF2/RACF message

SDB4104T 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 Mainframe Adapter Client must supply a valid userid/password combination (for the host) in order for a session to proceed. Ensure that the Mainframe Adapter 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

SDB4105E BIND FAILED - NO MATCHING COMPRESSION TYPE

Explanation: The bind with the remote system failed because the local and 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 Technical Support.

SDB4106E BIND FAILED - NO MATCHING POINTER ENCODING TYPE

Explanation: The bind with the remote system failed because the local and 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 Technical Support.

SDB4107E BIND FAILED - NO MATCHING DATA ENCODING TYPE

Explanation: The bind with the remote system failed because the local and 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 Technical Support.

SDB4108E BIND FAILED - NO MATCHING APPLICATION TYPE

Explanation: The bind with the remote system failed because the local and 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 Technical Support.

SDB4109E BIND FAILED - NO MATCHING PROCESSING FUNCTIONS

Explanation: The bind with the remote system failed because the local and 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 Technical Support.

SDB4110S INVALID MODE DETECTED - LU lu ROUTINE routine

Explanation: The LU 6.2 processing routine detected an invalid mode string. The mode string cannot be used for further processing.

Action: Report the error to NEON Systems Technical Support. 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

SDB4111S INVALID LU NAME DETECTED - ROUTINE routine

Explanation: The LU 6.2 processing routine detected an invalid LU name string. The LU name string cannot be used for further processing.

Action: Report the error to NEON Systems Technical Support. 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
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SDB4112T USAGE RESTRICTED TO oem

Explanation: The product is not authorized for use with general purpose Mainframe Adapter Client applications. The current request to use the Mainframe Adapter Server host has been rejected. The product is only authorized for use with an OEM vendor ODBC application.

Action: Contact NEON Systems at 281-491-4200 to obtain a new license code that will enable all Mainframe Adapter Client applications to use the product.

The variable fields of the message text are:

oem	OEM vendor name
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SDB4113T %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 responsible for administering the Shadow Mainframe Adapter Server to explore the possibility of raising the current maximum user count.

SDB4114T DYNAMIC SQL IS NOT ALLOWED BY THIS INSTANCE OF THE SHADOW Mainframe Adapter Server

Explanation: This instance of the Shadow Mainframe Adapter Server is to be used for static-only DB2 applications. The dynamic SQL request has been rejected.

Action: Contact the person responsible for administering the Shadow Mainframe Adapter Server for the Shadow Mainframe Adapter Server(s) available that support dynamic SQL.

SDB4115S SECONDARY USERID COUNT (%1) EXCEEDS MAXIMUM (%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 secondary userids is not possible, contact NEON Systems Technical Support for assistance.

SDB4116T ACCESS TO DB2 IS NOT AUTHORIZED

Explanation: The product is not authorized for use with DB2 from Mainframe Adapter Client applications. The current request to use Mainframe Adapter Clients 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 Mainframe Adapter Client applications to use the product to connect to DB2.

SDB4117T CONNECTION MODE IS NOT AUTHORIZED

Explanation: An Mainframe Adapter Client 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.

SDB4118T INSUFFICIENT VIRTUAL STORAGE IS AVAILABLE TO HANDLE THIS SESSION, SESSION REJECTED

Explanation: A Mainframe Adapter Client 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 Mainframe Adapter 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. One of the following solutions is recommended: (1) the amount of virtual storage per connection must be reduced, (2) the number of connections must be reduced, or (3) the load must be spread across multiple copies of the product.

SDB4119T REXX VARIABLE ERROR rc1-fc rc2 DURING FETCH OF varname FOR SEF rule procname

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. The S0C3 abend forces termination of the Shadow/REXX interpreter. It also stops the 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 of this error is an EXIT from a subroutine of the main Shadow/REXX procedure. If the subroutine contains a PROCEDURE {EXPOSE} statement, some or all of the Mainframe Adapter Server's built-in variables are hidden during EXIT processing and are not available for post-REXX-execution interrogation by the rule facility. Ensure that the Shadow/REXX routine does not deliberately specify an EXIT from an internal PROCEDURE. For other SHVRET error codes, the most likely cause of the error is an internal Mainframe Adapter 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 the problem(s). Contact NEON Systems Technical Support if this procedure fails to resolve the problem.

The variable fields of the message text are:

rc1	SHVRET return code value as defined in IRXSHVB control block for IRXEX-COM
fc	description of SHVRET feedback code
rc2	R15 return code from IRXEXCOM
varname	REXX variable name
procname	REXX procedure name

SDB4120T REXX VARIABLE "varname" TRUNCATED FOR SEF RULE rule - SIZE (size1) LONGER THAN MAX SIZE (size2)

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 Mainframe Adapter 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:

varname	REXX variable name
rule	SEF rule where Shadow/REXX exec is located
size1	actual size of the variable data
size2	allowed maximum size for this variable

SDB4121W 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 that occurs 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, ensure that your installation has an exit (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

SDB4122W ABEND abcd AT mod+off IN LINE num OF rule

Explanation: Shadow SEF event processing detected an abend. The current rule processing request is terminated.

Action: Determine what caused the abend. External interrupts (like a job CANCEL) may cause an abend. Determine if any Shadow parameters limited the processing of the current rule. Refer to the Shadow Reference for Shadow parameters. Contact your local Shadow systems group for assistance.

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
num	statement number being executed
rule	ruleset rulename

SDB4123W SEF PROCESSING OF ruletype searchid FOR jb ABORTED

Explanation: Shadow SEF event processing routine detected an abend. The current rule processing request is aborted.

Action: Determine what caused the abend. External interrupts (like a job CANCEL) may cause the current rule to be aborted. If an abend happened in Shadow, contact your local Shadow systems programming group for assistance. If an abend happened within a job, 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:

ruletype	current rule type
searchid	search id at time of abend
jb	jobname at time of abend

SDB4124W CANNOT language PROCEDURE procname - %3 SECTIONS NOT ENABLED

Explanation: Shadow SEF event processing routine detected that a TYP rule that is referenced by another even procedure has been disabled. The event procedure cannot be run because the TYP rule is currently disabled. Processing of the procedure is bypassed.

Action: Determine why the TYP rule is disabled, and re-enable it.

The variable fields of the message text are:

language	TYP rule language name
procname	event procedure which cannot be run

SDB4127E text FOR MESSAGE ID=mgid

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:

text	error text
mgid	message id string

SDB4128E RULE rule SET varname TO AN INVALID cb 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:

rule	ruleset rulename
varname	compound variable name
cb	control block field name

SDB4129E text FOR ruletype RULE rule

Explanation: Shadow SEF event processing encountered too many internally generated compound symbols (security related), or the length of one of the internally generated compound 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:

text	error text
ruletype	rule type string
rule	ruleset rulename string

SDB4130E RULE rule DISABLED FOR EXCEEDING FIRING LIMIT OF value

Explanation: Shadow SEF event processing detected excessive firing of the rule named in the message. As a result, the rule has been disabled.

Action: If appropriate, increase the firing limit, and enable the rule.

The variable fields of the message text are:

rule	ruleset rulename string
value	rule firing limit

SDB4131E RULE rule HAS EXCEEDED THE SEF FIRING LIMIT OF value

Explanation: Shadow SEF event processing detected excessive firing of the rule named in the message. The associated parameter, SEFLIMITDISABLE, indicates that the rule is not to be disabled.

Action: This message is informational. No response is required. You may wish to code a message rule that conditionally disables the rule.

The variable fields of the message text are:

rule	ruleset rulename string
value	rule firing limit

SDB4132I USER PROGRAM mod 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 within STEPLIB.

The variable fields of the message text are:

mod	user load module name
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SDB4133I MSG.CONSNAM NOT ALTERED - CONSOLE NAME cn INVALID

Explanation: This message indicates one of two possible errors. A message rule may have attempted to modify the MSG.CONSNAM variable with a new value that was an invalid name. Also, the message rule may have modified the MSG.CONID variable, and when Shadow attempted to translate the new

console id to a corresponding console NAME, found that console to be invalid. NOTE: If modified, MSG.CONSNAM takes precedence over MSG.CONID.

Action: Validate the rule processing.

The variable fields of the message text are:

cn	console name
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SDB4134E 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, contact 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

SDB4135E SEF RULE PROCESSOR ENTERED BY csect FOR INVALID EVENT TYPE - code

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, showing the TCB address, surrounding the time of this error, and contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

csect	calling csect name
code	invalid event type code value

SDB4136E ABEND DURING cb 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

cb	control block name
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SDB4137T ENTERPRISE AUDITING GENERIC USERID userid NOT DEFINED TO HOST SECURITY SYSTEM OR REJECTED

Explanation: Shadow Enterprise Auditing was activated on the connection and the Mainframe Adapter Client attempted to send the specified generic userid for authorization checking. However, the userid was not defined to the Host security system (ACF2, RACF or Top Secret) or was invalid for some other reason.

Action: The session is not permitted to proceed. The Mainframe Adapter Client must supply a valid host userid. Contact the Installation Security Administrator to define or repair the userid.

The variable fields of the message text are:

userid the generic userid supplied

SDB4138T SHADOW CONSOLE AGENT CONNECTION FROM host

Explanation: A Shadow Console Agent connected from the remote host specified. The purpose of this connection is for the Agent to retrieve a list of Authorized Shadow Console Mainframe Adapter Servers.

Action: This message is informational only. No action is necessary.

The variable fields of the message text are:

host remote host name

SDB4150T desc addr size PLAN pln

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
pln the plan name

SDB4151T desc addr1 size DBRM dbrm CURSOR num1 DATA addr2 cnt QUERY length num2 TYPE stmt

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
addr1 address of the control block
size size of the control block in hex
dbrm the DBRM name
num1 SQL section number
addr2 first data block address
cnt number of chained data blocks
length total data row length
num2 number of query columns
stmt last prepared statement type

SDB4152T desc addr size value1 value2

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
value1	next offset value (hex)
value2	last offset value (hex)

SDB4153T desc data length1 length2 col

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
data	type of data for the column (integer)
length1	length of the data in the column (hex)
length2	length of the column name (integer)
col	column name (up to 30 characters)

SDB4180S INVALID BUFFER RECEIVED FROM A Mainframe Adapter Client SYSTEM

Explanation: This message is issued if an invalid communication buffer is received from a Mainframe Adapter Client system. The buffer should have contained a request for additional RPC data. However, it did not contain such a request.

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 Technical Support for assistance.

SDB4181S 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 Technical Support for assistance.

SDB4182I value PERCENT OF MAX CONCURRENT RPC THRESHHOLD ACHIEVED,value, value

Explanation: This message is produced once every 60 seconds when the currently executing number of rpc's is equal to or greater than 80 percent of the max allowable specified by RPCMAX parameter. The first value is the max number observed during the life of the Mainframe Adapter Server. The second value is the observed value at the time of the message.

Action: None, this message is informational only.

The variable fields of the message text are:

value	current percentage of max setting
value	current max setting
value	number concurrently executing

SDB4183I MAX CONCURRENT RPC EXECUTION LESS THAN 80 PERCENT OF MAX SETTING,value, value

Explanation: This message is produced when the number of concurrently executing RPC's drops below the 80 percent threshold, and message 4182 was produced at least once.

Action: None, this message is informational only.

The variable fields of the message text are:

value	current max setting
value	number concurrently executing

SDB4184T LSQA STORAGE AVAILABLE FOR ALLOCATION LESS THAN THRESHOLD VALUE, Parameter, Computed

Explanation: This message can be produced when either of two conditions are met. 1)The LSQATHRESHOLD parameter is set to a value greater than zero, and the storage available that could be allocated to LSQA falls below the setting. 2) The PRIVTHRESHOLD parameter is set a value greater than zero, and the storage available that could be allocated to private falls below the setting. These parameter settings are for below the 16 megabyte line.

Action: The logon of the Mainframe Adapter Client is rejected. These two parameters are intended to prevent Shadow address space terminations due to out of storage conditions.

The variable fields of the message text are:

LSQA	or PRIVATE
Parameter	value
Computed	available amount

SDB4190E BIND WITH rntype host FAILED - NO MATCHING desc

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 Technical Support for assistance.

The variable fields of the message text are:

rntype	type of remote node
host	name of remote node
desc	specific description of problem

SDB4191E 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
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SDB4192T service1 - service2 - desc

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:

service1	ODBC service being called (IMSTM, CICSEXCI)
service2	element/operation in error
desc	error description

SDB4200I host: 'cmd'

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:

host	host environment name string (message)
cmd	host command insert

SDB4201E 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
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SDB4233I 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.

SDB4250E 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
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SDB4251E 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

SDB4260H TCP/IP comp FOR SUBSYSTEM 'subsys' st

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:

comp	the component S__ is looking for
subsys	the TCP/IP subsystem name
st	the component's status

SDB4261H IBM TCP/IP (IUCV) STARTED TASK NAME NOT SET - IUCV SUPPORT NOT ACTIVATED

Explanation: The name of the TCP/IP started task has not been set. IUCV TCP/IP processing using this copy of the product will not be activated.

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. Note that other processing can still take place (VTAM and other TCP/IP protocol stacks) even after the IBM IUCV TCP/IP task shuts down.

SDB4262S 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
------------	-------

SDB4263S 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.

SDB4264H 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 Technical Support for assistance.

SDB4266S 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 NEON Systems Technical Support for assistance.

SDB4267S 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.

SDB4268S SSL AND NON-SSL PORTS MATCH - TCP/IP TERMINATED

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 port number or the NON-SSL port number, and restart the product. The product parameter for setting the SSL port number is IBMSSLPORTNUMBER. The product parameter for setting the non-SSL port number is IBMPORTNUMBER.

SDB4269H MVS (IUCV) TCP/IP PORT NUMBER NOT SET - IUCV SUPPORT NOT ACTIVATED

Explanation: The port number for MVS TCP/IP has not been set. TCP/IP processing using the MVC IUCV interface is not possible.

Action: The IUCV 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. Note that other supported protocols (such as OE SOCKETS TCP/IP) may be used even when the IUCV interface is not in use.

SDB4270H %1 SUBSYSTEM NAME NOT SET - %1 TCP/IP SUPPORT NOT ACTIVATED

Explanation: The name of the OEM vendor TCP/IP subsystem has not been set. TCP/IP processing using this copy of the product is not possible using the OEM vendor's TCP/IP stack.

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. Note that other communication protocols (such as OE SOCKETS TCP/IP) may be used even when the OEM Vendor TCP/IP interface is not in use.

SDB4271S SSL AND NON-SSL PORTS MATCH - TCP/IP TERMINATED

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 port number or the NON-SSL port number, and restart the product. The product parameter for setting the SSL port number is ITCSSLPORTNUMBER. The product parameter for setting the non-SSL port number is ITCPORTNUMBER.

SDB4272H 'vend' TCP/IP comp FOR SUBSYSTEM 'subsys' st

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:

vend	the TCP/IP vendor
comp	the TCP/IP component
subsys	the TCP/IP component subsystem name
st	the component's status

SDB4273H vend comp SUPPORT IS BEING ACTIVATED

Explanation: This message is issued by each of the four available communication protocol tasks when the corresponding protocol support is being activated. Other messages are issued if support for a particular protocol is not being made active during start-up.

Action: No action is required.

The variable fields of the message text are:

vend	the protocol vendor
comp	the protocol type

SDB4274S Non-load balancing TCP/IP port matches normal port or SSL port, Main-frame Adapter Server terminating

Explanation: A non-load balanced TCP/IP port has been specified. However the port number is the same as the standard TCP/IP Port or the SSL Port.

Action: Change the port numbers so they do not match and restart the product. The product parameter for setting the SSL port is OESSLPORTNUMBER. The product parameter for the non-load balanced port is OENLPORTNUMBER. The product parameter for setting the non-SSL port number is OEPORTNUMBER.

SDB4275I TARGETTHREADCOUNT REACHED -- AT LEAST ONE PROCESS WAITING

Explanation: This message is issued when the TARGETTHREADCOUNT was reached in the prior checking interval. This means that some number of requests will have their processing delayed until a subtask is freed by the completion of another request. This is not a serious error if it happens infrequently. If response time complaints occur accompanied by these messages, the limit should be raised.

Action: Raise the specification of the TARGETTHREADCOUNT parameter. The default value is 100.

SDB4276S cnt NEW PROCESS BLOCK DYNAMIC ALLOCATION FAILURES DUE TO UNKNOWN REASONS

Explanation: This message is issued when a change is noted in the number of process block dynamic allocation failures. These failures will be noted when process block dynamic allocation fails for reasons other than storage constraints. This is a serious error.

Action: The bypass is to pre-allocate a sufficient number of process blocks during Shadow initialization via the PROCESS parameter. This number can be determined via Shadow ISPF panel (Shadow statistics) 5.4 and the PC PROC BLK HIGH WATER COUNT value. Add 2 or 3 to this number, and use it as the initial PROCESS parameter value. Contact Neon Systems Technical Support for a permanent solution.

The variable fields of the message text are:

cnt	number of dynamic allocation failures
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SDB4277S cnt NEW PROCESS BLOCK DYNAMIC ALLOCATION FAILURES DUE TO STORAGE RESTRAINTS

Explanation: This message is issued when a change is noted in the number of process block dynamic allocation failures. These failures will be noted when process block dynamic allocation is unable to obtain either private storage within the Shadow address space or common storage within the extended common storage area (ECSA). This is a serious error.

Action: The bypass is to pre-allocate a sufficient number of process blocks during Shadow initialization via the PROCESS parameter. This number can be determined via Shadow ISPF panel (Shadow statistics) 5.4 and the PC PROC BLK HIGH WATER COUNT value. Add 2 or 3 to this number, and use it as the initial PROCESS parameter value. Contact Neon Systems Technical Support for a permanent solution.

The variable fields of the message text are:

cnt	number of dynamic allocation failures
------------	---------------------------------------

SDB4278I cnt1 NEW PROCESS BLOCKS ALLOCATED. TOTAL PROCESS BLOCK COUNT: cnt2

Explanation: This message is issued when a change is noted in the number of new process blocks that have been dynamically allocated. The message also displays the total number of cross memory process blocks in the pool.

Action: If the process block pool initialization count is set too low, there may be a few of these messages during the early portion of execution or during the first peak period of operation. This should be considered normal operation. If these messages persist and the size of the process block pool continually rises, it is possible that process blocks are not being freed and placed back into the pool as they should. In this case, contact Neon Systems Technical Support for further analysis.

The variable fields of the message text are:

cnt1	new process block dynamic allocations
cnt2	total number of process blocks in pool

SDB4279I cnt 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 that 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 that (1) are cancelled with S622 abends (because the RESMGR EOT intercept is not scheduled by MVS) or (2) 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 (TRACEDETACHEVENTS 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, contact NEON Systems Technical Support for further analysis.

The variable fields of the message text are:

cnt	new RESMGR failures detected
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**SDB4280T tlimtyp TIME LIMIT EXCEEDED FOR usid FROM rntype NODE host PLAN
pln CNID cnid TP pgm**

Explanation: This message is issued when a task has exceeded a warning limit of some kind. The limit may have been either 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:

tlimtyp	time limit type (CPU or wait)
usid	userid string
rntype	type of remote node
host	remote host name
pln	plan name string
cnid	connection id value
pgm	program name

**SDB4281T tlimtyp TIME LIMIT EXCEEDED FOR usid FROM rntype NODE host PLAN
pln CNID cnid TP pgm**

Explanation: This message is issued when a task has exceeded an error limit of some kind. The limit may have been either 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:

tlimtyp	time limit type (CPU or wait)
usid	userid string
rntype	type of remote node
host	remote host name
pln	plan name string
cnid	connection id value
pgm	program name

**SDB4282T tlimtyp TIME LIMIT EXCEEDED FOR usid FROM rntype NODE host PLAN
pln CNID cnid TP pgm**

Explanation: This message is issued when a task has exceeded a failure limit of some kind. The limit may have been either 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:

tlimtyp	time limit type (CPU or wait)
usid	userid string
rntype	type of remote node
host	remote host name
pln	plan name string
cnid	connection id value
pgm	program name

SDB4283T SMAF UPDATE FAILED FOR TCB addr1 CMTX ENTRY addr2 SMAF addr3

Explanation: This message is issued when an attempt to update product limits in a SMAF block has 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:

addr1	target TCB address
addr2	TCB list entry address
addr3	SMAF block address

SDB4284S 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
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SDB4285S 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 is 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
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SDB4286S 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 occur only 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.

SDB4287S cnt PENDING LOGGING REQUESTS FOUND FOR DATABASE 'subsys'

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
subsys	database subsystem name

SDB4288S cnt PENDING LOGGING REQUESTS CLEARED FOR DATABASE 'subsys'

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
subsys	database subsystem name

SDB4289S cnt SS-PC ENTRY FAILURES DETECTED, LAST: 'reason' AT time

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. Usually, these failures are due to the inability of the product to obtain stack storage from its pool of pre-allocated cross-memory process blocks, and this message will be immediately preceded by message 4285S.

Action: If this message was preceded by message 4285S, terminate the main product as soon as possible, and raise the number of process blocks using the PROCESS product parameter, as described for message 4285S. If message 4285S 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
time	timestamp of last PC entry failure

SDB4290E wrkspc GLOBAL VARIABLE WORKSPACE IS var2 FULL (cnt OF num BLOCKS USED). PROGRAM=pgmname.

Explanation: The global (or temporary global) variable workspace, which contains global variables, has met or exceeded the warning threshold of blocks in use as defined by the GLOBALWARNTHRESH (or GLOBALTEMPWARNTH) product parameter. This message will also be issued every time a new high-water mark that is at least 5% higher than the previous high-water mark is met or exceeded. 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, 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 data set is too small, allocate a larger global variable DIV data set, 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:

wrkspc	TEMP or " " to indicate type of workspace
var2	global variable workspace % full
cnt	current global workspace blocks in use count
num	total number of blocks (GLOBALMAX)
pgmname	REXX program name or ruleset.rulesetname

SDB4291T 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

SDB4292E POSSIBLE wrkspc 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 of the data. If the 0180I messages associated with the rebuild indicate any loss of data, perform the following: (1) print any LOGREC software records created by Shadow, (2) print the relevant sections of the Trace Browse leading up to the issuance of this message, (3) record the exact text of this message, and (4) contact NEON Systems Technical Support for further assistance.

The variable fields of the message text are:

wrkspc	TEMP or " " to indicate type of workspace
var2	error detection type (SYNC or DELAYED)
var3	integrity flag byte in hexadecimal

SDB4294E 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 SDBVALUE or SWSVALUE function that issued this request will fail with a REXX error code of 40.

Action: Ensure that MSF is active, and then define and activate the required system. Re-issue the remote SDBVALUE or SWSVALUE request.

The variable fields of the message text are:

sysid	MSF system id
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SDB4295E errdesc

Explanation: A cross-system SDBVALUE 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
----------------	-------------------

SDB4296S GLV SUBTASK HAS TERMINATED. ZEROING WORKSPACE 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 SDBVALUE 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.

**SDB4297S routine OF GLOBAL VARIABLE POOL FAILED:
HASN=asid1,PASN=asid2,SASN=asid3,MODE=var2,RC=rc,CALLER=csect**

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 NEON Systems Technical Support for further assistance.

The variable fields of the message text are:

routine	lock or unlock
asid1	home asid
asid2	primary asid
asid3	secondary asid
var2	PROB or SUP
rc	return code value
csect	caller's CSECT name

SDB4298S GLOBAL VARIABLE routine 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:

routine	lock or unlock
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SDB4300I 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
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SDB4301S 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 of all the information in the message text, and contact Shadow Technical Support for assistance.

The variable fields of the message text are:

service	current operation
desc	description
rc	return code

SDB4302S 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 and at what location it occurred.

Action: Check the full text of the error message, and take whatever corrective action is appropriate. For further assistance with this problem, contact NEON Systems technical support.

The variable fields of the message text are:

abcd	abend code
desc	description (e.g. SEF cmd)
mod	module name
off	module offset

SDB4303E 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: Ensure that Shadow is still active. If Shadow is still active, check the status of the SEF execute queue using SDB/SWS. If there is a backlog of SEF requests, try to determine what caused the backlog, and attempt to resolve the problem. If the problem cannot be resolved, contact NEON Systems Technical Support for further assistance.

SDB4304E SEF COMMAND errdesc: 'cmd'

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)
cmd	SEF verb or command string

SDB4305E SDB/SWS VERSION ver1 IS INCOMPATIBLE WITH VERSION ver2 OF SUB-SYSTEM 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: Ensure that the correct Shadow load library is allocated to your TSO environment, or address the SEF request to a copy of Shadow that is running the a compatible version.

The variable fields of the message text are:

ver1	SDB/SWS version string
ver2	main product version string
subsys	subsystem name

SDB4307E SUBSYS SEF COMMAND CANNOT BE ISSUED IN A RULE

Explanation: The SUBSYS SEF command cannot be issued from within an SEF rule environment

Action: Force this section of code to run in a Mainframe Adapter Server using OPSREQ.

SDB4308E 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

SDB4319T ABEND IN 'ADDRESS SWSEND' CODE=cmpc, REASON=rc AT ad

Explanation: An abend occurred within the ADDRESS SWSEND host environment.

Action: Check for other errors that might explain the condition.

The variable fields of the message text are:

cmpc	abend completion code
rc	abend reason code

SDB4320H 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. This message is 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

SDB4321E CURRENT verb COMMAND NOT AUTHORIZED - msg

Explanation: Shadow Shadow/REXX SEF command authorization check routine found that the current user is not authorized to execute the SEF command. Access to the EXECUTE command is denied.

Action: Check the the verb string of the error message text for the command whose access is denied. Ensure that 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:

verb	verb string
msg	authorization error check message

SDB4322S 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

SDB4323E INVALID SYSTEM LIST SPECIFIED (ALL) IS MUTUALLY EXCLUSIVE WITH (EXT)

Explanation: The SYSTEM parameter specification is invalid.

Action: System(s) selection should specify either EXTERNAL systems or ALL systems. ALL and EXTERNAL system names are mutually exclusive.

SDB4324E INVALID SYSTEM LIST SPECIFIED (ALL) IS MUTUALLY EXCLUSIVE WITH A SINGLE SYSTEM NAME

Explanation: The SYSTEM parameter specification is invalid.

Action: System(s) selection should specify either a single system or ALL systems. ALL system names and a single system name are mutually exclusive.

SDB4325E INVALID SYSTEM LIST SPECIFIED (EXT) IS MUTUALLY EXCLUSIVE WITH A SINGLE SYSTEM NAME

Explanation: The SYSTEM parameter specification is invalid.

Action: System(s) selection should specify either a single system or EXTERNAL systems. EXTERNAL system names and a single * system name are mutually exclusive.

SDB4326E USAGE OF SYSWAIT KEYWORD AND NOOUTPUT CREATES A CONFLICT

Explanation: The SYSWAIT & NOOUTPUT keywords are in conflict.

Action: Use either SYSWAIT or NOOUTPUT, but do not use both.

SDB4327E 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 verify that the system name syntax is correct.

The variable fields of the message text are:

sysid MSF system id

SDB4328E NO ACTIVE MSF SYSTEM FOUND

Explanation: No active MSF session was found.

Action: Define the desired system name using ADDRESS OPSCTL MSF DEFINE, and retry the operation.

SDB4329E ADDRESS SEF GENERATED NO OUTPUT WHEN OUTPUT WAS REQUESTED

Explanation: The current SEF command did not receive any output from the remote system when output was expected.

Action: Ensure that the connecting cross system has the same level of Shadow and that the connection is still valid.

SDB4330W SYSWAIT TIME EXCEEDED BEFORE ALL OUTPUT RECEIVED

Explanation: A cross system SEF command did not receive the last 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 message. If some messages were not received, increase the MSFSYSWAIT parameter for Shadow.

SDB4331E SYSTEM ID system IS NOT AN ACTIVE MSF SYSTEM

Explanation: The address SEF cross system request is denied due to the fact that the specified system id is not an active system.

Action: Ensure that the current system name is specified. If the syntax is correct, ensure that the system id is activated through MSF.

The variable fields of the message text are:

system system name

SDB4332E CROSS SYSTEM (system) VERSION MISMATCH

Explanation: The SEF cross system failed because the specified cross system is not at the same level as the current system.

Action: Ensure that the connecting system is running the same version as the current system.

The variable fields of the message text are:

system system name

SDB4333E SYSTEM KEYWORD NOT SUPPORTED FOR DYNAMIC RULES

Explanation: The 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.

SDB4334E DYNAMIC RULE rule MAXIMUM RULE SIZE EXCEEDED

Explanation: The maximum dynamic rule source text size of one megabyte (1MB) 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

SDB4335E DYNAMIC RULE rule MAXIMUM RULE LINE SIZE EXCEEDED

Explanation: The maximum dynamic rule source text line length of 255 characters was exceeded for the rule specified.

Action: Reduce the line length for the dynamic rule.

The variable fields of the message text are:

rule rule name

SDB4336E var1 var2 var3 var4 var5 var6 var7 var8

Explanation: An SEF command was invalid or has failed for the reason indicated in the message

Action: Correct and re-submit the SEF command

The variable fields of the message text are:

var1	variable information
var2	variable information
var3	variable information
var4	variable information
var5	variable information
var6	variable information
var7	variable information
var8	variable information

SDB4337T THE TSO COMMAND IS INVALID DUE TO errdesc

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:

errdesc	description of validation error
----------------	---------------------------------

SDB4338I TSO REMOTE EXECUTION TIMEOUT VALUE SET TO time

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:

time	current timeout value in 100ths of a second
-------------	---

SDB4339T addr COMMAND TIMED OUT

Explanation: An ADDRESS TSO or ADDRESS CGI host command did not complete within the allowed time. The requesting routine is redispached.

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 Mainframe Adapter Servers.

The variable fields of the message text are:

addr	address environment name
-------------	--------------------------

SDB4340S SUBSYSTEM subsysid INACTIVE, MUST BE (RE)STARTED

Explanation: An ADDRESS TSO or ADDRESS TSOSRV host command has been directed to a Shadow subsystem that is not currently active.

Action: Start or restart 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
-----------------	----------------------

SDB4341S 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.

SDB4342E TSO COMMAND LENGTH (length1) EXCEEDS MAXIMUM LENGTH (length2)

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 Mainframe Adapter Server SYSTSIN DD statement, whichever is smaller).

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 Mainframe Adapter Server REXX program, use global variables to pass the values.

The variable fields of the message text are:

length1	length of TSO command string
length2	TSO command string implementation limit

SDB4343S TSO SERVICE ERROR - errdesc

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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

errdesc	description of the error
----------------	--------------------------

SDB4344S TSO SERVICE ERROR - abcd1 abcd2 - 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

abcd1	abend code
abcd2	abend code
rscd	reason code

SDB4345S 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

desc	description
rscd	reason code

SDB4346E CURRENT verb COMMAND NOT AUTHORIZED - msg

Explanation: The 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

SDB4347S 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

SDB4348S rsrce ss FAILED, RC=rc, DETECTED AT ad

Explanation: Some type of error occurred during invocation of a Shadow service routine associated with the ADDRESS TSO or ADDRESS OSF environment. The error occurred while attempting to set up the environment 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. Otherwise, contact 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

SDB4349S MESSAGE SEND TO TSO EXECUTE QUEUE FAILED, RC=rc, DETECTED AT ad

Explanation: Shadow has attempted to send a command to the TSO Mainframe Adapter Server execute queue in a Shadow Mainframe Adapter Server address space, and the attempt 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 is a rule or some combination of rules that is looping, (2) there is a loop in an application that is causing TSO commands to be issued very frequently, (3) there are too few Mainframe Adapter Servers or the Mainframe Adapter Servers may be tied up running relatively long processes, or (4) the TSO execute queue may be too small for your Mainframe Adapter Server workload.

Action: Review the contents of the message and any associated messages, 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
-----------	--

SDB4350I 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
------------	-------------

SDB4351I DRA CONTROL EXIT INVALID PAPL SUBFUNCTION = sfunc

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:

sfunc	PAPL subfunction code
--------------	-----------------------

SDB4352I DRA CONTROL EXIT INVALID PAPL FUNCTION = func

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:

func	PAPL function code
-------------	--------------------

SDB4353I 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.

SDB4354I IMS CCTL SUPPORT TERMINATING

Explanation: This is an informational message that is issued when the product terminates its IMS CCTL support. If the IMS CCTL support is being terminated due to a fatal error condition, this message will have been preceded by error messages which depict the exact error condition encountered.

Action: Follow the course of action recommended for the error messages that preceded this error message. If the product CCTL support continues to terminate due to a fatal error condition, contact NEON Systems Technical Support for further assistance.

SDB4355I 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: Check the MVS system log for any IMS messages occurring around the time of this failure. Correct any IMS problems that may have occurred, and restart the S__ address space. If the problem continues to persist, contact NEON Systems Technical Support for further assistance.

SDB4356I IMS DRA TERMINATING DUE TO UNKNOWN ERROR CONDITION

Explanation: The IMS Data Resource Adaptor running inside of the main product address space has terminated due to some unknown error condition. Product IMS support will be terminated.

Action: Check the MVS system log for any IMS messages occurring around the time of this failure. Correct any IMS problems that may have occurred, and restart the S__ address space. If the problem continues to persist, contact NEON Systems Technical Support for further assistance.

SDB4357I 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, contact NEON Systems Technical Support for further assistance.

SDB4358I REQUEST FAILED PRODUCT NOT IDENTIFIED TO IMS

Explanation: The product has made one or more attempts identify itself to the IMS DBCTL region, but the attempts have failed. There is currently 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.

SDB4359I PSB SCHEDULE REQUEST UNSUCCESSFUL

Explanation: The product was unable to successfully schedule the PSB specified by the Mainframe Adapter Client application.

Action: Check the PSB name to ensure that it is correct. If the problem continues to persist, contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

psb	PSB name
------------	----------

SDB4360I REQUEST FAILED - PSB NOT IN SCHEDULED STATE

Explanation: The current request requires that a prior PSB schedule attempt had completed successfully, and no active thread was found for this task.

Action: Check the program logic in the Mainframe Adapter 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, contact NEON Systems Technical Support for further assistance.

SDB4362I INVALID BUFFER FUNCTION CODE func

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 Mainframe Adapter Client.

Action: Verify that the host application requested by the Mainframe Adapter Client matches the current call to the host. Contact NEON Systems Technical Support for further assistance, if necessary.

The variable fields of the message text are:

funcc buffer function code

SDB4363I PREVIOUS CCTL TERMINATION FAILED, INITIALIZATION WILL USE PREVIOUS SESSION PAPLCTOK VALUE

Explanation: This is an informational message that is issued during product initialization when the CCTL initialization routine determines that the previous CCTL termination did not complete successfully.

Action: No action is required. This message is for informational purposes only.

SDB4380H OE SOCKETS PORT NUMBER NOT SET - OE SOCKETS TCP/IP SUPPORT NOT ACTIVATED

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. Note that other protocols can still be used (such as MVS IUCV TCP/IP) even though OE Sockets TCP/IP is not activated.

SDB4381H 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 cannot be used within the same copy of the product as non-OE Sockets. (That is, MVS IUCV TCP/IP cannot be used in the same copy of the product in which OE Sockets TCP/IP is to be used).

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. In that case, 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.

SDB4382H NON LOAD-BALANCED PORT OPEN FAILURE

Explanation: An error occurred when trying to open a socket for a non load-balanced port.

Action: Verify that the port number is correct.

SDB4386S 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 NEON Systems Technical Support for additional assistance.

SDB4387S 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.

SDB4388S SSL AND NON-SSL PORTS MATCH - OE SOCKETS SSL PORT IS RESET TO ZERO

Explanation: SSL processing has been requested. However, the SSL port number is the same as the non-SSL port number. The OESSLPORTNUMBER is set to zero. The non-SSL port number will accept both SSL and non-SSL inbound requests.

Action: None required. To eliminate the message, remove the OESSLPORTNUMBER parameter from the initialization exec.

SDB4389S 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 cannot 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
---------------	---------------

SDB4390E INVALID DYNAMIC VIPA IP ADDRESS %1 SPECIFIED

Explanation: Dynamic VIPA support has been configured, however the IP address specified for Dynamic VIPA support to use is not valid. Dynamic VIPA support will be disabled.

Action: Either delete the Dynamic VIPA IP address or properly specify an IP address using dotted-decimal notation.

SDB4391I OE STACK BINDING PORT *svr* TO IP ADDRESS *ip*

Explanation: The Open Edition support is binding Shadow to the indicated port and the indicated IP address.

Action: None. This is an informational message only.

The variable fields of the message text are:

svr	the port being bound to
ip	the IP address being bound to

SDB4392I OE STACK RETURNING INVALID RESULTS WHEN SOCKETS ARE READY

Explanation: This message is issued when the OE main task detects that select() returned a zero return value even though there were sockets ready in the returned socket mask. This could lead to a loop occurring in OPMAOT trying to process a listening socket.

Action: Contact NEON technical support for instructions on gathering documentation for this problem in IBM Open Edition code.

SDB4393I OE STACK RETURNING TOO SOON FROM SELECT WHEN NO SOCKETS ARE READY

Explanation: This message is issued when the OE main task detects that select() returned sooner than expected when a timeout value was specified and there were no sockets ready for processing. This could lead to wasted time in OPMAOT when there is not work to do.

Action: Contact NEON technical support for instructions on gathering documentation for this problem in IBM Open Edition code.

SDB4400H 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 Technical Support for assistance.

The variable fields of the message text are:

text	the text of the message
-------------	-------------------------

SDB4410E 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

SDB4411E 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).

SDB4412E 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 data set I/O messages (obtained via the generic data set interface). You may create a 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

SDB4413I num MESSAGES SINCE THE LAST ARCHIVE. CURRENT MESSAGE NUMBER IS sqno

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:

num	number of messages since last archive
sqno	current Trace Browse message sequence number

SDB4420H 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 Technical Support for assistance.

The variable fields of the message text are:

text	the text of the message.
-------------	--------------------------

SDB4421H UNKNOWN service CODES - R0=r0 R15=r15

Explanation: This message reports ITC/IP return and reason codes (R15 and R0) that are unknown to S__.

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, contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

service	current operation
r0	register zero contents
r15	register fifteen contents

SDB4422H UNKNOWN service CODES - ERCD=ec DGCD=dc

Explanation: This message appears in conjunction with the 4421H 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, contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

service	current operation
ec	primary tpl error code
dc	secondary tpl diagnostic code

SDB4423H UNKNOWN service CODES - ERCD=ec DGCD=dc

Explanation: This message appears in conjunction with the 4421H 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, contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

service	current operation
ec	primary apcb error code
dc	secondary tpl diagnostic code

SDB4470S IMS CTL 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 CTL feature of the product was not enabled.

Action: If your installation has paid for the product IMS CTL feature, ensure that the product license code string is specified correctly in your product initialization exec. This string may be verified by contacting NEON Systems Technical Support. If your installation has not paid for the product CTL feature, contact your NEON Systems account representative for additional information.

SDB4471S 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.

SDB4472S 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 caused the error, check the IMS MTO log and the MVS MCS console for any related error messages. If all attempts to schedule the PSB 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
------------	--

SDB4473S 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.

SDB4500U 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. If necessary, increase the region size, and restart the product.

The variable fields of the message text are:

desc	description
-------------	-------------

SDB4501U 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 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
-------------	-------------

SDB4502H 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
----------------	--------------

SDB4503S 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

SDB4504E 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, contact 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

SDB4505H 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, contact 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

SDB4506H process SUBTASK TERMINATING

Explanation: This is the standard message indicating that subtask execution is complete.

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

The variable fields of the message text are:

process	process name
----------------	--------------

SDB4507E 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, contact NEON Systems Technical Support for assistance with this problem.

The variable fields of the message text are:

rc	return code
-----------	-------------

SDB4508H OPATMD - SUBTASK stsk ; obj value

Explanation: This message is only issued when the product is in debugging mode.

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

The variable fields of the message text are:

stsk	subtask name
obj	object name
value	object value

SDB4520W LOAD FOR MODULE mod FAILED, ODBA INITIALIZATION ERROR

Explanation: This message is issued if a module needed to initialize the ODBA 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. Resolve the problem and restart the Mainframe Adapter Server.

The variable fields of the message text are:

mod	module name
------------	-------------

SDB4521S UNABLE TO IMPLANT SHADOW/ODBA INTERFACE, RETURN CODE: rc

Explanation: This message is issued if Shadow was unable to implant its ODBA interface routine. The return code is provided.

Action: Check if any other messages were issued. Call NEON support.

The variable fields of the message text are:

rc	return code from system service
-----------	---------------------------------

SDB4522W UNABLE TO CONNECT TO IMS/ODBA FOR STARTUP TABLE ID: stid, RETURN CODE: rc, REASON CODE: rsn, ERROR CODE: errc

Explanation: This message is issued if Shadow was unable to connect to IMS/ODBA for the Startup Table Identifier in the message.

Action: Check if any other messages were issued and IMS/DB is active. If the Startup Table does not exist, generate it. The next ODBA request for this startup table identifier will retry this operation.

The variable fields of the message text are:

stid	Startup Table Identifier
rc	Return code from AIBRETRN
rsn	Reason code from AIBREASN
errc	Error code from AIBERRXT

SDB4523W ERROR IN DISCONNECTING FROM IMS/ODBA CONNECTIONS. RETURN CODE: rc, REASON CODE: rsn

Explanation: This message is issued if Shadow was unable to disconnect from IMS/ODBA.

Action: Check if any other messages were issued and IMS/DB is active. If the Startup Table does not exist, generate it. The next ODBA request for this startup table identifier will retry this operation.

The variable fields of the message text are:

rc	Return code from AIBRETRN
rsn	Reason code from AIBREASN

SDB4524W ERROR IN DISCONNECTING FROM IMS/ODBA CONNECTION stid. RETURN CODE: rc, REASON CODE: rsn, ERROR CODE: errc

Explanation: This message is issued if Shadow was unable to connect to IMS/ODBA for the Startup Table Identifier in the message.

Action: Check if any other messages were issued and IMS/DB is active. If the Startup Table does not exist, generate it. The next ODBA request for this startup table identifier will retry this operation.

The variable fields of the message text are:

stid	Start Table Identifier
rc	Return code from AIBRETRN
rsn	Reason code from AIBREASN
errc	Error code from AIBERRXT

SDB4525I MAXIMUM NUMBER OF SIMULTANEOUS ODBA CONNECTIONS (max) REACHED - cnt TIMES - CONNECTION DENIED

Explanation: This message is issued if Shadow was unable to connect to IMS/ODBA because the maximum number of simultaneous connections was reached.

Action: Raise the IMSODBATABLESIZE parameter. Default is 16 if it was not specified.

The variable fields of the message text are:

max	Maximum number of ODBA connections
cnt	Count of the number of times maximum reached

SDB4526I num ODBA CONNECTION ENTRIES FREED

Explanation: This message is issued if the Shadow ODBA Connection Entry table cleanup routine was able to free some previously allocated entries. This message is a warning of a table full condition that will begin denying connections.

Action: Raise the IMSODBATABLESIZE parameter. Default is 16 if it was not specified.

The variable fields of the message text are:

num	Number of ODBA Connection Table entries
------------	---

SDB4527T ODBA INTERFACE NOT type

Explanation: This message is issued if the Shadow ODBA Interface is not either initialized or enabled.

Action: If it has not been initialized, contact NEON support. If it is not enabled, check initialization parameters.

The variable fields of the message text are:

type	Either initialized or enabled.
-------------	--------------------------------

SDB4528I LOAD FOR MODULE mod FAILED, ODBA INTERFACE DISABLED

Explanation: This message is issued if a module needed to initialize the ODBA 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: If IMS/ODBA support is not desired, then no action is needed. Otherwise check if other messages were issued. Check if the named module is in the search sequence. Resolve the problem and restart the Mainframe Adapter Server.

The variable fields of the message text are:

mod	module name
------------	-------------

SDB4529W ERROR IN DEALLOCATING PSB: psb FOR STARTUP TABLE stid DURING ODBA/RPC CLEANUP. RC: retn, RE: resn

Explanation: This message is issued if an RPC that was using the IMS/DB ODBA Interface terminated, left some PSBs allocated, and Shadow cleanup encountered an error deallocating them.

Action: Fix the error in the RPC that caused it to terminate without deallocating these PSBs.

The variable fields of the message text are:

psb	psb name
stid	ODBA Startup Table ID
retn	return code from AERTDLI call
resn	reason code from AERTDLI call

SDB4530I IMS/DB ODBA INTERFACE TERMINATED

Explanation: This message is issued when Shadow has terminated the IMS/DB ODBA Interface.

Action: None.

SDB4531W ERROR TERMINATING IMS/DB ODBA INTERFACE. RC: rc, RE: re

Explanation: This message is issued when Shadow has terminated the IMS/DB ODBA Interface.

Action: None.

The variable fields of the message text are:

rc	return code returned from ODBA
re	reason code returned from ODBA

SDB4532S ODBA STARTUP TABLE MODULE - mod - IS NOT RE-ENTRANT. UNABLE TO MODIFY

Explanation: This message is issued when an IMS/ODBA Connection is requested, but the startup table module is not marked re-entrant. Shadow cannot modify the module with Mainframe Adapter Server userid if required nor merge DEFINE IMSODBA parameters.

Action: Re-generate the DFSxxxx0 module indicated and link it as re-entrant.

The variable fields of the message text are:

mod	ODBA Startup Table Module Name
------------	--------------------------------

SDB4533S ODBA MODIFY ACTION BYPASSED FOR TABLE mod - %2

Explanation: This message is issued when an IMS/ODBA Modify Action is requested, but there does not seem to be any active ODBA connection under the name requested.

Action: Re-enter the Modify command with the proper Startup Table name.

The variable fields of the message text are:

mod	ODBA Startup Table Module Name
------------	--------------------------------

SDB4534I req OF IMS/ODBA CONNECTION FOR STARTUP TABLE mod res

Explanation: This message is issued when an action on an IMS/ODBA connection is requested. The status of the request is displayed. If the status is "failed" look for other messages that will indicate the return and reason codes.

Action: Re-enter the Modify command after dealing with the errors indicated by the other messages.

The variable fields of the message text are:

req	request
mod	ODBA Startup Table Module Name
res	resolution -- succeeded or failed

SDB4540W SHADOW CONSOLE EVENT Mainframe Adapter Server IS NOT ACTIVE

Explanation: This message is issued when a Shadow Console getevents request has been issued with the WAIT parameter. However the Shadow Console Event Mainframe Adapter Server is not active and the WAIT will never be satisfied.

Action: Modify the SCEVENTMainframe Adapter Server parameter to YES so the Shadow Console Event Mainframe Adapter Server will be started during Mainframe Adapter Server initialization. This may also occur if the getevents request was made during Console Mainframe Adapter Server initialization. In this case, retry the request.

SDB4550T OPRXSQ - USER user CONNECTED WITH UNOPTIMIZED PLAN plan

Explanation: This message is issued when a user connected with an old unoptimized OPRXSQ DB2 Plan.

Action: Rebind the specified plan so it includes the OPRXSQ0, 1, 2, 3, and 4 Packages.

The variable fields of the message text are:

user	Userid of connected user.
plan	DB2 Plan Name.

SDB4551T dbrm - UNRECOGNIZED typ PROVIDED. STATEMENT: stmt -- SECTION: sectn

Explanation: This message is issued when an unrecognized statement or section number is provided to the OPRXSQ plan translation routine.

Action: Call NEON support.

The variable fields of the message text are:

dbrm	DBRM name if selected yet
typ	either SECTION or STATEMENT
stmt	statement number supplied
sectn	section number supplied

SDB4552T OPRXSQ - SQLCODE code FOR USER user WHEN ATTEMPTING TO DETERMINE OPTIMIZATION OF PLAN plan

Explanation: This message is issued when an attempt was made to determine whether a DB2 plan was of the new optimized structure.

Action: Call NEON Support.

The variable fields of the message text are:

code	SQLCODE returned from SET SQL Statement
user	Userid of connected user.
plan	DB2 Plan Name.

SDB4553T DBRM dbrm SELECTED BY STATEMENT stmt AND CURSOR sect

Explanation: This informational message is issued when SQL translation selected a DBRM other than OPRXSQ0. This should occur very rarely and will have no effect on function, but does indicate a slight increase in DB2 EDM storage pool usage.

Action: If this happens fairly often, call NEON support.

The variable fields of the message text are:

dbrm	DBRM name selected.
stmt	Original OPRXSQ statement number.
sect	Original OPRXSQ section number.

SDB4554T DBRM dbrm SELECTED WITH STATEMENT stmt AND CURSOR sect

Explanation: This informational message is issued when SQL translation processed a DBRM and debug mode was set.

Action: This should only happen upon the direction of NEON support.

The variable fields of the message text are:

dbrm	DBRM name selected.
stmt	New statement number.
sect	New section number.

SDB4601I st

Explanation: This message contains the first of each two-line response to the TSOSRV_LIST command. Each two-line response group shows the status of the TSO Mainframe Adapter Server and the command being executed.

Action: None.

The variable fields of the message text are:

st	status information for this TSO Mainframe Adapter Server
-----------	--

SDB4602I cmd

Explanation: This message contains the second of each two-line response to the TSOSRV_LIST command. Each two-line response group shows the status of the TSO Mainframe Adapter Server and the command being executed.

Action: None.

The variable fields of the message text are:

cmd	command being executed or 'N/A'
------------	---------------------------------

SDB4603I Mainframe Adapter Server asid POSTED FOR TERMINATION

Explanation: The TSOSRV_STOP command has posted the Mainframe Adapter Server for termination.

Action: None.

The variable fields of the message text are:

asid	ASID of Mainframe Adapter Server posted for termination
-------------	---

SDB4604I Mainframe Adapter Server POSTED TO FREE TSSD AT addr

Explanation: The TSOSRV_FREE command has posted the Mainframe Adapter Server for release of the TSSD.

Action: None.

The variable fields of the message text are:

addr	ADDR of TSSD to be freed
-------------	--------------------------

SDB4605I st

Explanation: The TSOSRV_QUEUE command returns information using this message.

Action: None.

The variable fields of the message text are:

st	status of TSO Mainframe Adapter Server execute queues
-----------	---

SDB4606E ADDRESS SEF TSOSRV_STOP asid: ASID NOT Mainframe Adapter Server ADDRESS SPACE

Explanation: An invalid hex ASID was specified on a TSOSRV_STOP command.

Action: Correct the ASID, and re-issue the TSOSRV_STOP command.

The variable fields of the message text are:

asid	ASID specified
-------------	----------------

SDB4607S funcc OF qn 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:

funcc	function code string
qn	queue name (or queue type)
rc	return code

SDB4608E ADDRESS SEF TSOSRV_FREE addr: ADDRESS NOT THAT OF A TSSD

Explanation: An invalid address was specified on the TSOSRV_FREE command.

Action: Correct the address, and re-issue the TSOSRV_FREE command.

The variable fields of the message text are:

addr	invalid address
-------------	-----------------

SDB4609I stats

Explanation: The TSOSRV_EXECSTATS command returns information using this message.

Action: None.

The variable fields of the message text are:

stats	execution stats for TSO Mainframe Adapter Servers
--------------	---

SDB4612H jb HAS RESET THE TSO Mainframe Adapter Server COMMAND EXECUTION QUEUE

Explanation: A TSOSRV_RESETQ command was issued from the specified job.

Action: The TSO Mainframe Adapter Server command queue is cleared.

SDB4650E 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 log on with a larger region size, and re-issue the command.

The variable fields of the message text are:

stg	requested storage area size
------------	-----------------------------

SDB4680T ENCLAVE SET RC=rc FOR CALL CODE code (ctype1) - ctype2

Explanation: While attempting to invoke a High-Level Language (HLL) subroutine via the MVS Language Environment CEEPIPI interface module, an error 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. If possible, determine the cause of the error using other messages logged, and correct the problem, or contact NEON Systems Technical Support group.

The variable fields of the message text are:

rc	the CEEPIPI return code value
code	the CEEPIPI invocation calling code value
ctype1	the CEEPIPI invocation call type
ctype2	failure message specific to call type

SDB4681T ROUTINE INVOKED WAS code - sroutine

Explanation: This message follows the 4680T message when a subroutine invocation was underway. The subroutine CEEPIPI table index value and its external name are reported.

Action: See message 4680T.

The variable fields of the message text are:

code	the CEEPIPI subroutine table index code
sroutine	the external subroutine name

SDB4682T ROUTINE RC=rc REASON=rscd ENCLAVE FEEDBACK(fc1 fc2 fc3)

Explanation: This message follows the 4681T message and reports the subroutines return code, reason code, and the LE/370 enclave feedback codes.

Action: See message 4680T.

The variable fields of the message text are:

rc	subroutine return code
rscd	subroutine reason code
fc1	enclave feedback code 1
fc2	enclave feedback code 2
fc3	enclave feedback code 3

SDB4683T ENCLAVE MGR CANNOT REENTER SUPERVISOR STATE

Explanation: Following a call to the LE/370 CEEPIPI routine, normal supervisor state operation of the enclave manager could not be restored.

Action: Contact NEON Systems Technical Support for assistance.

SDB4684T ENCLAVE ABENDED CONDITION CODE=cndc, REASON=rscd FOR CALL CODE code (ctype) - msg

Explanation: While attempting to invoke a High-Level Language (HLL) subroutine via the MVS Language Environment CEEPIPI interface module, an abend was intercepted. This message logs the error. This message may be followed by message 4681T 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. If possible, determine the cause of the error using other messages logged, and correct the problem, or contact NEON Systems Technical Support group.

The variable fields of the message text are:

cndc	the abend condition code value
rscd	the abend reason code value
code	the CEEPIPI invocation calling code value
ctype	the CEEPIPI invocation call type
msg	failure message specific to call type

SDB4685T api PLIST ERROR reason - value (data)

Explanation: While attempting to invoke a High-Level Language (HLL) callback routine, the callback routine detected a 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 Systems Technical Support for assistance with this error.

The variable fields of the message text are:

api	the internal-use-only API being invoked
reason	reason for plist validation error
value	value of plist pointer word
data	data pointed to by plist pointer

SDB4686S text

Explanation: A severe error message was logged to the trace by a High-Level Language (HLL) component of the main product. The message is also logged to the operator console using this message id.

Action: See the contents of the message and the trace surrounding this condition, and correct the problem. Contact NEON Systems Technical Support for assistance with this error.

The variable fields of the message text are:

text	message text logged by HLL component
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SDB4687T ENCLAVE TERMINATED BY COBOL STOP RUN - Mainframe Adapter Client CONNECTION TERMINATED

Explanation: A COBOL RPC program ended with a STOP RUN statement which caused the LE enclave to terminate.

Action: Replace the STOP RUN statement with a GOBACK statement and recompile and link the program.

SDB4700T '%1' MODEL QUEUE NAME NOT SET - '%2' USED AS MODEL QUEUE

Explanation: The name of 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.

SDB4702T '%1' INPUT QUEUE NAME NOT SET - '%1' PROCESSING TERMINATED

Explanation: The name of 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.

SDB4704H UNKNOWN service CODES - RE=rscd RC=rc

Explanation: This message reports IBM/MQ return and reason codes that are unknown to S__.

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, contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

service	current operation
rscd	reason code contents
rc	return code contents

SDB4706H 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 Technical Support for assistance.

The variable fields of the message text are:

text	the text of the message
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SDB4750T 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
-------------	-------------------------

SDB4751T 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
-------------	-------------------------

SDB4752T 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 that will be passed to the IDCAMS utility.

Action: None. The message gives the command text that will be presented to IDCAMS.

The variable fields of the message text are:

text	the text of the message
-------------	-------------------------

SDB4753T IDCAMS RESULTS: Lastcc=lstcc CompCode=cmpc ReasCode=rc

Explanation: The IDCAMS utility has completed. This message reports the LASTCC, completion codes, 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:

lstcc	IDCAMS LASTCC from the command
cmpc	IDCAMS system completion code
rc	IDCAMS reason code

SDB4800E DYNALLOC request ddn - ABEND - COND=cndc REASON=rc

Explanation: A DYNALLOC request failed due to an abend.

Action: The request fails. Check for other messages that might indicate the cause of the failure.

The variable fields of the message text are:

request	type of DYNALLOC request
ddn	ddname or dsname of data set
cndc	abend condition code
rc	abend reason code

SDB4801H 'cmd' COMMAND (ISSUED INTERNALLY) REJECTED - ANOTHER request 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 in-flight request. Normally, this message would be issued infrequently (only in certain "race" conditions). If this message is issued frequently, contact NEON Systems Technical Support for advice on turning Mainframe Adapter Server start-up parameters.

The variable fields of the message text are:

cmd	command text
request	general class of like requests

SDB4802H ABEND CC(cndc) REASON(rc) IN mod+off WHILE PROCESSING 'cmd' COMMAND ISSUED BY usid

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:

cndc	abend condition code
rc	abend reason code
mod	module name
off	module offset
cmd	SEF command being processed (if known)
usid	requestor's userid (if known)

SDB4803E 'cmd' COMMAND FROM usid FAILED - RC = rc desc cmpc

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 for other messages which might indicate the cause of this failure.

The variable fields of the message text are:

cmd	service command processed
usid	userid of requestor
rc	service overall return code
desc	description of abend
cmpc	abend completion code

SDB4804E TRACE BROWSE ARCHIVING DISABLED BECAUSE BROWSEMAX(value1) VALUE IS LESS THAN THE MINIMUM(value2) ALLOWED

Explanation: Trace Browse archive support has been turned off, because the trace must contain at least the minimum given number of messages.

Action: When too few messages are supported in the trace, it can wrap around before archives of the trace can be created. This message indicates that the current trace contains so few messages that this is likely to occur. Increase the BROWSEMAX start-up parameter value to at least the minimum amount. Note that the minimum given is only a rough estimate and may be entirely insufficient to guarantee that wraparound will not occur.

The variable fields of the message text are:

value1	current BROWSEMAX parameter value
value2	minimum BROWSEMAX value allowed

SDB4805H BROWSEARCHIVECOUNT PARAMETER HAS BEEN SET TO value1 - WAS BELOW MINIMUM (value2) ALLOWED

Explanation: Trace Browse archive support has been turned on, but the BROWSEARCHIVECOUNT parameter was not set or was set too low.

Action: The system recalculates the BROWSEARCHIVECOUNT value as one-third of the BROWSEMAX value.

The variable fields of the message text are:

value1	current BROWSEARCHIVECOUNT value
value2	minimum value allowed by the system

SDB4806H BROWSEARCHIVECOUNT PARAMETER HAS BEEN SET TO value1 - WAS ABOVE MAXIMUM (value2) 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 of the BROWSEMAX value.

The variable fields of the message text are:

value1	current BROWSEARCHIVECOUNT value
value2	maximum value allowed by the system

SDB4807H BROWSEARCHIVECUSHION PARAMETER HAS BEEN SET TO value

Explanation: Trace Browse archive support has been turned on, but the BROWSEARCHIVELEAD parameter 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:

value	current BROWSEARCHIVELEAD value
--------------	---------------------------------

SDB4808S ARCHIVE BACKUP IS UNDER STRESS - value MESSAGES CAN BE LOGGED BEFORE OVERLAY

Explanation: An archive backup of the trace currently cannot be scheduled because one is already underway. Wraparound trace recording has entered the final range of messages, and a wraparound 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 wraparound 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 BROWSEARCHIVELEAD) may need to be enlarged.

The variable fields of the message text are:

value	current BROWSEARCHIVECOUNT value
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SDB4809S TRACE BROWSE IN OVERLAY MODE - UNARCHIVED RECORDS ARE BEING OVERWRITTEN

Explanation: The trace log has wrapped around, and un-archived messages are now being overwritten. This message replaces the 4808S message if a stress condition is not relieved.

Action: The system continues operating and monitoring conditions. This message is deleted if a new archive backup that relieves the overall stress condition can be completed; however, the overlaid records cannot be recovered.

SDB4810H 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.

SDB4811H 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 BACKUP ARCHIVE request is scheduled by the SEF subtask for asynchronous execution.

The variable fields of the message text are:

value	current BROWSEARCHIVECOUNT value
num	first MSGNO to be incorporated into archive

SDB4812E SEF INTERFACE SET RC=rc FOR 'cmd' COMMAND REQUEST ISSUED BY usid

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:

rc	return code set by SEF command interface
cmd	command issued
usid	requestor information

SDB4813I 'cmd' 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:

cmd	archive command text
------------	----------------------

SDB4814I 'cmd' 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:

cmd	archive command text
------------	----------------------

SDB4815I SEF SERVICE TASK, tsk, ATTACHED FOR 'cmd' - REQUESTED BY usid-loc

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:

tsk	service task name
cmd	SEF command
usid	command requestor's MVS userid
loc	origin of command request

SDB4816I RUNNING: EFTK addr1 ROUTINE:routine TCB addr2 USERID usid UTYPE request ECB ecb CMD cmd

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:

addr1	EFTK control block address
routine	subtask routine name
addr2	TCB address
usid	requestor userid
request	request origin type
ecb	task termination ECB contents
cmd	command being processed

SDB4817I TRACE: CURRENTMSG num1 LASTARCHIVED num2 LASTTRIGGERED num3 DSNAME word1 CTLS word2 %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:

num1	high message in trace
num2	last message number successfully backed up
num3	message which caused last backup
word1	internal control word 1
word2	internal control word 2

SDB4818E PROCESSING OF 'cmd' COMMAND BY stsk SUBTASK TERMINATED BY E-O-T - RC=rc

Explanation: An asynchronous 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:

cmd	command being processed
stsk	subtask name
rc	return code for the command request

SDB4819T SERVICE SUBTASK stsk COMPLETED PROCESSING OF 'cmd' COMMAND SENT BY usid - RC=rc

Explanation: An asynchronous command procedure subtask has terminated.

Action: None.

The variable fields of the message text are:

stsk	subtask name
cmd	command
usid	requesting userid
rc	end-of-task handler return code

SDB4820E PROCESSING OF 'cmd' COMMAND BY stsk SUBTASK TERMINATED BY PRODUCT SHUTDOWN - RC=rc

Explanation: An asynchronous 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:

cmd	command being processed
stsk	subtask name
rc	return code for the command request

SDB4821T SERVICE SUBTASK stsk FORCIBLY DETACHED AT SHUTDOWN - 'cmd' COMMAND SENT BY usid - RC=rc

Explanation: An asynchronous command procedure subtask has forcibly detached during shutdown because it did not voluntarily terminate operation quickly enough.

Action: None.

The variable fields of the message text are:

stsk	subtask name
cmd	command
usid	requesting userid
rc	end-of-task handler return code

SDB4822H '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 messages will be logged to report the results of the backup operation.

Action: None.

SDB4823H ARCHIVE FILE: DSN='dsn', FIRSTMSG=num1, LASTMSG=num2, COUNT=cnt

Explanation: A new archive data set has been successfully created. This message logs the dsname, the first and last message recorded in the archive, and the count of messages.

Action: None.

The variable fields of the message text are:

dsn	output data set name
num1	first message number in output
num2	last message number in output
cnt	message allocation count

SDB4824H cnt MESSAGES BEGINNING AT NUMBER num CANNOT BE BACKED UP DUE TO TRACE WRAPAROUND

Explanation: A backup-type archive of the Trace Browse data has been scheduled. The indicated range of messages cannot be backed up because it has been, or shortly will be, overlaid by wraparound 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 that has been in use for some time.

The variable fields of the message text are:

cnt	messages skipped
num	first relative message number skipped

SDB4825H NO WORK TO DO - ARCHIVE STARTING MESSAGE = num1 - ENDING MESSAGE = num2

Explanation: A backup-type archive of the Trace Browse data has been scheduled. There are no messages that 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:

num1	first message to be backed up
num2	last message to be backed up

SDB4826W ARCHIVE PROCESSING ABORTED DUE TO SUBSYSTEM OR SEF TERMINATION REQUEST

Explanation: An archive process is being aborted either because a subsystem shutdown is underway or because SEF has requested early termination of the procedure.

Action: Processing ends as quickly as possible. Some resource cleanup may be deferred until subsystem restart.

SDB4827I data

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 produced by S_ARCHIV are logged by this message.

The variable fields of the message text are:

data	data line from SYSTSPRT
-------------	-------------------------

SDB4828E procname REXX PROCEDURE RETURNED INVALID/INCORRECT RESULT FOR ARCHIVE DATA SET ctype REQUEST

Explanation: The S_ARCHIV REXX procedure was executed but it either did not return a result or it returned a result that 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:

procname	REXX procedure name
ctype	call type for REXX procedure

SDB4829E procname REXX PROCEDURE FAILED FOR ctype REQUEST - ROUTINE SET RETURN CODE TO rc

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:

procname	REXX procedure name
ctype	call type for REXX procedure
rc	return code set by REXX

SDB4830E procname REXX PROCEDURE FAILED TO RETURN DATA SET NAME FOR ctype REQUEST

Explanation: The S_ARCHIV REXX procedure was executed but returned without passing back an MVS data set name, as required for the sub-function request.

Action: The current archive-related operation is terminated.

The variable fields of the message text are:

procname	REXX procedure name
ctype	call type for REXX procedure

SDB4831E DYNALLOC FAILURE - RC=rc ERROR=ec REASON=rscd desc1 desc2 desc3

Explanation: Dynamic 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:

rc	DYNALLOC return code
ec	DYNALLOC error code
rscd	DYNALLOC information code
desc1	description of DYNALLOC operation
desc2	description of DYNALLOC operation
desc3	description of DYNALLOC operation

SDB4832H ALLOCATED: DDN=ddn, DSN='dsn' - FOR ARCHIVE OUTPUT

Explanation: A ddname allocation was made for an archive output linear data set. Archive processing continues.

Action: None.

The variable fields of the message text are:

ddn	ddname
dsn	VSAM linear output archive data set name

SDB4833H LDS 'dsn' CREATED FOR 'cmd' COMMAND ISSUED BY usid

Explanation: An archive backup or extract procedure created a new VSAM linear data set 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:

dsn	new DIV data set name
cmd	archive command being processed
usid	userid of service requestor

SDB4834S service OF desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of archive data set 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 to obtain additional assistance.

The variable fields of the message text are:

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

SDB4835S service OF dsn FAILED, RC=rc, REASON CODE=rscd

Explanation: This error message describes errors that occurred while using the DIV (Data In Virtual) system service during archive initialization, execution, or termination. 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 to obtain additional assistance.

The variable fields of the message text are:

service	DIV service (e.g. DIV IDENTIFY etc.)
dsn	data set (e.g. trace data set)
rc	return code
rscd	reason code

SDB4836S service OF dsn FAILED, ABEND=abcd, REASON CODE=rscd

Explanation: This error message describes an abend that occurred while using the DIV (Data In Virtual) system service during archive initialization, execution, or termination. 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 Technical Support to obtain additional assistance.

The variable fields of the message text are:

service	DIV service (e.g. DIV IDENTIFY etc.)
dsn	data set (e.g. trace data set)
abcd	abend code
rscd	reason code

SDB4837S POSSIBLE SHORTAGE OF STORAGE, stg BYTES REQUIRED TO BUILD ARCHIVE OUTPUT DATA SET

Explanation: This is a follow-up message to message 4834S 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 16MB line) by the indicated amount.

The variable fields of the message text are:

stg	size of storage requested
------------	---------------------------

SDB4838H DEALLOCATED: DDN=ddn, DSN='dsn' - FOR ARCHIVE OUTPUT

Explanation: A ddname deallocation was processed for an archive data set.

Action: None.

The variable fields of the message text are:

ddn	ddname
dsn	VSAM linear output archive data set name

SDB4839W ARCHIVE FILE: cnt INVALID/OVERLAID MESSAGES DETECTED DURING EXECUTION

Explanation: While the archive data set was being created, messages were detected that had been overlaid or were otherwise invalid.

Action: None.

The variable fields of the message text are:

cnt	count of overlaid/invalid messages found
------------	--

SDB4840H CLEARARCHIVERECOVERY PARAMETER SET TO YES - IN-FLIGHT ARCHIVE archtyp INFORMATION BEING CLEARED

Explanation: During subsystem startup, the CLEARARCHIVERECOVERY parameter was 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:

archtyp	type of archive which was in-flight
----------------	-------------------------------------

SDB4841H CLEARED BACKUP RECOVERY INFO - OUTDSN=dsn MSGSTART=num1 MSGCOUNT=cnt LASTARCH=num2

Explanation: This message follows message 4840H and logs the recovery information that is being cleared.

Action: None.

The variable fields of the message text are:

dsn	archive data set name
num1	starting message to be archive
cnt	message count to be archived
num2	highest message number previously archived

SDB4842H CLEARED EXTRACT RECOVERY INFO - OUTDSN=dsn MSGSTART=num1MSGCOUNT=cnt FORUSER=num2

Explanation: This message follows message 4840H and logs the recovery information that is being cleared.

Action: None.

The variable fields of the message text are:

dsn	archive data set name
num1	starting message to be archive
cnt	message count to be archived
num2	user who requested the extract archive

SDB4843I 'cmd' COMMAND FROM usid COMPLETED SUCCESSFULLY

Explanation: The SEF command service processing routine has ended successfully.

Action: None.

The variable fields of the message text are:

cmd	service command processed
usid	userid of requestor

SDB4844H ARCHIVE BACKUP OF TRACE HAS SUCCESSFULLY COMPLETED

Explanation: A checkpointing-type backup of the Trace Browse has been completed successfully.

Action: None.

SDB4845H TRACE: CURRENT MESSAGE IS num - cnt MESSAGES SINCE LAST ARCHIVE

Explanation: Trace Browse archiving is enabled. This message is produced just before an archive request is generated.

Action: None.

The variable fields of the message text are:

num	highest message number now in trace
cnt	messages added to trace since last archive

SDB4846H TRACE: LAST MESSAGE ARCHIVED WAS num1 - LAST REQUESTED FOR MESSAGE num2

Explanation: Trace Browse archiving is enabled. This message is produced just before an archive request is generated.

Action: None.

The variable fields of the message text are:

num1	last message successfully archived
num2	message number when last archive requested

SDB4847I 'cmd' CMD NOT SCHEDULED - DUPLICATE %2 CMD RECOVERY NOT COMPLETED

Explanation: An SEF service request cannot be processed because internal controls indicate another operation is already in-flight. However, no subtask is currently processing the request. This error can occur when certain commands fail and require separate recovery procedures to be scheduled. For brief moments, a "race" condition may occur, where the recovery command has priority.

Action: Wait until the previous process is recovered. If the condition persists, manually request recovery.

The variable fields of the message text are:

cmd	command text
------------	--------------

SDB4848H 'cmd' CMD NOT SCHEDULED - DUPLICATE %2 CMD RECOVERY NOT COMPLETED

Explanation: See message 4847I. This message is hard-copied for internally issued requests.

Action: See message 48471.

The variable fields of the message text are:

cmd command text

SDB4849I PARAMETERS: OPTION parval1 COUNT parmal2 CUSHION parval3

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:

parval1 BROWSEARCHIVE parameter value
parmal2 BROWSEARCHIVECOUNT parameter value
parval3 BROWSEARCHIVECUSHION parameter value

SDB4850I desc TYPE archtyp USER usid STARTMSG num MSGCOUNT cnt DSNAME dsn

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:

desc description of info
archtyp archive type
usid requestor
num start message
cnt message count
dsn output data set

SDB4854E THE DIV OBJECT, dsn, CANNOT BE MAPPED - THE VERSION CODE (%1) IS BACKLEVEL AND INCOMPATIBLE

Explanation: The archive data set review request cannot be serviced because DIV reports one size for the object but LISTCAT reports another.

Action: Contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

dsn archive data set name
code hi-used-rba reported by LISTCAT
size object byte size calculated from page count

SDB4855E THE DIV OBJECT, dsn, CANNOT BE MAPPED - THE HI-USED-RBA code IS LESS THAN THE DIV-ACCESS PAGE COUNT size RETURN VALUE

Explanation: The archive data set review request cannot be serviced because DIV reports one size for the object but LISTCAT reports another.

Action: Contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

dsn archive data set name
code hi-used-rba reported by LISTCAT
size object byte size calculated from page count

SDB4856E THE DIV OBJECT, dsn, CANNOT BE MAPPED - THE DATA SET CONTROL AREA (BOST) IS INVALID

Explanation: The archive data set review request cannot be serviced because the first page of the linear data set object does not contain required control information.

Action: The probable cause of this error is that you are attempting to review an archive data set that is still being created or that was not closed properly.

The variable fields of the message text are:

dsn	archive data set name
------------	-----------------------

SDB4857E THE DIV OBJECT, dsn, CANNOT BE MAPPED - THE DATA SET CONTROL AREA SIZE INFORMATION (size1/size2) DOES NOT MATCH THE DIV OPEN STATS (size3/size4)

Explanation: The archive data set review request cannot be serviced because the first page of the linear data set object does not contain control information that matches the size information returned by DIV.

Action: The probable cause of this error is that you are attempting to review an archive data set that is still being created or that was not closed properly.

The variable fields of the message text are:

dsn	archive data set name
size1	control area size of DIV in bytes
size2	control area size of DIV in pages
size3	DIV open time size in bytes
size4	DIV open time size in pages

SDB4858E THE DIV OBJECT, dsn, CANNOT BE MAPPED - THE DATA SET CONTROL AREA pointer POINTER (value) IS INVALID name2/cnt

Explanation: The archive data set review request cannot be serviced because the first page of the linear data set object does not contain control information that is structurally correct.

Action: The probable cause of this error is that you are attempting to review an archive data set that is still being created or that was not closed properly.

The variable fields of the message text are:

dsn	archive data set name
pointer	pointer name
value	pointer value
name2	base pointer
cnt	message count

SDB4859I ARCHIVE RESET COMMAND ISSUED BY usid HAS CHANGE LAST-ARCHIVED MESSAGE FROM num1 TO num2

Explanation: An ARCHIVE RESET command has been processed.

Action: None.

The variable fields of the message text are:

usid	userid who issued the command
num1	previous last-archive message number
num2	new last-archived message number

SDB4860T ARCHIVE FILE: DSN='dsn', FIRSTMSG=num1, LASTMSG=num2, COUNT=cnt

Explanation: A new archive data set has been successfully created. This messages logs the dsname, 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:

dsn	output data set name
num1	first message number in output
num2	last message number in output
cnt	message allocation count

SDB4861I stmt

Explanation: An ARCHIVE STATUS request has been issued. This message is part of the response. This message is repeated up to eight (8) times. The Mainframe Adapter Server constructs a model IDCAMS DEFINE CLUSTER statement using configured parameters. You can review this statement to ensure that the 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:

stmt	IDCAMS define cluster statement model
-------------	---------------------------------------

SDB4862I stmt

Explanation: An ARCHIVE STATUS request has been issued. This message is part of the response. This message is repeated up to eight (8) times. The Mainframe Adapter Server constructs a model IDCAMS DEFINE CLUSTER statement using configured parameters. You can review this statement to ensure that the 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:

stmt	IDCAMS define cluster statement model
-------------	---------------------------------------

SDB4863I parmval1 parmval2 parmval3 parmval4 parmval5

Explanation: An ARCHIVE STATUS request has been issued. This message is part of the response. This message reports the output data set allocation related parameter values set for building archive backup data sets.

Action: None.

The variable fields of the message text are:

parmval1	ARCHIVEDSNPREFIX parameter setting
parmval2	ARCHIVEDATACLASS parameter setting
parmval3	ARCHIVEMGMTCLASS parameter setting
parmval4	ARCHIVESTORCLASS parameter setting
parmval5	ARCHIVEDEFCLPARMS parameter setting

SDB4864I parmval1 parmval2 parmval3 parmval4 parmval5

Explanation: An ARCHIVE STATUS request has been issued. This message is part of the response. This message reports the output data set allocation related parameter values set for building archive EXTRACT data sets.

Action: None.

The variable fields of the message text are:

parmval1	EXTRACTDSNPREFIX parameter setting
parmval2	EXTRACTDATACLASS parameter setting
parmval3	EXTRACTMGMTCLASS parameter setting
parmval4	EXTRACTSTORCLASS parameter setting
parmval5	EXTRACTDEFCLPARMS parameter setting

SDB4865E TRACE BROWSE ARCHIVING DISABLED BECAUSE 'ARCHIVEDSNPREFIX' PARAMETER IS NOT SET

Explanation: Trace Browse archive support has been turned off because the output data set name prefix parameter ARCHIVEDSNPREFIX is not set. A data set name prefix is required.

Action: Note that you can review and possibly set values for the following archive data set allocation related parameters: ARCHIVEDSNPREFIX, ARCHIVEDATACLASS, ARCHIVEMGMTCLASS, ARCHIVESTORCLASS, and ARCHIVEDEFCLPARMS.

SDB4866E service OF ARCHIVE OUTPUT DATA SET FAILED DUE TO 'reason'

Explanation: One of the following errors occurred: (1) allocation of a new archive backup or extract file failed, or (2) 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:

service	allocation or deletion
reason	reason that the operation failed

SDB4867E IDCAMS UTILITY LASTCC=value --- ABEND CONDITION cndc, REASON rc - SYSPRINT FOLLOWS

Explanation: This message follows message 4866E when an IDCAMS DEFINE CLUSTER or DELETE CLUSTER statement failed to be processed through the IDCAMS utility. The SYSPRINT output of the IDCAMS utility, if any, follows this message.

Action: The current archive-related operation is terminated.

The variable fields of the message text are:

value	IDCAMS utility LASTCC value
cndc	abend condition code or zero
rc	abend reason code or zero

SDB4868E IDCAMS SYSPRINT: data

Explanation: This message follows message 4867E when an IDCAMS DEFINE CLUSTER or DELETE CLUSTER statement failed to be processed through the IDCAMS utility. The SYSPRINT output of the IDCAMS utility follows this message.

Action: The current archive-related operation is terminated.

The variable fields of the message text are:

data	IDCAMS utility sysprint output line(s)
-------------	--

SDB4869E TRACE BROWSE EXTRACTS DISABLED BECAUSE 'EXTRACTDSNPREFIX' PARAMETER IS NOT SET

Explanation: Trace Browse extract support has been turned off because the output data set name prefix parameter EXTRACTDSNPREFIX is not set. A data set name prefix is required.

Action: Note that you can review and possibly set values for the following extract data set allocation related parameters: EXTRACTDSNPREFIX, EXTRACTDATACLASS, EXTRACTMGMTCLASS, EXTRACTSTORCLASS, and EXTRACTDEFCLPARMS.

SDB4870E request func - ABEND - CODE=abcd REASON=rc

Explanation: An application programming interface request abended.

Action: The request fails. Check for other messages that might indicate the cause of the failure.

The variable fields of the message text are:

request	type of request
func	request function
abcd	abend code
rc	abend reason code

SDB4871S 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 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.

SDB5000S MESSAGE NUMBER num IS NOT DEFINED

Explanation: This message is issued whenever an undefined message number is encountered.

Action: This probably indicates an internal product error. Contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

num	message number specified
------------	--------------------------

SDB5001S 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
------------	------------------------------------

SDB5002S cmd IS AN INVALID %PX COMMAND

Explanation: The command you have coded is unknown to ADDRESS S__.

Action: Enter the correct S__ command, and rerun.

The variable fields of the message text are:

cmd the command that was entered

SDB5003S 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

SDB5004S 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

SDB5005S value 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:

value the invalid value
key the name of the keyword

SDB5006S key IS ONLY VALID FOR TYPE = ktype

Explanation: The keyword indicated is not valid for the given value of the type of 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
ktype the type for which the keyword is valid

SDB5007S 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

SDB5008U OPRXPC TERMINATED WITH SEVERE ERROR RC = rc

Explanation: An internal component of ADDRESS S__ has failed.

Action: Contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

rc OPRXPC return code

SDB5009S 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.

SDB5010E HOST = host DOES NOT EXIST

Explanation: The link defined by the host is not yet defined; therefore, it 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

SDB5011S obj DISPLAY FAILED WITH RC = rc

Explanation: The display of the object failed severely.

Action: There is probably some sort of internal error. Contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

obj the name of the object being displayed
rc the OPRXPC module return code

SDB5012S key CONTAINS A QUOTE AND QUOTES ARE NOT PERMITTED

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 were found

SDB5013S %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

SDB5014S 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, and all other characters can be alphanumeric. Also, the name can only be four (4) characters long.

The variable fields of the message text are:

subsys the erroneous subsystem name

SDB5015E DATABASE **subsys 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:

subsys database subsystem name

SDB5016E DATABASE = **subsys DOES NOT EXIST**

Explanation: The database defined by name is not yet defined; therefore, it cannot be modified.

Action: Either define the database, or remove the MODIFY.

The variable fields of the message text are:

subsys database subsystem name

SDB5017S **parm IS NOT A VALID PRODUCT PARAMETER NAME**

Explanation: The parameter name is not a valid, recognized product parameter.

Action: Correct the parameter name, and rerun.

The variable fields of the message text are:

parm the parameter name

SDB5018S **parmval IS NOT A VALID VALUE FOR **parm****

Explanation: The parameter value is not valid for this parameter.

Action: Correct the value, and rerun.

The variable fields of the message text are:

parmval the erroneous parameter value
parm the parameter name

SDB5019E **subsys IS A DB2 DATABASE SUBSYSTEM**

Explanation: The database subsystem cannot 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

SDB5020E ANOTHER COPY OF THE PRODUCT USES DATABASE SUBSYSTEM NAME **subsys**

Explanation: The database subsystem cannot 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

SDB5021E DATABASE SUBSYSTEM *subsys* COULD NOT BE CREATED

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

SDB5022E ANOTHER PRODUCT USES DATABASE SUBSYSTEM NAME *subsys*

Explanation: The database subsystem cannot 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

SDB5023E CONNECTION *value* 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:

value the value of the name keyword

SDB5024E SESSION *value* 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:

value the value of the name keyword

SDB5025I 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.

SDB6000T 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

SDB6003T MATCHING SSCT LOCATED FOR SUBSYSTEM `subsysid`

Explanation: This diagnostic trace message is issued in response to being able to locate an 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

`subsysid` subsystem identifier

SDB6004T 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 contact NEON Systems Technical Support for further instructions.

SDB6007T 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 contact NEON Systems Technical Support for further instructions.

SDB6008T 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 contact NEON Systems Technical Support for further instructions.

SDB6009T 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 contact NEON Systems Technical Support for further instructions.

SDB6010T RETURN FROM ATTACHING OPDSN10 SUBCOMMAND HANDLER

Explanation: This diagnostic trace message is issued on return 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 contact NEON Systems Technical Support for further instructions.

SDB6011T OPDSN10 SUBCOMMAND HANDLER DETACHED SUCCESSFULLY

Explanation: This diagnostic trace message is issued after 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 contact NEON Systems Technical Support for further instructions.

SDB6013T 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

csect	CSECT name
--------------	------------

SDB6014T OPDSN10 STAX EXIT SUCCESSFULLY ESTABLISHED

Explanation: This diagnostic trace message is issued after 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 contact NEON Systems Technical Support for further instructions.

SDB6015T OPDSN10 STAX EXIT SUCCESSFULLY REMOVED

Explanation: This diagnostic trace message is issued after 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 contact NEON Systems Technical Support for further instructions.

SDB6016T VALID SUBCOMMAND cmd ACCEPTED

Explanation: This diagnostic trace message is issued after 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

cmd	subcommand entered
------------	--------------------

SDB6017T UNRECOGNIZED SUBCOMMAND ASSUME TSO COMMAND cmd

Explanation: This diagnostic trace message is issued after determining that the subcommand entered by the user is neither one of the set of valid subcommands supported by OPDSN10 nor one of the set of TSO commands 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

cmd subcommand entered

SDB6018T 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

cmd subcommand entered

SDB6019T 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

cmd subcommand entered

SDB6020T 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

cmd subcommand entered

SDB6021T RETURN FROM ATTACHING TSO COMMAND cmd

Explanation: This diagnostic trace message is issued on return 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

cmd subcommand entered

SDB6022T SUCCESSFUL DETACH TSO COMMAND cmd

Explanation: This diagnostic trace message is issued after 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

cmd TSO command name

SDB6023T SUCCESSFULLY ALLOCATED DATA SET dsn

Explanation: This diagnostic trace message is issued after successfully allocating the data set 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

dsn data set name from LIBRARY() parameter

SDB6024T SUCCESSFULLY DEALLOCATED DATA SET dsn

Explanation: This diagnostic trace message is issued upon successfully deallocating the data set 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

dsn data set name from LIBRARY() parameter

SDB6025T RUN SUBCOMMAND BUFFER PARSED SUCCESSFULLY

Explanation: This diagnostic trace message is issued after 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 contact NEON Systems Technical Support for further instructions.

SDB6026T 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

dsn data set name from LIBRARY() parameter

SDB6027T 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

pln plan name from PLAN() parameter

SDB6028T 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

pgm program name from PROGRAM() parameter

SDB6029T CP : ind

Explanation: This diagnostic trace message is issued in order to present a YES/NO value depicting whether the CP 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

ind indicates whether CP parameter was or was not specified (YES or NO)

SDB6030T PARMS : ind

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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

ind indicates whether PARMS() parameter was or was not specified (YES or NO)

SDB6031T 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 contact NEON Systems Technical Support for further instructions.

SDB6032T AFTER IDENTIFY DB2 CALL

Explanation: This diagnostic trace message is issued after 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 contact NEON Systems Technical Support for further instructions.

SDB6033T 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 contact NEON Systems Technical Support for further instructions.

SDB6034T AFTER CREATE THREAD DB2 CALL

Explanation: This diagnostic trace message is issued after 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 contact NEON Systems Technical Support for further instructions.

SDB6037T 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 contact NEON Systems Technical Support for further instructions.

SDB6038T AFTER TERMINATE DB2 CALL

Explanation: This diagnostic trace message is issued after 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 contact NEON Systems Technical Support for further instructions.

SDB6039T 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

pgm program name

SDB6040T 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

pgm program name

SDB6041T 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 contact NEON Systems Technical Support for further instructions.

The variable fields of the message text are:

abcd abend code

SDB6500S ABEND abcd RS=rscd OCCURRED AT var1+var1 DURING DMF var1 var1

Explanation: An ABEND occurred while processing a Data Mapping Facility (DMF) request.

Action: The routine signals an error to the caller and processing continues, when possible.

The variable fields of the message text are:

abcd	abend completion code
rscd	abend reason code
var1	abending module name
var1	abending module offset
var1	DMF function being processed
var1	entity identifier information

SDB6501W DMF var1 WARNING: var2 var3

Explanation: A correctable condition was encountered while processing a Data Mapping Facility (DMF) request.

Action: The routine issues this warning message and processes the requested function. The warning MAY indicate a condition which requires attention.

The variable fields of the message text are:

var1	operation being processed
var2	reason for the warning
var3	item being processed when warning detected

SDB6502S DMF var1 ERROR: var2 var3

Explanation: An un-correctable condition was encountered while processing a Data Mapping Facility (DMF) request.

Action: The routine issues this error message and concludes processing of the requested function. Correct the condition and re-run the request.

The variable fields of the message text are:

var1	operation being processed
var2	reason for the error
var3	item being processed when error detected

SDB6503I DMF IMPORT var1 MAP 'var2' FROM 'var3' var4

Explanation: A DMF IMPORT request has successfully imported an XML data map definition and has saved the new or changed datamap into the mapping library.

Action: This message is issued for each new or changed datamap successfully imported from an XML map definition document.

The variable fields of the message text are:

var1	"SAVED" or "REPLACED"
var2	new/changed mapping library member saved
var3	source of XML document imported
var4	additional information, if needed

SDB6504I DMF IMPORT HAS REFRESHED IN-STORAGE DATA MAPS

Explanation: A DMF IMPORT request has refreshed the in-storage data map images following import of new or changed data maps.

Action: This message is issued after all new or changed datamaps have been saved during XML import processing. .

SDB6505I DMF IMPORT PARSED MAP 'var1' FROM 'var2'

Explanation: A DMF IMPORT request has successfully processed an XML data map definition, but is not requested to save it. The data map will be discarded.

Action: This message is issued for each datamap parsed from an XML document, if the new/changed data map is not to be saved or replaced in the map library. This message indicates that the XML document is valid.

The variable fields of the message text are:

var1	name of map from XML document
var2	source of XML document imported

SDB6520H DMF DATA-IN-VIRTUAL CACHE IS BEING INITIALIZED FOR REVISION LEVEL var1 SUPPORT

Explanation: During initialization the Data Mapping Facility (DMF) determined that its data-in-virtual cache is empty, contains errors, or is formatted for operation at a different revision level. The DIV object is being initialized or re-initialized for use at the current software support revision level.

Action: This DMF DIV data-in-virtual cache will be initialized for use and placed online.

The variable fields of the message text are:

var1	DMF current software support revision level
-------------	---

SDB6521H EXISTING DMF DIV CACHE AT REVISION LEVEL var1 MUST BE RE-INITIALIZED AT CURRENT LEVEL

Explanation: During initialization the Data Mapping Facility (DMF) found the DIV linear dataset cache dataset (SxxMAPL) contained information formatted for an older/different revision level than the Mainframe Adapter Server software now supports. The cache must be discarded and re-loaded in order to switch to the current software support revision level.

Action: DMF cached data maps will be discarded and the DIV dataset re-initialized at the new support level. DMF will reload data maps into the cache, as these are read into storage from the SxxMAPP PDS library.

The variable fields of the message text are:

var1	DMF cache old support level
-------------	-----------------------------

SDB6522H EXISTING DMF DIV CACHE BEING DISCARDED DUE TO INCOMPLETE UPDATE AT LAST LDS EXPANSION

Explanation: During initialization the Data Mapping Facility (DMF) found the DIV linear dataset cache dataset (SxxMAPL) could not be placed online because a DIV expansion operation failed to complete properly during the prior start-up. The cache must be discarded and re-loaded in order to remove any incompletely allocated logical window areas.

Action: DMF cached data maps will be discarded and the DIV dataset re-initialized. DMF will reload data maps into the cache as these are read into storage from the SxxMAPP PDS library.

SDB6523H EXISTING DMF DIV CACHE BEING DISCARDED DUE TO WINDOW RELOCATION PROBLEM

Explanation: During initialization the Data Mapping Facility (DMF) found the DIV linear dataset cache dataset (SxxMAPL) could not be placed online because a problem occurred while attempting to relocate maps and map pointers within the DIV windows. The cache must be discarded and re-loaded in order to remove the erroneous/problematic information.

Action: DMF cached data maps will be discarded and the DIV dataset re-initialized. DMF will reload data maps into the cache as these are read into storage from the SxxMAPP PDS library.

SDB6524H EXISTING DMF DIV CACHE BEING DISCARDED DUE TO UNKNOWN OBJECT TYPE (%1)

Explanation: During initialization the Data Mapping Facility (DMF) found the DIV linear dataset cache dataset (SxxMAPL) contains a DMF block area in which garbage or an unknown element block resides. The cache must be discarded and re-loaded in order to remove the corrupted data block.

Action: DMF cached data maps will be discarded and the DIV dataset re-initialized. DMF will reload data maps into the cache as these are read into storage from the SxxMAPP PDS library.

SDB6525S DMF DIV CACHE ROUTINE %1 INVOKED WITHIN INVALID X-MEM ENVIRONMENT

Explanation: While processing, a DMF service routine was invoked within a cross-memory environment which it does not support. The DMF service request cannot be completed.

Action: For some service requests, the routine aborts by generating an S0C3 ABEND. Other service routines return an error to the caller, which will likely cause the originating procedure to fail or ABEND. Contact NEON Systems for technical support.

SDB6526S FREE OF DMF BLOCK IN DIV CACHE FAILED - ADDRESS OF BLOCK (%1) IS NOT %2

Explanation: While processing, a request to remove a DMF data area from DIV cache, a validation error was detected. The data area is not considered valid for the reason indicated.

Action: The removal routine returns an error to the caller, which may result in failure within the procedure being executed. Contact NEON Systems for technical support.

SDB7000I 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.

SDB7001I SYNTAX ERROR: UNMATCHED QUOTATION MARK OR APOSTROPH

Explanation: The command used to invoke the system function was coded incorrectly. A literal string was not enclosed within matching quotation marks or apostrophes.

Action: Reenter the corrected command.

SDB7002I SYNTAX ERROR: INSUFFICIENT STORAGE FOR PARSING THE COMMAND (rscd)

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. If reason code is "2", ensure that the command was correctly entered. If you are unable to correct the problem, contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

rscd	reason code
-------------	-------------

SDB7003I 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 eight (8) hex digits or contains an invalid digit.

Action: Reenter the corrected command.

SDB7004I SYNTAX ERROR: EXTRANEIOUS 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 that is extraneous or undefined
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SDB7005I 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 and what portion of the command contains the error. The message 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

SDB7006I 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
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SDB7007I SYNTAX ERROR: REQUIRED KEYWORD MISSING - MUST BE ON

Explanation: A required keyword was not entered on the command line.

Action: Reenter the corrected command.

SDB7008I 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
------------	---------

SDB7009I 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
------------	---------

SDB7010I SYNTAX ERROR: reason

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:

reason	reason that the input is invalid
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SDB7050T VARIABLE varname (value) SET TO "%3"

Explanation: This message is used to trace the variable values that have been parsed from an inbound HTTP transaction header.

Action: None.

The variable fields of the message text are:

varname	REXX or other variable name
value	value of variable

SDB7075T DUPLICATE ASXB ENQUEUE DETECTED FOR TASK CNID value

Explanation: This message is used to trace a logic error detected in the ASXB cleanup routine. Cleanup processing continues.

Action: Contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

value	the unique subtask CNID value for the task detecting the error.
--------------	---

SDB7076T ASXB CHECK ERROR - TRACE INFO value addr1 addr2 usid tf

Explanation: This message is used to trace logic error artifact information. Cleanup processing continues.

Action: Contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

value	the unique subtask CNID value for the last task to modify the ASXB fields
addr1	TCB address of the last modifier of the ASXB
addr2	ACEE address last inserted in ASXB
userid	userid last inserted into ASXB
tf	trace flags

SDB7077T ASXB FIELD cb BEING RESET FROM value1 TO value2 BY procname

Explanation: This message is used to trace a logic error recovery of ASXB information fields. Cleanup processing continues.

Action: Contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

cb	the ASXB control block field name
value1	value currently in ASXB block
value2	recovery value being restored
procname	procedure driving recovery cleanup

SDB7078S ADDRESS SPACE LEVEL ACEE AT cb IS CORRUPTED

Explanation: This message is issued when a self-correction procedure is underway and it is determined that the address-space level acee control block is invalid.

Action: Contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

cb	Original pointer to ACEE control block
-----------	--

SDB7101T ERROR 01 @(lineno/loff) - TOO MANY NEXTED 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7102T ERROR 02 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7103T ERROR 03 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7104T ERROR 04 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7105T ERROR 05 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7106T ERROR 06 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7107T ERROR 07 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7108T ERROR 08 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7109T ERROR 09 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7110T ERROR 10 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7111T ERROR 11 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7112T ERROR 12 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7113T ERROR 13 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7114T ERROR 14 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7115T ERROR 15 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7116T ERROR 16 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7117T ERROR 17 @ (lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7118T ERROR 18 @ (lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7119T ERROR 19 @ (lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7120T ERROR 20 @ (lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7121T ERROR 21 @ (lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7122T ERROR 22 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7123T ERROR 23 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7124T ERROR 24 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7125T ERROR 25 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7126T ERROR 26 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7127T ERROR 27 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7128T ERROR 28 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7129T ERROR 29 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7130T ERROR 30 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7131T ERROR 31 @ (lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7132T ERROR 32 @ (lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7133T ERROR 33 @ (lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7134T ERROR 34 @ (lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7135T ERROR 35 @ (lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7136T ERROR 36 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7137T ERROR 37 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7138T ERROR 38 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7139T ERROR 39 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7140T ERROR 40 @(lineno/loff) - /*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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7141T ERROR 41 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7142T ERROR 42 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7143T ERROR 43 @(lineno/loff) - 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7144T ERROR 44 @(lineno/loff) - 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 (either a variable name or a complex expression that 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:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7145T ERROR 45 @(lineno/loff) - IMS AUTO-HTML VARIABLE REFERENCE IS BADLY FORMED

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. A reference to an IMS Auto-HTML facility runtime variable (SWSSETFO, SWSFOCUS, SWSINMAP, or SWSCNVID) contains additional/extraneous characters.

Action: Examine the source file, and correct the HTML extension statement syntax error.

The variable fields of the message text are:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7146T ERROR 46 @(lineno/loff) - !OPTIONS STATEMENT INVALID

Explanation: A syntax error was detected while processing an !OPTIONS statement within the HTX source file. The line number and offset within the line where the error was found is noted in the message. A more complex message indicating the exact error found in the !OPTIONS statement may be present in the trace.

Action: Examine the source file, and correct the HTML extension statement syntax error.

The variable fields of the message text are:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7147T ERROR 47 @(lineno/loff) - !OPTIONS STATEMENT OUT OF ORDER

Explanation: A syntax error was detected while processing an !OPTIONS statement within the HTX source file. Runtime !OPTIONS must appear before any other HTX executable or insert statement within the source file.

Action: Examine the source file, and correct the HTML extension statement syntax error.

The variable fields of the message text are:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7148T ERROR 48 @(lineno/loff) - INVALID ENVIRONMENT FOR STATEMENT

Explanation: A syntax error was detected while processing a statement. Some statements are only valid in either the Shadow Web or Shadow Direct environment. This statement was encountered in the wrong environment.

Action: Examine the source file, and correct the HTML extension statement syntax error.

The variable fields of the message text are:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7149T ERROR 49 @(lineno/loff) - IMSATTR STATEMENTS NO LONGER SUPPORTED

Explanation: A syntax error was detected while processing a statement. The deprecated IMSATTR statement is no longer supported by this version of the Mainframe Adapter Server.

Action: Examine the source file, and correct the HTML extension statement syntax error. If the HTML extension file was generated by the IMS Auto-HTML facility, re-extract the MFS source map and re-generate the HTML file.

The variable fields of the message text are:

lineno	line number in source file where error found
loff	offset in source line where error detected

SDB7150T /*UTILITY STMT - text (funcc)

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:

text	error text
func	function code

SDB7151T /*UTILITY STMT - msg - sqlstmt

Explanation: During execution of a /*UTILITY statement, the statement was determined to be invalid or non-executable.

Action: If the statement text is invalid, correct the statement text. Otherwise, contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

msg	short error message / (continued)
sqlstmt	SQL statement text

SDB7152T UTILITY FUNCTION func NOT ENABLED. ASSOCIATED MODULE (mod) 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:

func	function code to be enabled
mod	module not found in the S__RPCLB library

SDB7153T Access to utility routines is not authorized.

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.

SDB7160T LINE lineno - HTML EVALUATION ERROR (errdesc) - info

Explanation: While processing file information that 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:

lineno	line number of source file
errdesc	error description
info	additional error information

SDB7161E ABEND abcd, REASON rc DURING HTX PROCESSING

Explanation: While processing HTML extension processing, an abend occurred.

Action: Examine the source file to determine why the error occurred. Check for other messages that may indicate the cause of the error.

The variable fields of the message text are:

abcd	abend code
rc	abend reason code

SDB7162E var1var2var3var4

Explanation: This message is used internally by OPHTXPR to build abend error reporting pages (HTML or text form).

Action: None. This message is for internal use only.

The variable fields of the message text are:

var1	variable 1
var2	variable 2
var3	variable 3
var4	variable 4

SDB7163E ABEND abcd, REASON rc DURING OPHTXPR ABEND RECOVERY

Explanation: While attempting to recover from a previous abend, the second-level abend intercept was entered in OPHTXPR.

Action: Examine the source file to determine why the abend occurred. Check for other messages that may indicate the cause of the error.

The variable fields of the message text are:

abcd	abend code
rc	abend reason code

SDB7164T RUNTIME ERROR (LINE lineno) - EMBEDDED RULES AND RESCAN 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 Mainframe Adapter Server aborts processing of the current file and generates an error message output page (HTML or text form). The HTML expansion request fails, with RC=16. Remove the rule or RESCAN statement that 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 via /*WWW PATH() (from the HFS) and (2) specifying the RULE(YES) keyword for /*FILE.

The variable fields of the message text are:

lineno	line number in source file where error found
---------------	--

SDB7165T RUNTIME ERROR (LINE lineno) - ASSIGNMENT STMT FAILED - errdesc - value

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 that might indicate the cause of failure.

The variable fields of the message text are:

lineno	line number in source file where error found
errdesc	explanation for error
value	runtime value for assignment target LValue

SDB7166T <%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.

SDB7167E ABEND abcd, REASON rc DURING HTX PROCESSING OF EMBEDDED rule-type 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 that may indicate the cause of the error.

The variable fields of the message text are:

abcd	abend code
rc	abend reason code
ruletype	embedded rule type

SDB7168T LINE lineno - EXIT-FLUSH STATEMENT EXECUTED - RESCAN AND NEW RULE MATCHES DISABLED

Explanation: While processing file information that contains HTML extensions, an <%EXIT FLUSH%> statement was executed. This causes immediate exit from HTML extension file tailoring and also sets controls so that additional RESCAN or rule matches are inhibited.

Action: The Mainframe Adapter Server will flush (complete) the transaction without delay.

The variable fields of the message text are:

lineno	line number of source file
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SDB7169T LINE lineno - RESCAN STATEMENT OPERAND INVALID - reason - VALUE='value'

Explanation: While processing file information that 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 partially validated, it appears in the message; if it was not partially validated, the value string will be null.

Action: The Mainframe Adapter Server uses the value SYSTEM/ERROR/500 as a replacement for the invalid RESCAN URL. It also sets the HTTP response code to 500 (Mainframe Adapter Server error) and the error code to 61.

The variable fields of the message text are:

lineno	line number of source file
reason	reason why rescan URL is invalid
value	rescan URL operand value if partially valid

SDB7170T LINE `lineno` - EXIT OPTION, option, IGNORED BECAUSE <%RULE%> PROCESSING NOT ENABLED

Explanation: While processing file information that 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 that does not support the execution of embedded rules.

Action: The EXIT option is ignored.

The variable fields of the message text are:

lineno	line number of source file
option	EXIT option being ignored

SDB7171T LINE `lineno` - !OPTIONS `var1` - `var2`

Explanation: While parsing an !OPTIONS statement a syntax error was found. This message is traced to provide a detailed reason for the failure. HTX processing of the file fails with error code 46.

Action: Correct the !OPTIONS statement and retry

The variable fields of the message text are:

lineno	line number of source file
var1	!OPTIONS statement text
var2	Syntax error description

SDB7178T `var1` `var2` `var3` `var4` `var5`

Explanation: This message is used to dump out various internal work areas into the trace. It is triggered by setting a diagnostic parameter or control.

Action: If there are other messages indicating an error, use this message in conjunction with them to determine the cause of the problem.

The variable fields of the message text are:

var1	diagnostic text
var2	diagnostic text
var3	diagnostic text
var4	diagnostic text
var5	diagnostic text

SDB7179E DATA MAPPING - map FIELD IS TOO LONG

Explanation: During processing of a data map, a field was defined that was too long for processing. Fields of 3074 bytes are currently the longest fields allowed.

Action: Recreate the map with shorter fields, or disable this field.

The variable fields of the message text are:

map	map name
field	field name

SDB7180E /*EXECSQL STMT - `text`

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:

text	error text
-------------	------------

SDB7181T /*EXECSQL STMT - msg - sqlstmt

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, contact NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

msg	short error message / (continued)
sqlstmt	SQL statement text

SDB7182T HTML MEMBER NAME MISSING OR INVALID. DATA MAP: map, HTML MEMBER: mem

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 refreshing the data map after the HTML generation is complete.

The variable fields of the message text are:

map	name of data map in error
mem	missing or invalid HTML member name

SDB7183E /*EXECIMS STMT - text

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:

text	error text
-------------	------------

SDB7184T /*EXECIMS STMT - msg - text

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, contact NEON systems technical support for assistance with this problem.

The variable fields of the message text are:

msg	short error message / (continued)
text	IMS statement text

SDB7185E UNABLE TO OBTAIN INPUT STORAGE WORK AREA. LENGTH %1

Explanation: While processing an input request, there was insufficient 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.

SDB7186E REQUIRED HTML VARIABLE MISSING. NAME=varname

Explanation: While processing an input URL, the /*EXECIMS expects certain query variables: SWSINMAP, SWSCNVID and PFKIN. One or more of these variables was 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:

varname missing variable name

SDB7187E /*EXECCICS STMT - text

Explanation: During event procedure enablement, an /*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:

text error text

SDB7188T /*EXECCICS STMT - msg - text

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, contact NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

msg short error message / (continued)
text CICS statement text

SDB7189T TEMPORARY MAP map 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 and /*EXECCICS rule sections, an HTML file output from the HTML data set name stored within the specified map name will be selected. This information is provided for auditing and control purposes. No action may be required.

The variable fields of the message text are:

map temporary map name

SDB7190E /*TSOSRV STMT - text

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:

text error text

SDB7191T /*TSOSRV STMT - msg1 - text

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 statement text. Otherwise, contact NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

msg1	short error message / (continued)
text	TSO command text

SDB7192T /*TSOSRV STMT - msg - text

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 statement text. Otherwise, contact NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

msg	short error message / (continued)
text	TSO command text

SDB7195E rule1.rule2, /*PROGRAM STMT - text

Explanation: During event procedure enablement, a /*PROGRAM 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:

rule1	ruleset name
rule2	rule name
text	error text

SDB7200T URL READ: text

Explanation: Issued if TRACEURLREAD option is on, this message indicates that the reception of an inbound HTTP request is being traced.

Action: None. This message indicates processing performed during HTTP request receive operations.

The variable fields of the message text are:

text	text describing operation
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SDB7201T URL READ: RECEIVED length1, TOTAL length2

Explanation: Issued if TRACEURLREAD option is on, this message indicates that the reception of an inbound HTTP request is being traced.

Action: None. This message indicates processing performed during HTTP request receive operations.

The variable fields of the message text are:

length1	length of last read buffer
length2	total length of inbound URL

SDB7202T URL READ: HTTP REQUEST HEADERS - LENGTH length, DELIMITER dlmtr

Explanation: Issued if TRACEURLREAD option is on, this message indicates that the reception of an inbound HTTP request is being traced.

Action: None. This message indicates processing performed during HTTP request receive operations.

The variable fields of the message text are:

length	length of HTTP Transaction header
dlmtr	delimiters marking end of HTTP header

SDB7203T URL READ: HTTP CONTENT-LENGTH: value

Explanation: Issued if TRACEURLREAD option is on, this message indicates that the reception of an inbound HTTP request is being traced.

Action: None. This message indicates processing performed during HTTP request receive operations.

The variable fields of the message text are:

value	value of Content-Length header
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SDB7204T VARIABLE WWW.varname NOT BUILT - reason

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 inbound data, and re-submit.

The variable fields of the message text are:

varname	variable not built
reason	reason why variable not built

SDB7205T SSL ACCEPT FAILED - RC=rc1 REAS=rscd - ENCLAVE RC=rc2 FEEDBACK=(fc1 fc2 fc3)

Explanation: A pending SSL connection could not be accepted by the Mainframe Adapter Server due to a validation failure or a 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 the problem, if possible.

The variable fields of the message text are:

rc1	SSL acceptance code return code
rscd	SSL acceptance code reason code
rc2	LE/370 enclave manager return code
fc1	LE/370 enclave termination feedback codes
fc2	LE/370 enclave termination feedback codes
fc3	LE/370 enclave termination feedback codes

SDB7206T SSL READ FAILED RC=rc1 REAS=rc2 - ENCLAVE RC=rc3 FEEDBACK=(fc1 fc2 fc3)

Explanation: A RECEIVE request on an SSL connection failed due to a validation failure or a failure within the SSL connection engine. This error reports the failure.

Action: Check for other messages indicating the cause of the termination, and resolve the problem, if possible.

The variable fields of the message text are:

rc1	SSL read return code
rc2	SSL read return code
rc3	LE/370 enclave manager return code
fc1	LE/370 enclave termination feedback codes
fc2	LE/370 enclave termination feedback codes
fc3	LE/370 enclave termination feedback codes

SDB7207T SSL WRITE FAILED RC=rc1 REAS=rc2 - ENCLAVE RC=rc3 FEED- BACK=(fc1 %4 fc3)

Explanation: A SEND request on an SSL connection failed due to a validation failure or a failure within the SSL connection engine. This error reports the failure.

Action: Check for other messages indicating the cause of the termination, and resolve the problem, if possible.

The variable fields of the message text are:

rc1	SSL write return code
rc2	SSL write return code
rc3	LE/370 enclave manager return code
fc1	LE/370 enclave termination feedback codes
fc2	LE/370 enclave termination feedback codes
fc3	LE/370 enclave termination feedback codes

SDB7208T SSL CLOSE FAILED RC=rc1 REAS=rc2 - ENCLAVE RC=rc3 FEED- BACK=(fc1 fc2 fc3)

Explanation: A CLOSE request on an SSL connection failed due to a validation failure or a failure within the SSL connection engine. This error reports the failure.

Action: Check for other messages indicating the cause of the termination, and resolve the problem, if possible.

The variable fields of the message text are:

rc1	SSL close return code
rc2	SSL close return code
rc3	LE/370 enclave manager return code
fc1	LE/370 enclave termination feedback codes
fc2	LE/370 enclave termination feedback codes
fc3	LE/370 enclave termination feedback codes

SDB7209T 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 inbound 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

SDB7210T Mainframe Adapter Server VARIABLE varname SKIPPED BY GLVSTATE. PROCESSING

Explanation: The indicated inbound HTML query variable or HTTP cookie variable was not processed as expected to re-create a GLVSTATE information set.

Action: Processing of the inbound HTTP request continues; however, subsequent processing of the transaction may encounter problems in the absence of the GLVSTATE set.

The variable fields of the message text are:

varname	query (VAR.) or cookie variable name
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SDB7211T SSL CONNECT FAILED - RC=rc1 REAS=rc2 - ENCLAVE RC=rc3 FEED-BACK=(fc1 fc2 fc3)

Explanation: A attempt to establish an SSL connection failed due to a validation failure or a 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 the problem, if possible.

The variable fields of the message text are:

rc1	SSL acceptance code return code
rc2	SSL acceptance code reason code
rc3	LE/370 enclave manager return code
fc1	LE/370 enclave termination feedback codes
fc2	LE/370 enclave termination feedback codes
fc3	LE/370 enclave termination feedback codes

SDB7212T RELEASE OF SPECIALLY SIZED type AT addr1 FOR OPPr AT addr2 FAILED WITH RC=rc

Explanation: During end-of-transaction cleanup, an oversized SEF work area could not be freed and has been orphaned. The oversized work area had been allocated during execution of the previous transaction through the use of the WORKSIZE() or QUEUESIZE() keywords of a WWW rule. Oversized 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 the problem, if possible. Contact NEON Systems Technical Support if this error cannot be resolved locally.

The variable fields of the message text are:

type	type of SEF work area
addr1	address of SEF work area
addr2	address of owning process block
rc	return code from release service

SDB7213T SSL READ: text

Explanation: Issued if TRACEURLREAD option is on, this message indicates that the reception of an inbound HTTP request is being traced. This message is generated by the SSL receive routines.

Action: None. This message indicates processing performed during HTTP request receive operations.

The variable fields of the message text are:

text	text describing operation
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SDB7214T MAXIMUM NUMBER OF QUERY VARIABLES(cnt) EXCEEDED - INBOUND REQUEST CANNOT BE PARSED

Explanation: This message indicates that the inbound HTTP request contains more query variable name/value pairs than the Mainframe Adapter Server is able to parse. The maximum number of variables that can effectively be handled is given in the message.

Action: The Mainframe Adapter Server aborts parsing of the current HTTP request and responds with an HTTP 400 status message, indicating that the inbound request message is invalid. In order to correct the problem, you will need to redesign your application so that it transmits fewer query variables with any single inbound request.

The variable fields of the message text are:

cnt	maximum query variable count
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SDB7215T CANNOT DECODE DBCS QUERY DATA 'data'

Explanation: This message indicates that the inbound HTTP request contains an ASCII encoded string that could not be decoded by the Mainframe Adapter Server and converted to EBCDIC.

Action: The query data is set to include only the portion of the string that could be converted to EBCDIC. Set the DECODETRACE parameter to YES, and rerun the transaction. Contact NEON Systems Technical Support if you cannot determine the reason (invalid ISO-2022-JP or Shift-JIS encoding) for the failure.

The variable fields of the message text are:

data	ASCII query data
-------------	------------------

SDB7230T WEB BUFFER FLUSH ATTEMPTED IN X-MEM MODE BY mod+off

Explanation: A Web transaction program has issued a flush request to transmit outbound 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 that might indicate the cause of the error.

The variable fields of the message text are:

mod	calling module name
off	offset of calling routine

SDB7231T SWSEND REQUESTS EXCEPT PURGE OR FLUSH ARE INVALID FOLLOWING SWSFILE(SEND) REQUEST

Explanation: A Web transaction program has issued a request to buffer additional outbound 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 Mainframe Adapter Client.

Action: Check for other messages that might indicate the cause of the error, and correct the problem.

SDB7232T HTTP RESPONSE BUFFER LIMIT (value) EXCEEDED - SWSEND WILL ISSUE USER ABEND X'722'

Explanation: The total number of concurrently held output buffers for a single HTTP response has exceeded the MAXHTTPRESPBUFFERS limit. This may be due to a runaway transaction procedure or simply to unexpectedly large output.

Action: The SWSEND API routine issues a user abend X'722' to begin cancellation of the Web transaction subtask. If your program is expected to generate excessive output, raise the MAXHTTPRESPBUFFERS limit.

The variable fields of the message text are:

value	current response byte limit value
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SDB7233T HTTP RESPONSE BYTE LIMIT (value) EXCEEDED - SWSEND 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 runaway transaction procedure or simply to unexpectedly large output.

Action: The SWSEND 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 MAXHTTPRESPBYTES limit.

The variable fields of the message text are:

value current response byte limit value

SDB7240T USER-SPECIFIED CONTENT-LENGTH DIFFERENT THAN CALCULATED LENGTH. USER LENGTH = value, CALCULATED LENGTH = length

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 Web Server will use the content length specified by the user. If persistent session support (KEEPALIVE) is enabled, the Mainframe Adapter Server will generate a Connection: Close header to guard against problems that might be associated with sending the incorrect message body length value.

Action: Ensure that the user-generated Content-Length HTTP header does not include the length of the user-generated HTTP headers and correctly represents the length of the data being transmitted.

The variable fields of the message text are:

value user-generated Content-Length value
length Shadow Web Server calculated length

SDB7250E OPISTBRU FUNCTION TERMINATED: reason

Explanation: A product display function was invoked improperly

Action: Correct the invocation parameter list, and re-run.

The variable fields of the message text are:

reason reason for termination

SDB7251T UNKNOWN OR INVALID COOKIE FOUND. msg : text

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 the product defaults are used.

The variable fields of the message text are:

msg short description / (continued)
text cookie text

SDB7252T ONE OR MORE INVALID COOKIE VALUE FOUND. field : value

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:

field cookie field
value cookie value

SDB7253T INVALID COOKIE FORMAT num INVALID VARIABLES FOUND: value

Explanation: During execution of OPISTBRU, the stated number of cookie fields were defaulted because the cookie field was of invalid format. A 7252T message is issued for each invalid cookie field prior to the issuing of this message.

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:

num	number of invalid cookie fields
value	cookie value

SDB7254T TIMESTAMP UNRECOGNIZABLE IN RFC1123, RFC850 OR ANSI C ASC-TIME() FORMAT 'time'

Explanation: While parsing an HTTP request or response header, the timestamp value could not be parsed to yield a valid timestamp. This may be a browser dependency beyond the Mainframe Adapter Server's control.

Action: None. The Mainframe Adapter Server assumes no value is specified for the corresponding request or response header.

The variable fields of the message text are:

time	timestamp string which could not be parsed
-------------	--

SDB7255T VALUE OF 'varname' IS IMPROPERLY ENCODED: reason

Explanation: While parsing an HTTP request, an SWSECRET_ query value was detected. The Mainframe Adapter Server cannot decrypt the information for the reason indicated. Note that query variables sent out to a browser before a product restart become stale and cannot be decrypted following a restart.

Action: None. The Mainframe Adapter Server rejects the badly formed or invalid query variable and subsequently rejects the transaction with a 400 (bad request) HTTP status message.

The variable fields of the message text are:

varname	query variable name
reason	reason for decryption error

SDB7300I INVALID COMMAND SYNTAX: msg

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:

msg	message describing the syntax error
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SDB7301S 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
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SDB7302I PARSER ROUTINE (OPSXPR) FAILED WITH RC=rc

Explanation: A host command statement was invalid because the general text parsing routines failed without returning a reason for the failure.

Action: Contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

rc	return code issued by parser routine
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SDB7303S obj IS AN INVALID OBJECT FOR verb

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:

obj	the name of the unknown S__ object
verb	verb from command statement

SDB7304I oper1 KEYWORD MUST BE SPECIFIED FOR 'verb name' STATEMENT

Explanation: A host command statement was invalid because an operand that is required for this type of command statement was omitted.

Action: Correct the command statement, and re-submit.

The variable fields of the message text are:

oper1	operand which must be specified
verb	verb from command statement
name	entity name from command statement

SDB7305I oper1 KEYWORD MUST reason - SHOULD BE type

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:

oper1	operand which is invalid as coded
reason	reason why operand is invalid
type	required operand value type

SDB7306I EITHER oper1 OR oper2 KEYWORD MUST BE SPECIFIED FOR 'verb name'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:

oper1	operand which may be specified
oper2	operand which may be specified
verb	verb from command statement
name	entity name from command statement

SDB7307I oper1 KEYWORD INVALID FOR 'verb name' STATEMENT

Explanation: A host command statement was invalid because an operand was coded that is not valid for the command statement type.

Action: Correct the command statement, and re-submit.

The variable fields of the message text are:

oper1	operand which must be omitted
verb	verb from command statement
name	entity name from command statement

SDB7308I ONLY oper1 KEYWORD ALLOWED FOR 'verb name' STATEMENT

Explanation: A host command statement was invalid because an operand was coded that cannot 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:

oper1	allowable, optional operand
verb	verb from command statement
name	entity name from command statement

SDB7309I oper1 KEYWORD MUST BE value info

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:

oper1	invalid keyword operand
value	valid values for keyword operand
info	additional information

SDB7310S cmd1 IS AN INVALID cmd2 COMMAND

Explanation: The command you have coded is unknown.

Action: Enter a correct command, and rerun.

The variable fields of the message text are:

cmd1	the command that was entered.
cmd2	S__ command name

SDB7311S cmd1 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:

cmd1	S__ command name
subsys	the name of the subsystem to be used

SDB7312S 'verb name' STATEMENT FAILED WITH RC = rc

Explanation: The requested operation failed severely.

Action: There is probably some sort of internal error. Contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

verb	verb from command statement
name	entity name from command statement
rc	the product routine return code

SDB7313S AUTHORIZATION CHECK FAILED FOR 'verb name' 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 the variables of the error message text for the command statement whose access is denied. Ensure that 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:

verb	verb from command statement
name	entity name from command statement

SDB7314S parm IS NOT A VALID PRODUCT PARAMETER NAME

Explanation: The parameter name is not a valid, recognized product parameter.

Action: Correct the parameter name, and rerun.

The variable fields of the message text are:

parm	the parameter name
-------------	--------------------

SDB7315S parmval IS NOT A VALID VALUE FOR parm

Explanation: The parameter value is not valid for this parameter.

Action: Correct the value, and rerun.

The variable fields of the message text are:

parmval	the erroneous parameter value
parm	the parameter name

SDB7316E name value DOES NOT EXIST

Explanation: The entity defined by name is not yet defined; therefore, it cannot be modified.

Action: Either define the entity or remove the MODIFY.

The variable fields of the message text are:

name	entity name from command statement
value	the value of the identifying keyword

SDB7317E name value IS ALREADY DEFINED

Explanation: The indicated database has already been defined. Also issued if the WORKFILEDD operand has already been defined for some other use.

Action: Determine which definition is correct, and rerun.

The variable fields of the message text are:

name	entity name from command statement
value	the value of the identifying keyword

SDB7318S INVALID UPDATE ATTEMPT FOR name

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:

name	entity name from command statement
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SDB7319I 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.

SDB7320I DSNAME(dsn) MUST BE A PDS(E) DATA SET

Explanation: The indicated data set is not a PDS or PDSE data set.

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	dsname that is not valid
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SDB7321I RULESET ind NOT rule

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:

ind	indicator (indicates whether ruleset was DEFINED or MODIFIED)
rule	ruleset name that was defined or modified

SDB7322H jb HAS text RULESET %2

Explanation: The job or user indicated issued a critical configuration change command that was successfully processed.

Action: Information only. This message is sent to the hardcopy console log.

The variable fields of the message text are:

text	text of SEF command that was processed
-------------	--

SDB7323H SUPERVISOR STATE REQUIRED FOR 'verb1 verb2' COMMAND

Explanation: The indicated command can only be processed 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:

verb1	command verb
verb2	command verb entity

SDB7324I oper1 KEYWORD CONTAINS INVALID CHARACTER(S) AT OFFSET loff 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:

oper1	invalid keyword operand
loff	offset where invalid character(s) found

SDB7325E oper1 IS INVALID IN COMBINATION WITH oper2 FOR 'verb name' STATEMENT

Explanation: A host command statement was invalid because the specified parameters conflict.

Action: Correct the command statement, and re-submit.

The variable fields of the message text are:

oper1	operand which was specified
oper2	operand which was specified
verb	verb from command statement
name	entity name from command statement

SDB7326E oper1 MUST BE SPECIFIED IN COMBINATION WITH oper2 FOR 'verb name' STATEMENT

Explanation: A host command statement was invalid because a required parameter was not specified

Action: Correct the command statement, and re-submit.

The variable fields of the message text are:

oper1	operand which was specified
oper2	operand which was missing
verb	verb from command statement
name	entity name from command statement

SDB7327E oper1 VALUE MUST BE error THAN oper2 FOR 'verb name' STATEMENT

Explanation: A host command statement was invalid because the specified parameters conflict.

Action: Correct the command statement, and re-submit.

The variable fields of the message text are:

oper1	operand which was specified
oper2	operand which was specified
error	error condition
verb	verb from command statement
name	entity name from command statement

SDB7328E oper VALUE 'value' INVALID - error FOR 'verb name' STATEMENT

Explanation: A host command statement was invalid because the specified parameters is invalid

Action: Correct the command statement, and re-submit.

The variable fields of the message text are:

oper	operand name
value	invalid value
error	error condition
verb	verb from command statement
name	entity name from command statement

SDB7329S NOT LICENSED FOR 'verb name' STATEMENT

Explanation: The installation is not licensed to use the specified feature. The statement is not executed.

Action: Ensure that 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.

The variable fields of the message text are:

verb	verb from command statement
name	entity name from command statement

SDB7400T 'varname' INVALID GLVSTATE. VARIABLE - reason info

Explanation: The indicated variable is not a valid GLVSTATE. prefix variable. See information on the automated state management 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:

varname	variable name
reason	reason for validity check
info	additional feedback or error information

SDB7401T 'set' DOES NOT EXIST AND CANNOT BE service

Explanation: An attempt to perform a control operation on a named state information set failed because the set is not known to the system.

Action: The current request is ignored.

The variable fields of the message text are:

set	set name
service	operation being requested

SDB7402T 'value' IS NOT A VALID VALUE FOR THE 'varname' VARIABLE

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:

value	value
varname	variable

SDB7403T 'set' 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:

set	set name
------------	----------

SDB7404T 'GLVSTATE.set' MUST BE ACTIVE BEFORE UPDATE TO 'varname'

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:

set	set name
varname	variable which is a part of non-existing set

SDB7405T 'varname' REQUIRES A NUMERIC VALUE - FOUND 'value'

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:

varname	variable name
value	value passed on assignment

SDB7406T 'varname' ADJUSTED FROM value1 TO MINIMUM VALUE OF value2 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:

varname	variable name
value1	value passed on assignment
value2	minimum value used as an override

SDB7407T 'varname1' IN 'varname2' 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 less than eight (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:

varname1	variable name 2nd qualifier
varname2	variable name

SDB7408T 'qual' ALREADY EXISTS

Explanation: The indicated GLVSTATE.name group already exists. An attempt was made to assign NEW to the control variable. Such an attempt is taken as an unconditional create-set request for a set that 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:

qual	GLVSTATE.name set qualifier
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SDB7409T request varname 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 Systems Technical Support.

The variable fields of the message text are:

request	GLVSTATE. operation request type
varname	GLVSTATE. variable name to be operated on

SDB7410T Mainframe Adapter Server TOKEN CREATE/DELETE SERVICE FAILED RC=rc - GLVSTATE.set UPDATE WILL FAIL

Explanation: An internal service failed to create/delete a Mainframe Adapter Server token needed to manage a GLVSTATE. variable set. The current GLVSTATE. update request will be failed in one of two ways: (1) as though the update were to an invalid variable field name or (2) as a HALT error. The failure method depends on the type of update.

Action: Check for other messages related to this failure, and contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

rc	return code from token create service
set	GLVSTATE.name is the state set name

SDB7411T REQUEST VARIABLE 'varname' INVALID AUTOMATED STATE TRANSPORT - reason

Explanation: During Web transaction initialization, an HTML query variable or HTTP request header cookie was found with a name beginning with SWSSTATE_##### or SWSTOKEN_#####. All query variables and cookies with names in this form are reserved for automated processing of state information.

Action: The Mainframe Adapter 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 ##### 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:

varname	query/cookie variable being bypassed
reason	reason why query or cookie variable rejected

SDB7412T 'varname' BYPASSED BY ASMF - DUPLICATE GLVSTATE.set SET ALREADY EXISTS

Explanation: During Web transaction initialization, an HTML query variable and/or HTTP request header cookie that contains built-in management information for a GLVSTATE. information set was found. Information for this GLVSTATE. set has already been received from another query variable or cookie within this inbound request.

Action: The Mainframe Adapter 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.xxxxxxx 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:

varname	name of inbound variable being skipped
set	name of GLVSTATE. set duplicated

SDB7413T VARIABLE 'varname' DOES NOT CONTAIN A VALID Mainframe Adapter Server TOKEN ID - reason

Explanation: During Web transaction initialization, an HTML query variable or HTTP request header cookie was found with a name beginning with SWSTOKEN_xxxxxxx. 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 that was expected.

Action: The erroneous information is not used, the inbound query or cookie information is ignored, and no GLVSTATE. information set is created.

The variable fields of the message text are:

varname	query or cookie variable name
reason	reason why value data is invalid

SDB7414T varname VARIABLE DOES NOT CONTAIN VALID INFORMATION TO RECONSTRUCT GLVSTATE.set - reason

Explanation: During Web transaction initialization, 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 a GLVSTATE. set. Note that this can occur for incorrect length information, bad encoding of the data, or some other input anomaly.

Action: The erroneous information is not used, the inbound cookie information is ignored, and no GLVSTATE. information set is created for this variable.

The variable fields of the message text are:

varname	name of inbound query/cookie variable
set	name of GLVSTATE. set
reason	reason why value data invalid

SDB7415T Mainframe Adapter Server TOKEN ID (token) REUSED IMPROPERLY FOR GLVSTATE.set1/GLVSTATE.set2 SETS

Explanation: During Web transaction initialization, an HTML query variable or HTTP request header cookie was found with a name beginning with SWSSTATE_xxxxxxx. 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 Mainframe Adapter Server generates an S0C3 abend. Contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

token	re-used token id value
set1	name of GLVSTATE. set from token
set2	name of GLVSTATE. set from query variable

SDB7416T GLVSTATE.set NOT RECONSTRUCTED FOR TOKENID=token DUE TO ERROR errmsg

Explanation: During Web transaction initialization, an HTML query variable or HTTP request header cookie was found with a name beginning with SWSTOKEN_xxxxxxx. All query variables and cookies with names of this form are reserved for built-in GLVSTATE. processing. However, a Mainframe Adapter 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:

set	name of GLVSTATE. set
token	token id for which retrieval failed
errmsg	error found while accessing token data

SDB7417T AUTOMATED STATE MGMT MODULE (OPASMF) - INVALID PLIST plist

Explanation: The automated state management routine, OPASMF, was invoked with an invalid parameter list.

Action: The module generates an S0C3 abend to terminate the request. Contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

plist	image of parameter list in HEX
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SDB7418T 'GLVSTATE.suffix' MUST EXIST BEFORE UPDATE TO 'varname'

Explanation: The indicated GLVSTATE. collection does not exist. It must be created before the update to any collection member can be performed.

Action: Create the set before attempting to set the variable.

The variable fields of the message text are:

suffix	set name or index number
varname	variable for which update requested

SDB7419T UPDATE TO 'csym' NOT ALLOWED FOR GLVSTATE.collect COLLECTION WITH STATUS='st'

Explanation: The indicated GLVSTATE. collection is currently flagged as being in a status that 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:

csym	collection symbol being updated
collect	collection name
st	current set status value

SDB7420T UPDATE TO 'csym' NOT ALLOWED BECAUSE value EXCEEDS CURRENT SUBKEY COUNT OF num

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:

csym	collection symbol being updated
value	key index value in symbolic reference
num	current number of keys defined

SDB7421T UPDATE TO 'csym' IGNORED BECAUSE GLVSTATE.collect IS A value 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:

csym	collection symbol being updated
collect	collection name
value	current set type value

SDB7422T UPDATE TO 'csym' IGNORED BECAUSE GLVSTATE.collect IS A value TYPE SET WHICH DOES NOT USE Mainframe Adapter 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:

csym	collection symbol being updated
collect	collection name
value	current set type value

SDB7423T VALUE ASSIGNED TO 'csym' TRUNCATED BECAUSE field MAXIMUM LENGTH IS size

Explanation: The indicated GLVSTATE. variable value that 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:

csym	collection symbol being updated
field	field usage
size	maximum size for this field

SDB7425T UPDATE OF 'csym' IGNORED - TOKEN WITH ID=token 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:

csym	collection symbol being updated
token	token id for which update required

SDB7426T 'collect' 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:

collect	set collection being reset
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SDB7427T NO "Set-cookie:" SENT FOR GLVSTATE.set - COOKIE WOULD EXCEED 4K MAX. SIZE

Explanation: The indicated GLVSTATE. information set has not been 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 indicated state set is bypassed.

The variable fields of the message text are:

set	state information set name
------------	----------------------------

SDB7428T ERROR WHILE BUILDING Set-cookie: RESPONSE FOR GLVSTATE.set - RC=rc

Explanation: An error was encountered while building an outbound Set-cookie: response header for the indicated state information set.

Action: Buffer flush processing continues.

The variable fields of the message text are:

set	state information set name
rc	return code from response handler

SDB7429T VARIABLE varname CONTAINS INVALID Mainframe Adapter Server TOKENID ID WHICH MAY BE SPOOF ATTEMPT (ID=token)

Explanation: An error was encountered while attempting to restore saved state information using a Mainframe Adapter Server-side token id. The characteristics of the error encountered MAY indicate an attempt to spoof a Mainframe Adapter 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 Mainframe Adapter 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:

varname	query or cookie variable from request
token	token id that was in error

SDB7500I msg

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:

msg	user supplied message
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SDB7501W msg

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:

msg	user supplied message
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SDB7502S msg

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:

msg	user supplied message
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SDB7503H msg

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:

msg	user supplied message
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SDB8900E reason var1 var2 var3 var4 var5 var6 var7 var8

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 that might indicate the cause of the failure, and contact NEON Systems Technical Support for assistance.

The variable fields of the message text are:

reason	reason for failure
var1	variable information or text
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

SDB8901T desc var1 var2 var3 var4 var6 var6 var7 var8

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:

desc	description of traced information
var1	variable information or text
var2	variable information or text
var3	variable information or text
var4	variable information or text
var6	variable information or text
var6	variable information or text
var7	variable information or text
var8	variable information or text

SDB8902W errmsg var1 var2 var3 var4 var5 var6 var7 var8

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:

errmsg	error detected
var1	variable information or text
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

SDB8903T desc var1 var2 var3 var4 var5 var6 var7 var8

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:

desc	description of traced information
var1	variable information or text
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

SDB8904W errmsg var1 var2 var3 var4 var5 var6 var7 var8

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:

errmsg	error detected
var1	variable information or text
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

SDB8905E desc var1 var2 var3 var4 var5 var6 var7 var8

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:

desc	description of traced information
var1	variable information or text
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

SDB9000H mod/funcc 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
funcc	current function code
text	text of the message

SDB9001I 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
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SDB9002E SUBSYSTEM ss TERMINATION INCOMPLETE

Explanation: Product execution has terminated. However, one or more errors were detected during product termination. As a consequence, normal product termination was not possible.

Action: Check for any error messages issued during termination. 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. 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
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SDB9008S ABEND ERROR abcd 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 technical 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

SDB9100T INVALID COMBINATION OF ./ or ../ in "path"

Explanation: An HFS pathname string was rejected because it contains an invalid combination of ./, ../, or other characters that are not resolvable at runtime.

Action: If the PATH() operand of the matched-to WWW rule contains a wildcard(*), this may indicate an attempt by a Mainframe Adapter 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 Mainframe Adapter Server DOCUMENTROOT start-up parameter, the HFSROOT() parameter on a DEFINE RULESET statement, and/or 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:

path	invalid pathname string
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SDB9504E 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

SDB9506S 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

SDB9507E DATA SET dsn DOES NOT EXIST - LOCATE OF %1 FAILED, RC=rc, REASON=rscd

Explanation: A failure 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 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
rc	return code
rscd	reason code

SDB9508E OBTAIN OF FORMAT1 DSCB FOR DSNAME dsn VOLUME vid FAILED, RC = rc, REASON CODE = rscd

Explanation: A failure occurred during an 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
vid	volume id
rc	return code
rscd	reason code

SDB9509E OBTAIN OF FORMAT1 DSCB FOR DSNAME dsn VOLUME vid FAILED BECAUSE DATA SET IS MIGRATED

Explanation: A failure occurred during an OBTAIN of a data set. The data set volser is set to MIGRAT, indicating the data set 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 Mainframe Adapter Server functions, you may need

to manually recall the data set 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
vid	volume id

SDB9990I var1var2var3var4var5var6var7var8var9var10var11

Explanation: This is a generic message used to format information relating to abends detected by the product. The abend module, abend offset, 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 of the information, and report the problem to NEON Systems Technical 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

SDB9999T 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
var2	none
var2	none

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 scexexe call in line of file <...>

Explanation: Wrong pairing of scexexpr or scexexe 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 Mainframe Adapter 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 Mainframe Adapter 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 corre-

sponding 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.

