Messages and Codes

Version 1 Release 1
Messages and Codes

Version 1 Release 1
Note!

Before using this information and the product it supports, be sure to read the general information under "Notices" on page [119].

Second Edition (October 2015)

This document applies to the Workload Simulator Version 1 Release 1 (program number 5655-I39), an IBM licensed program, which runs under the following operating systems:

- MVS/370 (MVS/SP Version 1 or later)
- MVS/Extended Architecture (MVS/SP Version 2 or later)
- MVS/Enterprise System Architecture (MVS/SP Version 3 or later)
- OS/390

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## Contents

### About this book
- Who should read this book
- How to use this book
- Where to find more information

### Chapter 1. Introduction
- What is Workload Simulator?
- Message format

### Chapter 2. WSim messages
- Console messages (1 - 299)
- WSim/ISPF Interface messages (350 - 399)
- Informational log data set messages (400 - 499)
- Loglist Utility console messages (500 - 599)
- Response Time Utility messages (600 - 649)
- Preprocessor messages (650 - 699)
- Script generator utilities messages (851 - 899)
- ITPECHO messages (900 - 949)
- Log Compare Utility messages (1000 - 1099)
- Initiator messages (1200 - 1399)
- Interactive Data Capture Utility (ITPIDC) messages (1500 - 1599)
- Log Script Generator Utility (ITPLSGEN) messages (1600 - 1699)
- ITPLU2RF messages (1800 - 1808)
- TCP/IP trace and STL program generation messages (1900 - 1999)
- Structured Translator Language (STL) Translator messages (3000 - 3201)
- STL loglist messages (3500 - 3599)
- CPI-C loglist messages (4001 - 4030)

### Chapter 3. Return codes
- WSim Simulation return codes
- ITPSGEN return codes
- ITPTBRF return codes
- ITPLU2RF return codes
- ITPIPTRX return codes
- ITPIPGEN return codes
- Preprocessor return codes
- ITPSYSIN return codes
- ITPIDC return codes
- ITPCOMP return codes
- ITPLSTL return codes

### Notices
- Trademarks and service marks

### Glossary

### Bibliography
- WSim Library
- Related publications
About this book

This book describes the messages and codes that you might encounter while running Workload Simulator (WSim) and its associated utilities. It is intended to help customers interpret WSim messages. It contains the text and descriptions of WSim messages.

Who should read this book

This book is intended for anyone who executes WSim. To use this book, you need to be familiar with network configurations and WSim concepts.

How to use this book

The purpose of this book is to explain messages that might appear when you execute WSim. For each message, this book describes the condition that caused the message, the reaction of the system to the message, and possible user actions that isolate and correct the condition.

• Chapter 1, “Introduction,” on page 1 describes how the messages in this book are presented.
• Chapter 2, “WSim messages,” on page 3 describes the various WSim messages as follows:
  – “Console messages (1 - 299)” on page 3 describes the WSim console messages.
  – “WSim/ISPF Interface messages (350 - 399)” on page 18 describes the WSim/ISPF Interface messages.
  – “Informational log data set messages (400 - 499)” on page 19 describes the log data set messages.
  – “Loglist Utility console messages (500 - 599)” on page 31 describes the Loglist Utility messages.
  – “Response Time Utility messages (600 - 649)” on page 34 describes the Response Time Utility messages.
  – “Preprocessor messages (650 - 699)” on page 38 describes the preprocessor messages.
  – “Script generator utilities messages (851 - 899)” on page 40 describes the Script Generator Utility messages.
  – “ITPECHO messages (900 - 949)” on page 42 describes the ITPECHO messages.
  – “Log Compare Utility messages (1000 - 1099)” on page 44 describes the Log Compare Utility messages.
  – “Initiator messages (1200 - 1399)” on page 47 describes the initiator messages.
  – “Interactive Data Capture Utility (ITPIDC) messages (1500 - 1599)” on page 60 describes the Interactive Data Capture (IDC) Utility messages.
  – “Log Script Generator Utility (ITPLSGEN) messages (1600 - 1699)” on page 63 describes the Log Script Generator (LSGEN) Utility messages.
  – “ITPLU2RF messages (1800 - 1808)” on page 69 describes the WSim SNA 3270 Reformatter messages.
  – “Structured Translator Language (STL) Translator messages (3000 - 3201)” on page 75 describes the messages that you get when running the STL Translator.
- “STL loglist messages (3500 - 3599)” on page 100 describes the STL Loglist messages.
- “CPI-C loglist messages (4001 - 4030)” on page 105 describes the CPI-C Loglist messages.
- Chapter 3, “Return codes,” on page 113 describes the completion codes.

Where to find more information

The following list shows the books in the WSim library. For more information about related publications, see the “Bibliography” on page 127.

Planning, Installation, and Operation

WSim User’s Guide                  SC31-8948
WSim Test Manager User’s Guide and Reference  SC31-8949
WSim Messages and Codes             SC31-8951

Resource and Message Traffic Definition

Creating WSim Scripts                SC31-8945
WSim Script Guide and Reference     SC31-8946
WSim Utilities Guide                SC31-8947

Customization

WSim User Exits                    SC31-8950
Chapter 1. Introduction

This chapter describes Workload Simulator (WSim) and explains how the messages in this book are formatted.

What is Workload Simulator?

WSim is a terminal and network simulation tool. You can use WSim to determine system performance and response time, to evaluate network design, to perform functional testing, and to automate regression testing. Used as a basic tool in a comprehensive test plan, WSim increases the effectiveness of system testing by providing a structural and systematic approach to all phases of system testing.

Message format

This book describes the messages and return codes that are generated by WSim and its utilities.

Each message contains the following information:

**Explanation**

Explains the message, any variable fields that appear in the message, and the condition that caused the message to appear.

**System Action**

Explains how WSim or the operating system responds to the conditions that caused the message to appear and indicates if the system requires a reply.

**User Response**

Explains how you can isolate or correct error conditions and directs you to the information needed for determining why an error occurred.

Some messages also contain examples to help you understand more about the message.
Chapter 2. WSim messages

This chapter describes the messages that are issued by WSim and its related programs and components. Messages are listed in ascending numerical order and are grouped according to the issuing program. Range indicators at the top of each page help you locate the wanted message.

Console messages (1 - 299)

This section describes the WSim console messages. These messages indicate system responses, console command errors, and system or configuration-related errors.

ITP001E hh.mm.ss.th WSim [jobname]

Explanation: This message is the time-stamped outstanding write-to-operator with reply that allows WSim operator commands to be entered when using the WSim WTOR operator interface. The time stamp appears as hh.mm.ss.th (hours, minutes, seconds, and hundredths of seconds). The MVS™ job name is appended to the message when running directly under MVS. This message is also issued when a null line is entered when running under TSO and indicates that WSim has suspended output to the TSO terminal until a WSim command or another null line is entered. This message is not issued when using the modify interface.

System action: Processing continues.

User response: Enter a valid operator command.

ITP002I network rname [sessno] - operator command

Explanation: This message is written when an operator command is issued from a message generation deck with the OPCMND statement or one of the operator command functions of the User Exit Interface Routine is invoked. The message contains the name (netname) of the network, the name (rname) of the terminal, device, or the LU issuing the OPCMND or invoking the user exit, and the operator command. It also contains the LU session number (sessno), if applicable. This message is always written to the log data set and is written to the WSim console when the MONCMND option is active for the network issuing the OPCMND or invoking the user exit.

System action: Processing continues.

User response: Enter a valid operator command.

ITP003I WSim INITIALIZATION COMPLETE

Explanation: The message indicates that the WSim initialization process is complete, and the WSim system is ready for use.

System action: WSim begins initializing any network that is specified in an NTWRK or NTWRKL execution parameter, or WSim waits for operator input.

User response: You can now enter operator commands.

ITP004I CANCEL IN PROGRESS

Explanation: A C (Cancel) operator command is entered and the cancellation process begins.

System action: The system prints end-of-run reports and frees the resources.

User response: Wait for message ITP025I to indicate completion of the cancel operation.

ITP005I WSim COMMAND INVALID

Explanation: An invalid WSim operator command was entered.

System action: The system ignores the command.

User response: Enter a valid operator command.

ITP006I NETWORK netname STARTED

Explanation: A S (Start) operator command for a network or an I (Initialize) operator command with the start option was issued, and the specified network (netname) and all associated resources were started, unless STIME is coded on the NTWRK statement or errors are encountered starting individual lines. This message is also issued for each network started when a Q (Query) operator command is entered without a WSim resource name specified.

System action: The network is started or the system starts the network.

Note: If the STIME operand of the NTWRK statement was coded for the network, not all the VTAMAPPLs or APPCLU are started immediately.
ITP007I NETWORK netname ALREADY ACTIVE

Explanation: A S (Start) operator command was issued for a network (netname) that was already started.

System action: Processing continues.

User response: None.

ITP008I NETWORK netname NOT FOUND

Explanation: An operator command is entered, but the network specified (netname) is not initialized.

System action: WSim waits for the next operator command.

User response: Initialize the specified network name.

ITP009I rtype rname ALREADY STARTED

Explanation: An operator command to start a resource (rname) was entered but that resource was already started. The resource type (rtype) is either TCPIP, VTAMAPPL, or APPCLU.

System action: The system ignores the command and continues processing.

User response: None.

ITP010I rtype rname STARTED

Explanation: An operator command to start a resource (rname) was entered, and that resource was successfully started. The resource type (rtype) is either TCPIP, VTAMAPPL, or APPCLU.

System action: The system starts the resource.

User response: Remember that a start rtype command overrides the STIME operand of the NTWRK statement.

ITP011I NETWORK netname NOT ACTIVE

Explanation: During processing of a P (Stop) operator command, the network netname was found to be inactive.

System action: The system ignores this stop operator command.

User response: A previous stop operator command might specify this network or all networks by mistake, or netname might be specified incorrectly.

ITP012I NETWORK netname STOPPED

Explanation: This message is received as a result of processing a P (Stop) operator command. The name of the stopped network is netname. This message is also issued for each initialized and stopped network when a Q (Query) operator command is entered without a WSim resource name specified.

System action: For the P (Stop) operator command, the system stops the specified network and all of its associated active resources.

User response: None.

ITP013I rtype rname NOT STARTED

Explanation: This message is received as a result of processing a stop, console recovery, or vary command for a resource that is associated with rname. The resource (rname) is not started. The resource type (rtype) is either TCPIP, VTAMAPPL, or APPCLU.

System action: The system ignores the command.

User response: None.

ITP014I rtype rname STOPPED

Explanation: An operator command to stop a resource (rname) was entered, and that resource was successfully stopped. The resource type (rtype) is either TCPIP, VTAMAPPL, or APPCLU.

System action: The system stops the specified resource.

User response: None.

ITP016I Workload Simulator (WSim) VERSION 1, RELEASE 1.0, service_level, date, time

Explanation: This message is printed at the beginning of WSim execution and preprocessor execution. It contains the program service level (service_level) and the load module creation date (date) and time (time).

System action: The indicated version, release, and service level of WSim is executing.

User response: None.

ITP017I OPEN FAILED FOR ddname DCB

Explanation: An OPEN failed in the preprocessor for the data control block (DCB) for the required data set specified by ddname.

System action: Processing stops with return code 8.

User response: Correct the failure and submit the job again.

ITP018I NETWORK NAME NOT VALID

Explanation: During processing of an I (Initialize) operator command, the network name was found to be invalid.

System action: Processing of this command stops.

User response: Make sure that the network name follows valid syntax rules (network name must be a
1-character to 8-character name) and submit the command again.

**ITP019I** NETWORK *netname* ALREADY INITIALIZED

**Explanation:** A network with the same name (*netname*) as that specified on an I (Initialize) operator command is already initialized.

**System action:** The system rejects this command.

**User response:** Continue with other commands or cancel the network and enter the I (Initialize) operator command again.

**ITP020I** INVALID OR UNDEFINED UTI REFERENCED

**Explanation:** An A (Alter) operator command was issued which referenced a UTI that is not defined in the network.

**System action:** The system ignores this command.

**User response:** Wrong UTI name might be specified. If so, reenter the command with the right UTI name.

**ITP021I** VALUE *value* NOT VALID

**Explanation:** An invalid value (*value*) was specified on a D (Dump) operator command (D *ntwrk*, *value*).

**System action:** The command is rejected.

**User response:** The *value* must be N or L, or the second operand (including the preceding comma) must be omitted. Refer to WSim User's Guide for definitions of N and L.

**ITP022I** NETWORK *netname* RESET

**Explanation:** The network (*netname*) is reset by a R (Reset) operator command.

**System action:** The system resets the specified network.

**User response:** None.

**ITP025I** CANCEL COMPLETE

**Explanation:** This message indicates that a C (Cancel) operator command completed processing.

**System action:** The system prints all of the end-of-run reports and deletes all of the control blocks for the specified networks.

**User response:** To use the canceled resources again, initialize the networks.

**ITP026I** OPEN FAILED FOR INITIATOR DCB

**Explanation:** During WSim initialization processing, one of the data sets, INITDD or MSGDD, required for initiator processing cannot be opened successfully.

**System action:** WSim stops with return code 8.

**User response:** Make sure that the initiator data sets are correctly specified and are available.

**ITP027I** FIND FAILED FOR NETWORK *netname* RC *rc*

**Explanation:** In processing the initiate command for the network *netname*, a nonzero return code was received when WSim attempted to FIND the network definition member. The return code (*rc*) can be one of the following types:

- 4 The network *netname* was not found in the data set specified by the INITDD DD statement.
- 8 A permanent I/O error occurred during the directory search for the network *netname*.

**System action:** Processing of this command stops.

**User response:** Make sure that the network name specified is valid.

**ITP028I** INITIALIZATION ENDED WITH ERRORS FOR NETWORK *netname*

**Explanation:** Errors were found in the network definition statements while preprocessing or while processing the I (Initialize) operator command for network *netname*.

**System action:** The system writes the error messages to the SYSPRINT file.

**User response:** Examine the printer output and make the necessary corrections.

**ITP029I** INITIALIZATION COMPLETE FOR NETWORK *netname*

**Explanation:** Initialization for network *netname* ended without errors.

**System action:** All control blocks are built and the network is ready to be started.

**User response:** If this message was received during WSim execution, use the S (Start) operator command to start the network, unless the S operand was specified on the I (Initialize) operator command.
ITP030I  MESSAGE LOG OVERRUN - BLOCK SKIPPED

Explanation: A portion of the message log data is lost because the log buffers are being filled faster than they can be written to the message log data set.

System action: WSim continues processing.

User response: Ensure that the log data set is available. If it is available, increase the message log buffer capacity as described in WSim User’s Guide. If the problem persists, try to lower the number of terminals that use the following options:
  - LOGDSPLY=BOTH
  - LOGDSPLY=BEGIN
  - LOGDSPLY(END
  - MSGTRACE=YES
  - STLTRACE=YES
  - CPITRACE=VERB
  - CPITRACE=VERBEND
  - CPITRACE=MSG

Note: This message is issued only for the first occurrence of a series of consecutive overruns.

ITP031I  NETWORK netname ACTIVE, RESET IGNORED

Explanation: A RESET command was entered and the specified network (netname) was either not stopped or an interval report was being printed for that network.

System action: The RESET command is ignored for the named network.

User response: Reissue the RESET command after stopping the network or after completion of the interval report.

ITP032I  STORAGE NOT AVAILABLE FOR PREPROCESSOR

Explanation: The preprocessor cannot obtain input/output (I/O) buffer storage that is required for execution.

System action: The preprocessor stops with return code 4.

User response: Make more storage available and run the preprocessor again.

ITP033I  ALTER COMPLETE

Explanation: This message appears when an A (Alter) operator command completes successfully.

System action: The parameter that is specified by the command is altered.

User response: None.

ITP034I  NETWORK netname CANNOT BE INITIALIZED

Explanation: Initialization processing of the network (netname) cannot be completed by WSim due to insufficient storage.

System action: WSim stops processing with return code 4.

User response: Make more storage available and submit the job again.

ITP035I  START FAILED FOR rtype rname

Explanation: The S (Start) operator command for resource rname failed due to an error detected on the open ACB operation for a VTAM® application (VTAMAPPL or APPCLU). The resource type (rtype) is either TCPIP, VTAMAPPL, or APPCLU.

System action: The resource is not started. For a VTAMAPPL or APPCLU, message ITP118I is generated to indicate the type of open ACB error.

User response: If rtype is VTAMAPPL or APPCLU, check the APPL definitions. If rtype is TCPIP, ensure that TCP/IP is running on the local host and the TCPNAME operand is correct. Correct the error and try the command again.

ITP037I  STORAGE NOT AVAILABLE TO PRINT INITIATOR ERROR NUMBER errnum

Explanation: During initialization of a network, the error that is described by error message ITPerrnum is detected, but storage to build error message control blocks for the print module cannot be obtained using the GETMAIN macro.

System action: Initialization of the network is ended with errors.

User response: Correct the error and run WSim again with a larger allocated region size to allow all error messages to be printed.

ITP039I  MESSAGE LOGGING ABORTED [, NETWORK netname]

Explanation: Message logging is halted for the network (netname) or for the general log data set if no network name is shown. This occurs when the log data set fails to open.

System action: Processing continues without the message log facility.

User response: If message logging is wanted, check both the device and the data set definition in the JCL, correct any problems, and try the network again. If message logging is not wanted, you can continue.
ITP044I STORAGE NOT AVAILABLE FOR MESSAGE LOG BUFFERS [NETWORK netname]

Explanation: Not enough storage is available for message log buffers. The NETWORK netname portion of the message appears for network log data sets only.

System action: The message logging function is not active.

User response: To use the logging function, run WSim in a larger region. If you do not want to use the logging function, continue with this run.

ITP048I MESSAGE LOGGING STOPPED DUE TO ERRORS [NETWORK netname]

Explanation: An input/output error occurred while writing to the message log data set. This message is also issued when logging to disk and the data set or disk space is exhausted. The NETWORK netname portion of the message appears for network log data sets only.

System action: The message logging function is suspended.

User response: You can try to start the message logging facility again with theE (Restart Message Logging) operator command.

ITP050I NO NETWORKS INITIALIZED

Explanation: A C (Cancel), Q (Query), R (Reset), S (Start), or P (Stop) operator command was entered, but no networks were initialized.

System action: The system ignores the command.

User response: Initialize the appropriate networks before entering other operator commands.

ITP052I MESSAGE LOG NOT ACTIVE [NETWORK netname]

Explanation: This message indicates the message logging facility is inactive. While processing an E (Restart Message Logging) operator command, it was discovered that either the LOGDD statement specifying the log output device is missing or, if logging to tape, the tape is not mounted. The NETWORK netname portion of the message only appears for network log data sets.

System action: The message logging facility remains inactive.

User response: Run without message logging or correct the error and start over.

ITP053I INPUT PRINTING SUSPENDED

Explanation: The printing of the input records for the preprocessor or initiator is stopped for this network due to lack of storage.

System action: Printing of the input records as indicated on the I (Initialize) operator command or execution parameters for the preprocessor stops.

User response: Make changes where possible to acquire storage for printing purposes.

ITP054I COMMAND SYNTAX ERROR

Explanation: An operator command was entered with invalid syntax. This message appears for one of the following reasons:
- A command other than ZEND (closedown), but starting with the letter Z was entered.
- A T (Trace) operator command was entered with an invalid operand for trace functions.
- An I (Initialize) operator command was entered with an invalid format.
- An operator command was entered, and one of the following errors was detected:
  - A null operand, an operand longer than eight characters, or a line name not five characters in length is entered.
  - Additional operands follow the resource name when none are allowed.
  - A resource name being queried is qualified with the names of higher-level resources. Enter the name of only the resource to be queried.

System action: The system ignores the command.

User response: Correct the syntax error and enter the command again.

ITP056I INVALID PARAMETER FIELD DETECTED

Explanation: An invalid parameter was encountered while scanning the execution parameters for ITPENTER.

System action: ITPENTER stops with return code 12.

User response: Correct the parameters and start ITPENTER again.

ITP057I SUB DECK ALREADY DELETED OR SAME AS DELETE DECK

Explanation: An A (Alter) operator command for a delete path entry function (D=dname,sname) was entered. The substitute deck sname is deleted or the delete deck and substitute deck are the same.

System action: The system ignores the A (Alter) operator command.
ITP058I MESSAGE DECK TO BE REINSTATED NOT FOUND

Explanation: An A (Alter) operator command for a delete path entry reinstate function (R=dname) was entered. The dname specified does not exist for this network.

System action: The system ignores the A (Alter) operator command.

User response: Specify the correct dname and enter the command again.

ITP065I rtype rname CANCELLED

Explanation: A C (Cancel) operator command for resource rname was entered and processed. The resource type (rtype) is either TCPIP, VTAMAPPL, or APPCLU.

System action: The system cancels the specified resource from its associated network. If this resource was the last resource in the network to be canceled, message ITP064I follows immediately.

User response: None.

ITP066I INVALID OPERAND FORMAT

Explanation: An operator command was entered, but the format used was not valid for the specified function.

System action: The system ignores the command.

User response: Correct the error and enter the command again.

ITP067I INVALID OPERAND VALUE

Explanation: An operator command was entered, but the specified value is not within the acceptable range for the function.

System action: The system ignores the command.

User response: Check the values that are specified, make corrections where necessary, and enter the command again.

ITP068I SOURCE AND UPDATE OPERAND VALUES ARE NOT COMPATIBLE

Explanation: A M (Display Monitor Facility) operator command was entered that specified SOURCE=DATA and UPDATE=MONITOR or UPDATE=TIMER. SOURCE=DATA can be specified with UPDATE=XMITRECV only.

System action: The system ignores the command.

User response: Correct the error and enter the command again.

ITP069I EVENT ename NOT FOUND

Explanation: The event name ename, specified by the POST, RESET, or SIGNAL operands of the A (Alter) operator command entered, cannot be found.

System action: The system ignores the command.

User response: Make sure that the correct event name is entered. If not, enter the command again with the correct name.

ITP073I STORAGE NOT AVAILABLE FOR TRACE DUMP

Explanation: An operator command was entered, but storage was not available to provide all of the data requested.

System action: The dump of at least one of the tables requested was not taken.

User response: Make more storage available to WSim.
ITP076I  DISPLAY OPERAND REQUIRED
Explanation: An M (Display Monitor Facility) operator command was entered to start monitoring a simulated device and the DISPLAY operand was not coded. The DISPLAY operand is required to specify the name of the monitoring display.
System action: The system ignores the command.
User response: Correct the error and enter the command again.

ITP077I  NETWORK netname MESSAGE RATES
         num1 RECEIVED, num2 SENT
Explanation: The network netname received num1 messages and sent num2 messages during the interval. This message, generated as a result of the CONRATE operand of the NTWRK statement, provides the message rates from the network interval report at the console. The message is printed each time the interval report for the network is printed.
System action: Processing continues.
User response: None.

ITP078I  SCAN FUNCTION NOT DEFINED FOR TERMINAL termname
Explanation: A recovery command was entered specifying a terminal (termname) that has devices, but the command did not contain a device name.
System action: The system ignores the command.
User response: Specify a device name and enter the recovery subcommand again.

ITP079I  WSim IS CLOSED DOWN
Explanation: WSim stops normally.
System action: WSim returns control to the operating system.
User response: None.

ITP081I  MESSAGE DECK TO BE DELETED NOT FOUND
Explanation: An A (Alter) operator command for a delete path entry function (D=dname,snname) was entered, and the message generation deck that is specified for sname does not exist for this network.
System action: The system ignores the command.
User response: Make sure that sname was specified correctly.

ITP082I  MESSAGE DECK TO BE SUBSTITUTED NOT FOUND
Explanation: An A (Alter) operator command for a delete path entry function (D=dname,snname) was entered, and the message generation deck that is specified for sname does not exist for this network.
System action: The system ignores the command.
User response: Make sure that sname was specified correctly.

ITP084I  ERROR ON SYSPRINT DYNAMIC ALLOCATION - PRINTING STOPPED
Explanation: Processing of an output command is completed when an error occurred while trying to dynamically reallocate the SYSPRINT data set.
System action: WSim continues to run, but all printing stops.
User response: Continue without printer output, or stop WSim and start again.

ITP085I  SYSPRINT DATA SET NOT DYNAMICALLY ALLOCATED
Explanation: An output command was entered, but the SYSPRINT data set was not dynamically allocated.
System action: The system ignores the output command.
User response: The output command function is not available.

ITP086I  SYSPRINT CLOSE AND REALLOCATION REQUEST ACCEPTED
Explanation: An output command was entered, and the SYSPRINT data is released to the MVS output writer.
System action: Processing continues.
User response: None.

ITP087I  CONSOLE RECOVERY COMPLETE
Explanation: The previously entered console recovery mode operation is completed and console recovery mode is no longer active.
System action: Processing continues.
User response: None.
WSim Messages and Codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Message</th>
<th>Explanation</th>
<th>System action</th>
<th>User response</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITP093I</td>
<td>STORAGE NOT AVAILABLE FOR COMMAND EXECUTION</td>
<td>Console recovery mode is active, but WSim is unable to obtain extra storage that is required to process console recovery subcommands now.</td>
<td>The subcommand is not executed.</td>
<td>Try the wanted console recovery subcommand again. If storage is still unavailable, run WSim with a larger virtual storage size.</td>
</tr>
<tr>
<td>ITP095I</td>
<td>SESSION NUMBER sessno INVALID</td>
<td>An Alter, Query, or console recovery operator command was entered, but the session number sessno specified with the LU name contained invalid data or cannot be found.</td>
<td>The system ignores the command.</td>
<td>If sessno was incorrectly specified, enter the command again with the correct specification.</td>
</tr>
<tr>
<td>ITP096I</td>
<td>DUPLICATE OPERANDS NOT ALLOWED</td>
<td>Duplicate operands were detected on a monitor operator command.</td>
<td>The system ignores the command.</td>
<td>Correct the error and enter the command again.</td>
</tr>
<tr>
<td>ITP100I</td>
<td>DATA RECV - data</td>
<td>This message is issued when data is received for a device or LU that is in console recovery mode. The CRDATA LN operand for the resource determines the length of data received.</td>
<td>Processing continues.</td>
<td>The information in this message can be used along with console recovery subcommands to converse with the host application.</td>
</tr>
<tr>
<td>ITP101I</td>
<td>CONSOLE RECOVERY MODE ABORTED</td>
<td>Console recovery mode was ended prematurely because of a line error or because WSim was stopped by a system stop command.</td>
<td>Console recovery mode ends.</td>
<td>None.</td>
</tr>
<tr>
<td>ITP102I</td>
<td>SUBCOMMAND NOT VALID FOR DEV/LU rname</td>
<td>A subcommand was entered that was not valid for resource rname.</td>
<td>The system ignores the command.</td>
<td>Enter a subcommand that is valid for the terminal type for which console recovery is entered.</td>
</tr>
<tr>
<td>ITP103I</td>
<td>INVALID FORMAT FOR WSim SUBCOMMAND</td>
<td>A valid subcommand was entered, but the format of the command was incorrect.</td>
<td>The system ignores the command.</td>
<td>For more information about the format of subcommands, refer to WSim User’s Guide.</td>
</tr>
<tr>
<td>ITP104I</td>
<td>SPECIFIED FUNCTION KEY NOT VALID</td>
<td>A K subcommand was entered, but the specified 3270, LU2, or LU7 function key was not valid.</td>
<td>The system ignores the subcommand.</td>
<td>For a list of valid function keys, refer to WSim User’s Guide.</td>
</tr>
<tr>
<td>ITP105I</td>
<td>MESSAGE LOGGING RESUMED [NETWORK netname]</td>
<td>The message logging facility was suspended because of an I/O error, an E (Restart Message Logging) operator command was entered, and message logging is successfully restarted. The NETWORK netname portion of the message appears for network log data sets only.</td>
<td>Message logging continues.</td>
<td>None.</td>
</tr>
</tbody>
</table>

ITP093I • ITP106I
ITP109I  DELETE DECK ALREADY DELETED  
Explanation: An A (Alter) operator command for a delete path entry function (D=dname,sname) was entered, but the deck that is specified for dname is deleted.

System action: The deck that is specified by sname is not substituted for dname.

User response: If another deck is to be substituted for the one specified by dname, the dname deck must first be reinstated using the A (Alter) operator command with R=dname.

ITP110I  REINSTATE DECK ALREADY ACTIVE  
Explanation: An A (Alter) operator command with the operand R=dname to reinstate the message generation deck dname was entered, but dname was still active.

System action: No action was taken as a result of this command.

User response: A previous deletion (D=dname,sname) command might delete the wrong deck or might not execute at all.

ITP113I  netname dev/lu - message data 
Explanation: A write-to-operator (WTO) script statement was processed by a simulated device, or LU. The message contains the network name (netname) and device/lu name (dev/lu) followed by the data that is entered on the WTO statement (message data).

System action: Processing continues.

User response: None.

ITP114I  MAXIMUM ALLOWABLE OPERANDS EXCEEDED  
Explanation: An A (Alter) operator command was entered that contained too many path values.

System action: The system ignores the command.

User response: Enter the A (Alter) operator command again with a maximum of 25 path entries.

ITP115I  INVALID OR UNDEFINED PATH REFERENCED  
Explanation: An A (Alter) operator command was entered that referenced a PATH not defined in the network.

System action: The system ignores the command.

User response: If the wrong path is specified, enter the command again with the correct path.

ITP116I  INSUFFICIENT STORAGE AVAILABLE FOR NETWORK netname OPERATION  
Explanation: An attempt was made to use system storage, but there was not sufficient storage to satisfy the request. The network name is netname.

System action: Messages or responses might be lost.

User response: Increase the region or virtual machine size and run again.

ITP117I  RESOURCE rname NOT FOUND  
Explanation: An operator command is entered, but the resource (rname) cannot be found.

System action: The system ignores the command.

User response: If the correct resource name was specified, that resource might be deleted from the network by a previous C (Cancel) operator command.

ITP118I  [OPEN | CLOSE] ACB FAILED FOR [VTAMAPPL | APPCLU] applname - [ACB ERROR FIELD = xx | RETURN CODE = yy] - error_description  
Explanation: An open or close ACB operation failed for the indicated VTAMAPPL or APPCLU (applname). The error field from the ACB or the return code from the open or close is provided along with a description of the error condition. For more information about the meanings of xx and yy, refer to ACF/VTAM Programming, SC27-0611 for an explanation of the OPEN macro.

System action: The VTAMAPPL or APPCLU is considered stopped.

User response: Change the definition of the VTAM application (VTAMAPPL or APPCLU statement) in the WSim network as required, based on the description of the error provided.

ITP119I  NO CONTROL BLOCKS ALTERED  
Explanation: An A (Alter) operator command was entered that was syntactically correct but for which no control block alteration took place.

System action: The command was executed, but the control blocks were not changed.

User response: If this is not expected, review the commands that are entered to this point.

ITP120I  INVALID OPERAND FOR LEVEL SPECIFIED  
Explanation: An A (Alter) operator command was entered with a level of qualification that was invalid for the operand specified.

System action: The system ignores the command.

**ITP125I** INVALID LEVEL SPECIFIED FOR COMMAND

Explanation: A command was entered that specified a level of qualification that was invalid for the operand specified. Refer to WSim User’s Guide for more information.

System action: The system ignores the command.

User response: Enter the command again with a valid level of qualification.

**ITP126I** DUMP OF TRACE QUEUED FOR PRINT

Explanation: A previously entered T (Trace) operator command is accepted.

System action: The trace output data is queued to the printer output task.

User response: None.

**ITP127I** VTAM SHUTDOWN SIGNALLED FOR {VTAMAPPL|APPCLU} applname - REASON CODE = xx - [STANDARD HALT]||[QUICK HALT]||[CANCEL HALT]

Explanation: VTAM shutdown is signaled for the indicated VTAMAPPL or APPCLU with the TPEND exit routine. For more information about the meaning of xx and for an explanation of the TPEND exit routine, refer to ACF/VTAM Programming.

System action: The VTAMAPPL or APPCLU is stopped.

User response: None.

**ITP130I** WSim taskname SUBTASK HAS TERMINATED ABNORMALLY

Explanation: Subtask taskname stopped abnormally.

System action: The WSim job step ends immediately by an ABEND with user code 100.

User response: Save the abend documentation and contact your WSim support representative.

**ITP132I** VTAM SETLOGON REQUEST FAILED FOR {VTAMAPPL|APPCLU} applname

Explanation: As part of the VTAM application start procedure, the SETLOGON REQUEST failed for the indicated VTAMAPPL or APPCLU applname.

System action: None.

User response: Take a dump of the WSim control blocks and contact your WSim support representative.

**ITP134I** network line term dev DEV IS NOW INACTIVE time

Explanation: The device that is identified by network line term dev entered the WSim inactive state at time.

System action: WSim processing continues.

User response: Refer to Creating WSim Scripts for an inactive resource.

**ITP135I** network vtamappl lu LU IS NOW INACTIVE time

Explanation: The logical unit that is identified by network vtamappl lu entered the WSim inactive state at time.

System action: WSim processing continues.

User response: Refer to Creating WSim Scripts for an inactive resource.

**ITP136I** network line term dev DEV IS NOW INACTIVE time

Explanation: The terminal that is identified by network line term dev entered the WSim inactive state at time.

System action: WSim processing continues.

User response: Refer to Creating WSim Scripts for an inactive resource.

**ITP137I** network vtamappl lu LU IS NOW INACTIVE time

Explanation: A WTO statement was processed for a simulated logical unit or transaction program. The network name is netname. The LU or TP name is lu. The session or instance number is sessno, and the data that is entered on the WTO statement is message data.

System action: Processing continues.

User response: None.

**ITP138I** ITPENTER TASK percent ACTIVE, num WAITS

Explanation: This message is displayed each minute for the WSim main task, ITPENTER, if the CPUSTATS parameter was specified on the EXEC statement. The percentage of the minute that the named task was not in a WSim-initiated wait state is percent. A count of the WAIT macros that are issued by that task during the minute is num.

System action: Processing continues.

User response: None.
ITP139I  [THERE ARE NO TERMINALS ACTIVE] [THERE ARE NO TERMINALS INACTIVE] [THERE ARE NO TERMINALS QUIESCED] [THERE ARE NO TERMINALS READY] [THERE ARE NO TERMINALS TERMINATED] [THE FOLLOWING TERMINALS ARE ACTIVE] [THE FOLLOWING TERMINALS ARE INACTIVE] [THE FOLLOWING TERMINALS ARE QUIESCED] [THE FOLLOWING TERMINALS ARE READY] [THE FOLLOWING TERMINALS ARE TERMINATED] [terminal_names] [TOTAL = number TERMINALS]

Explanation: This message contains variable data that is displayed as the result of the G (Terminal Status Query) operator command, giving the status of the terminals (devices) in the network. The optional terminal names of the active, inactive, quiesced, ready, or stopped terminals are terminal_names. The number of active, inactive, quiesced, ready, or stopped terminals is number.

System action: Processing continues.

User response: None.

ITP140I-ITP143I

Explanation: These messages contain variable data that is displayed as the result of the Q (Query) operator command. Refer to the section on displaying the status of network resources in WSim User’s Guide for the output displayed.

System action: Processing continues.

User response: See the previous reference and take action accordingly.

ITP146I  RPL ERROR DETECTED - RPL ADDRESS = address - (RPL INVALID ACB NOT OPEN) - DUMP WSim CONTROL BLOCKS

Explanation: VTAM rejects the request parameter list (RPL) at the indicated address as being invalid.

System action: None.

User response: Dump the WSim control blocks and contact your WSim support representative.

ITP148I  E COMMAND ACCEPTED

Explanation: An E (Restart Message Logging) operator command was entered and accepted.

System action: For MVS, if message logging is active, a FEOV (Force End of Volume), the normal volume change operation, is started. If message logging stops due to errors, the message log data set is closed and reopened to restart message logging.

User response: None.

ITP151I  CONSOLE RECOVERY ENTERED

Explanation: The F (Console Recovery) operator command is entered.

System action: Console recovery mode is now active and console recovery subcommands can be entered.

User response: Enter the appropriate subcommands as necessary. The subcommand X stops console recovery mode.

ITP159I-ITP162I

Explanation: These messages contain variable data that is displayed as the result of the Q (Query) operator command. For more information about displaying the status of network resources, refer to WSim User’s Guide.

System action: Processing continues.

User response: See the previous reference and take action accordingly.

ITP171I  CURRENT STATE OF RESOURCE INHIBITS ENTRY INTO CONSOLE RECOVERY MODE

Explanation: The simulated resource cannot enter console recovery mode now because of its operational state.

System action: Console recovery mode is not entered.

User response: Try to enter console recovery mode for the resource later.

ITP172I  PATH NOT ALTERED, STORAGE NOT AVAILABLE

Explanation: No storage was available when attempting to alter a PATH.

System action: The PATH remains unchanged.

User response: This might be a temporary condition, in which case you can try the command again. If that does not work, run WSim with a larger region size.

ITP173I  MESSAGE DECK TO BE USED FOR ATR NOT FOUND

Explanation: The ATRDECK specified on the A (Alter) operator command cannot be found.

System action: The system ignores the command.

User response: That message generation deck might be previously deleted. If so, reinstate it using the A (Alter) operator command with the R=dbname operand.
ITP181I EXTENDED ADDRESSING CANNOT BE USED WITH THE VERSION OF VTAM THAT IS ACTIVE

Explanation: The WSim Display Monitor Facility or a network with a VTAM application (VTAMAPPL or APPCLU) was started under WSim, which was installed to execute in 31-bit addressing mode. The currently active version of VTAM cannot be used with applications executing in 31-bit addressing mode. VTAM Version 3 or later is required for applications using extended addressing.

System action: The Display Monitor Facility or VTAM applications (VTAMAPPLs or APPCLUs) are stopped. Other resources in the network are not affected.

User response: Use a WSim installed to execute in 24-bit addressing mode when running the Display Monitor Facility or networks with VTAM applications.

ITP182I (variable data)

Explanation: This message contains data that is specified in a write-to-operator command that is issued from a user exit.

System action: Processing continues.

User response: None.

ITP183I U COMMAND ACCEPTED

Explanation: A U (Transmit Unsolicited Request/Response Unit (RU)) operator command was entered.

System action: The system processes the command and sends the unsolicited data to the host.

User response: None.

ITP184I MESSAGE DECK REFERENCED NOT FOUND

Explanation: The message generation deck that is referenced in the U (Transmit Unsolicited Request/Response Unit (RU)) operator command was not found.

System action: The system ignores the command.

User response: If the deck is previously deleted, it must be reinstated before being used in this command.

ITP185I LABEL REFERENCED NOT FOUND

Explanation: The label that is referenced in the U (Transmit Unsolicited Request/Response Unit (RU)) operator command is not found in the specified deck.

System action: The system ignores the command.

User response: Enter the command again with a valid label.

ITP186I STATEMENT REFERENCED NOT A TEXT STATEMENT

Explanation: The statement that is specified by the deck and label in a U (Transmit Unsolicited Request/Response Unit (RU)) operator command is not a TEXT statement.

System action: The system ignores the command.

User response: Change the command to reference a TEXT statement and enter it again.

ITP189I WSim OPERATOR COMMAND QUEUE CLEARED

Explanation: An MVS operator STOP command for WSim is entered, and there are operator commands waiting to be executed.

System action: The queued commands are cleared and not executed.

User response: None.

ITP190I variable_data

Explanation: This message is received eight times after executing the W (RSTATS Query) operator command. The output of all eight ITP190I messages is as follows:

RESPONSE TIME STATISTICS FOR rname[-sessno] AT hh:mm:ss.th

<table>
<thead>
<tr>
<th></th>
<th>Process System</th>
<th>Process Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVERAGE</td>
<td>time1</td>
<td>time2</td>
</tr>
<tr>
<td>MOST RECENT</td>
<td>time3</td>
<td>time4</td>
</tr>
<tr>
<td>LOW</td>
<td>time5</td>
<td>time6</td>
</tr>
<tr>
<td>HIGH</td>
<td>time7</td>
<td>time8</td>
</tr>
<tr>
<td>TOTAL RESPONSES</td>
<td>count1</td>
<td>count2</td>
</tr>
</tbody>
</table>

For more information about the meanings of the variables time1 to time8 and count1 and count2, refer to Creating WSim Scripts.

System action: None.

User response: None.

ITP191I NETWORK USER EXIT NOT DEFINED

Explanation: The name that is specified on the $ (User Exit) operator command is invalid because a UCMDEXIT or NETEXIT operand was not coded on the NTWRK statement.

System action: The system ignores the command.

User response: Code a UCMDEXIT or NETEXIT operand on the NTWRK statement.
ITP200I  DISPLAY MONITOR FACILITY ACTIVE USING APPL applid
Explanation: The Display Monitor Facility is active using APPLID applid.
System action: Any M (Display Monitor Facility) operator command and logons from monitor displays to the APPLID applid indicated is accepted.
User response: None.

ITP201I  DISPLAY MONITOR FACILITY IS CLOSED DOWN
Explanation: The Display Monitor Facility is no longer active.
System action: None.
User response: None.

ITP202I  DISPLAY MONITOR FACILITY NOT ACTIVE
Explanation: An M (Display Monitor Facility) operator command was entered, but the Display Monitor Facility is not active.
System action: The system ignores the M (Display Monitor Facility) operator command.
User response: To use the Display Monitor Facility, start WSim using the DMAPPL parameter. This initiates display monitor facility activation.

ITP203I  DISPLAY MONITOR ALREADY ACTIVE FOR DEVICE
Explanation: An M (Display Monitor Facility) operator command was entered to start monitoring a simulated device, but the simulated device is already being monitored. The monitoring might be previously started either by using an M (Display Monitor Facility) operator command or from a monitor display logged on to the Display Monitor Facility.
System action: The system ignores the M (Display Monitor Facility) operator command.
User response: Make sure the resource name that is specified on the M (Display Monitor Facility) operator command is correct.

ITP204I  DISPLAY MONITOR NOT ACTIVE FOR DEVICE
Explanation: An M (Display Monitor Facility) operator command was entered to stop monitoring a simulated device, but the simulated device is not being monitored. The monitoring might be previously stopped either by using anM (Display Monitor Facility) operator command or from a monitor display logged on to the Display Monitor Facility.
System action: The system ignores the M (Display Monitor Facility) operator command.
User response: Make sure the resource name that is specified on the M (Display Monitor Facility) operator command is correct.

ITP205I  DISPLAY MONITOR ACTIVATION PENDING FOR DEVICE
Explanation: An M (Display Monitor Facility) operator command is entered to start or stop monitoring a simulated device, but the previously started activation is not completed.
System action: The system ignores the M (Display Monitor Facility) operator command.
User response: Wait for message ITP207I, and enter the M (Display Monitor Facility) operator command again.

ITP206I  M COMMAND ACCEPTED
Explanation: An M (Display Monitor Facility) operator command is entered to start or stop monitoring a simulated device.
System action: The Display Monitor Facility performs the action that is requested by the M (Display Monitor Facility) operator command.
User response: None.

ITP207I  DISPLAY MONITOR SESSION {STARTED ENDED} WITH VTAM RESOURCE rname [additional information]
Explanation: A Display Monitor Facility session is either started or ended with the VTAM resource rname indicated. The message contains additional information if the Display Monitor Facility session ended abnormally.
System action: None.
User response: None.

ITP208I  [OPEN CLOSE] ACB FAILED FOR DISPLAY MONITOR FACILITY - RETURN CODE=xx ERROR FIELD=yy - error_description
Explanation: A VTAM open or close ACB failure occurred during the activation or deactivation of the Display Monitor Facility. The message contains the return code from the open or close (xx), the error field from the ACB (yy), and a description of the error condition (error-description). For more information about the meanings of xx and yy, refer to ACF/VTAM Programming for an explanation of the OPEN macro.
System action: None.
User response: When applicable, change the DMAPPL parameter or the VTAM APPL definition as required to correct the failure.

**ITP209I** VTAM SETLOGON REQUEST FAILED FOR DISPLAY MONITOR FACILITY

Explanation: A VTAM SETLOGON request failure occurred during activation of the Display Monitor Facility.

System action: None.

User response: Take a dump of the WSim control blocks and contact your WSim support representative.

**ITP210I** VTAM SHUTDOWN SIGNALED FOR DISPLAY MONITOR FACILITY

Explanation: VTAM shutdown is signaled for the Display Monitor Facility with the TPEND exit routine.

System action: All Display Monitor Facility sessions end.

User response: None.

**ITP211I** UNABLE TO ESTABLISH DISPLAY MONITOR SESSION WITH VTAM RESOURCE rname

Explanation: An M (Display Monitor Facility) operator command is entered to start monitoring a simulated device, but the Display Monitor Facility is unable to establish the session with the indicated VTAM resource rname. Another message follows to provide additional information.

System action: None.

User response: Analyze the message that follows and change the M (Display Monitor Facility) operator command as required.

**ITP212I** NOTIFY RU RECEIVED BY NS EXIT - SENSE= ssssssss

Explanation: The Display Monitor Facility receives a SNA NOTIFY RU message while trying to establish a session with a monitor display. The SNA sense code from the NOTIFY RU is ssssssss.

System action: The Display Monitor Facility session initiation stops.

User response: Analyze the SNA sense code and change the M (Display Monitor Facility) operator command as required.

**ITP213I** VTAM command REQUEST COMPLETION ERROR - RTNCD=xx FDBK2=yy SENSE= sssssss - explanation

Explanation: The indicated VTAM request command has completed with an error. The message contains the fields from the RPL and an explanation of the codes. For more information about return codes and sense fields for RPL based macro instruction, refer to ACF/VTAM Programming.

System action: None.

User response: Analyze the SNA sense code and change your Display Monitor Facility operation as required.

**ITP214I** STORAGE NOT AVAILABLE FOR DISPLAY MONITOR FACILITY

Explanation: The Display Monitor Facility could not obtain the storage necessary to run.

System action: The Display Monitor Facility is shut down.

User response: Execute WSim in a larger region.

**ITP215I** ERROR ON DISPLAY MONITOR SESSION WITH VTAM RESOURCE rname

Explanation: An error occurred while communicating with a monitor display. Another message follows to provide additional information.

System action: The Display Monitor Facility session ends.

User response: Analyze the message that follows and change the M (Display Monitor Facility) operator command as required.

**ITP216I** SOURCE=BLOCKS SET FOR DISPLAY MONITOR SESSION WITH VTAM RESOURCE rname - MONITOR DATA REJECTED

Explanation: A Display Monitor Facility session is established with a monitor display using the SOURCE=DATA option. The monitor display rejects the data received because of an incompatibility between the monitor display and the simulated display being monitored. SOURCE=BLOCKS is set to try to avoid this incompatibility.

System action: None.

User response: None.
**ITP217I**

**THE FOLLOWING SIMULATED DEVICES ARE CURRENTLY BEING MONITORED:** simulated_device_names

**THERE ARE NO SIMULATED DEVICES CURRENTLY BEING MONITORED**

**Explanation:** This message contains variable data that is displayed as the result of entering an M (Display Monitor Facility) operator command without parameters. The messages list the names of the simulated devices currently being monitored using the Display Monitor Facility.

**System action:** None.

**User response:** None.

**ITP221I**

**TCP/IP STOPPED DUE TO UNEXPECTED SEVER**

**Explanation:** TCP/IP severed the IUCV connection to the local TCP/IP virtual machine. There are many reasons why a sever can occur.

**System action:** WSim issues an IUCV SEVER to bring down its side of the IUCV connection.

**User response:** Restart the TCP/IP connection and see whether the problem continues. If it does, see your system administrator and determine the allowable number of IUCV connections for TCP/IP.

**ITP222I**

**AN APPC LU CANNOT BE DEFINED WITH THE VERSION OF VTAM THAT IS ACTIVE**

**Explanation:** An APPC LU was defined in the WSim network, but the currently active version of VTAM does not support LU 6.2. VTAM support of LU 6.2 is required to run simulations involving APPC LUs.

**System action:** The WSim VTAM application that is associated with the APPC LU is stopped. Other resources in the network are not affected.

**User response:** Either remove the APPC LU definition from the WSim network definition, or upgrade the VTAM installation to a level that supports LU 6.2. VTAM Version 3 Release 2 or later is a prerequisite for running WSim simulations that use APPC LUs.

**ITP223I**

**INSTANCE NUMBER insno INVALID**

**Explanation:** An Alter or Query operator command is entered, but the instance number insno specified with the TP name contains invalid data or cannot be found.

**System action:** The system ignores the command.

**User response:** If the instance number is incorrectly specified, enter the command again with the correct specification.
closed, and processing continues.

**User response:** Either change the APPC LU definition to reference a VTAM application that has APPC=YES specified, or add APPC=YES to the VTAM APPL definition for the referenced VTAM application. The VTAM APPL definition is in the VTAMLST definition file.

### WSim/ISPF Interface messages (350 - 399)

This section describes the error messages written to your display when you start the WSim/ISPF Interface.

---

**ITP350I** This application can be run under an ISPF environment only.

**Explanation:** You tried to run the WSim/ISPF Interface when ISPF is either not installed or not available.

**System action:** The application stops.

**User response:** Start the WSim/ISPF Interface after ISPF is initialized.

---

**ITP351I** Error accessing the ITP0PRIE exec.

**Explanation:** An error occurs while trying to access the ITP0PRIE exec. This might occur for any of the following reasons:

1. The WSim/ISPF Interface is not properly installed. Specifically, the ITP0PRIE exec is not concatenated to the SYSEXEC or SYSPROC DD statement in your TSO logon procedure properly.
2. The directory for the user profile data set is full.

**System action:** The application stops.

**User response:** Ensure that the WSim/ISPF Interface is installed correctly. Refer to WSim User’s Guide for more information. If the user profile directory is full, free space in it.

---

**ITP352I** Invalid execution parameter specified.

**Explanation:** An invalid execution parameter is specified to the exec ITP0MAIN.

**System action:** The application stops.

**User response:** The syntax is ITP0MAIN prefix (PROFILE DEBUG, where prefix is the installation qualifiers that are used to define the defaults data set. See your system programmer for this name. Refer to WSim User’s Guide for more information. Also, ensure that the DEBUG and PROFILE execution parameters are spelled correctly. These parameters might be specified in either order.

---

**ITP353I** This application must be run in a TSO/E address space.

**Explanation:** You try to run the WSim/ISPF Interface in a non-TSO/E address space. The WSim/ISPF Interface requires several TSO/E functions, commands, and services that are not available in a non-TSO/E address space.

**System action:** The application stops.

**User response:** Start the WSim/ISPF Interface from within a TSO/E address space. For more information about how to start an exec from within a TSO/E address space, refer to TSO/E Extensions REXX Reference.

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**ITP354I** Attention Key pressed. Processing stopped.

**Explanation:** The attention key is pressed, resulting in the WSim/ISPF Interface application ending.

**System action:** The application stops.

**User response:** None.

---

**ITP355I** The exec ITP0PRIE cannot run. Run ITP0MAIN instead.

**Explanation:** You try to run the exec ITP0PRIE. This exec cannot be run by itself. To run the WSim/ISPF Interface, run the exec ITP0MAIN.

**System action:** The application stops.

**User response:** Run the exec ITP0MAIN.

---

**ITP356I** Error reading the system defaults data set.

**Explanation:** The system defaults data set is not in the correct format. The data set is manually edited incorrectly.

**System action:** The application stops.

**User response:** Create the system defaults data set using the exec ITP0INST and do not manually edit it. Then run the ITP0MAIN exec again.
This section describes the informational and message trace messages that are written on the WSim log tape during WSim simulation runs.

**ITP401I** MAXIMUM CALL LEVEL EXCEEDED ON STMT# snum OF DECK dname

**Explanation:** This message trace record indicates that a CALL statement is not executed because the call level exceeded the MAXCALL operand that was coded. The statement number of the CALL statement is `snum`, and the name of the deck that contains the statement is `dname`.

**System action:** The CALL statement is not executed.

**User response:** The MAXCALL operand can contain a value up to 255. If the MAXCALL operand was not coded, the default value is 5. Examine your WSim script for possible CALL statements without corresponding RETURN statements. If a BRANCH statement is used instead of a RETURN in a called routine, unexpected CALL-nesting can occur.

**ITP402I** INVALID RETURN ISSUED ON STMT# snum OF DECK dname

**Explanation:** This message trace record indicates that a RETURN is issued but not taken because there are no outstanding calls.

**System action:** The return is not taken.

**User response:** Either this RETURN or another RETURN is in error. Remove the erroneous RETURN from the network definition deck.

**ITP403I** FIELD PROTECTED, DATA IGNORED - ROW row COL col data

**Explanation:** WSim message generation attempts to enter data into a protected field for LU2. The current cursor position is `row` and `col`. The `data` is either the message part (up to 20 bytes) that is generated or the message ERASE TO EOF, which indicates that the EREOF statement is processed.

**System action:** The data is ignored and message generation continues.

**User response:** Run the simulation again with the ROW and COL operands of the CURSOR statement representing an unprotected field.

**ITP404I** BUFFER OVERRUN

**Explanation:** WSim message generation attempts to enter more data into a device buffer than the buffer can hold.

**System action:** The message is truncated to the size of the device buffer. This message appears on the log before the truncated message.

**User response:** Increase the buffer size.

**ITP405I** INBOUND MESSAGE TRUNCATED

**Explanation:** A message that is received by WSim is too large for the terminal buffer that is defined by the BUFSIZE operand.

**System action:** The message is truncated to the actual buffer size. This message appears on the log before the truncated message.

**User response:** If possible, increase the BUFSIZE operand for this terminal. Remember that the default value is small. Refer to WSim Script Guide and Reference for more information about the BUFSIZE operand.

**ITP406I** RECALL area DOES NOT EXIST

**Explanation:** A RECALL data field option in a message generation deck statement data field specified a save area or user area that does not exist for the device. The `area` is either SAVEAREA or USERAREA, followed by the area number.

**System action:** The option is ignored.

**User response:** Change the RECALL data field option to reference an existing save area or user area, or create an area to match the one referenced.

**ITP407I** RECALL SAVEAREA area CONTAINS NO DATA

**Explanation:** A RECALL data field option in a message generation deck statement data field specified a save area (area) that is cleared or in which no data is saved.

**System action:** The option is ignored.

**User response:** To use SAVEAREA `area`, store data in it with the DATASAVE statement.

**ITP408I** DATASAVE area DOES NOT EXIST

**Explanation:** Either a DATASAVE statement or a DATASAVE operand on an IF statement specified a save area or user area that does not exist for the device. The `area` is either SAVEAREA or USERAREA, followed by the area number.

**System action:** No data is saved.

**User response:** To use the `area`, you must first create it.
If you do not want to use the area, specify another area that exists.

**ITP409I**  
**DATASAVE LOC BEYOND DATA, NO DATA SAVED IN area**  
**Explanation:** A DATASAVE statement or a DATASAVE operand on an IF statement specified an invalid starting save area or user area location. The area is either SAVEAREA or USERAREA, followed by the area number. One of the following conditions caused this message:

1. LOC= is specified on the DATASAVE statement and the logic test pointer is not set by an IF statement.
2. A specified data stream offset (B±n, C±n, D+n, TH+n, RH+n, or RU+n) is outside the boundaries of the available data.

**System action:** No data is saved and the save area or user area is not altered.

**User response:** Choose one of the following responses depending on the error condition:

1. Change * to some valid location or code a logic test that sets the pointer to a valid location.
2. Correct the data stream offset to be a valid starting location.

**ITP410I**  
**DATASAVE LENGTH ERROR, DATA MAY BE TRUNCATED IN area**  
**Explanation:** A DATASAVE statement or a DATASAVE operand on an IF statement specified a length that is longer than the specified save area or longer than the available length in the specified user area. The area is either SAVEAREA or USERAREA, followed by the area number.

**System action:** The saved data is truncated to the shorter length, if necessary.

**User response:** Increase the length of the area, or use another area that is long enough to save the data.

**ITP411I**  
**INVALID SEGMENT SEQUENCE RECEIVED**  
**Explanation:** One of the following errors occurred:

1. WSim receives two first segment frames for the same SNA logical unit without receiving an intervening last segment frame.
2. WSim receives a middle or last segment frame for a station without receiving a first segment frame.

For all SNA terminals, segments are assembled on a session level.

**System action:** For the first error, incomplete RUs are ignored. For the second error, incorrect segments are ignored.

**User response:** Send the data again.

**ITP412I**  
**DATA IGNORED DUE TO STATE OF LU7**  
**Explanation:** WSim message generation attempts to enter data into a field for an LU7, but the state of the LU7 is invalid for message generation.

**System action:** The data is flushed.

**User response:** Check the state of the LU7.

**ITP413I**  
**STORAGE UNAVAILABLE FOR OPCMND EXECUTION**  
**Explanation:** An OPCMND statement is encountered in the message generation deck, but no storage is available to schedule the command for execution.

**System action:** The command is ignored.

**User response:** Run WSim again using a larger region.

**ITP416I**  
**RANDOM NUMBER RANGE IS INVALID**  
**Explanation:** The random number range that is specified on the RNUM data field option, LENG operand on the TEXT statement, or TIME operand on the WAIT or DELAY statement is invalid.

**System action:** For the RNUM data field option, a null value is returned for the result. For the LENG operand on the TEXT statement the operand is ignored if the random number is 0. If the random number is greater than 32767, then the value is used according to the BUFSIZE specified. For the TIME operand on the WAIT or DELAY statement, the statement functions as if TIME=0 was specified.

**User response:** For the RNUM data field option and the TIME operand on the WAIT or DELAY statement, the low and high values must be 0–2147483647 where the low value is less than the high value. For the LENG operand on the TEXT statement, the low and high values must be 1–32767 where the low value is less than the high value.

**ITP417I**  
**UNUSUAL COMPLETION OF VTAM command REQUEST - RTNCD=xx FDBK2=yy SENSE=zzzzzzz - explanation**  
**Explanation:** An RPL-based request completes unusually. Fields from the RPL and an explanation of the codes are provided. For more information about return codes and sense fields for RPL-based macro instructions, refer to ACF/VTAM Programming.

**System action:** None.

**User response:** Determine whether the logical unit half-session is operating correctly. Exception responses
and other similar conditions are normal in some situations.

***ITP418I***  
**ON EVENT** `eventname (dname,snum)`  
**ACTION EXECUTED:** `action`  

**Explanation:** This message trace record shows the name (`eventname`) of the ON statement, gives its location in the message generation deck, and tells what action was taken (`action`). For more information about the action, see message ITP427I. The ON statement is at the statement number `snum` in the message generation deck `dname`.

**System action:** Processing continues.  
**User response:** None.

***ITP419I***  
**INVALID TH/RH FOR ADDRESSED STATION**  

**Explanation:** One of the following errors occurred:

1. The transmission header (TH) is too short for the addressed station.
2. The format identifier is not correct for the specified physical unit type.
3. The TH indicates that a request/response header (RH) must be present and the data received is too short to include an RH.

**System action:** The data is discarded.  
**User response:** Investigate the reason for the invalid TH or RH.

***ITP420I***  
**LU7 DATA TRUNCATED DUE TO AUTO ENTER FIELD**  

**Explanation:** A message being placed into an auto enter field on an LU7 filled the field, causing an automatic enter function.

**System action:** All data following the last character entered on this TEXT statement is ignored and processing continues.  
**User response:** None.

***ITP421I***  
**logic test (dname,snum) NOT EVALUATED - NO SPECIFICATION MATCH**  

**Explanation:** This message trace record indicates that the logic test from the statement number `snum` of message generation deck `dname` is not evaluated for one of the following reasons:

1. The data being processed is an SNA response, and the LOC operand on the logic test does not specify a LOC option that tests SNA responses.
2. The LOC or CURSOR operand specifying a row and column is coded, but the row and column specifies an invalid position for the display.
3. The CURSOR operand or the LOC operand specifying a row and column is coded, but the device is not a display.
4. SNASCOPE operand specification inhibits logic test on this message.

**System action:** The logic test is not evaluated.  
**User response:** Choose one of the following responses, depending on the reason:

1. To test SNA data, code a LOC option that tests a SNA response or use the SNASCOPE operand.
2. Specify a row and column value within the limits of the display.
3. Use an option that does not refer to a position on a screen image.
4. Correct the SNASCOPE specification if necessary.

***ITP422I***  
**logic test (dname,snum) NOT EVALUATED - USERAREA NOT FOUND**  

**Explanation:** This message trace record indicates that the specified logic test is to test data in the user area of either the LOC or AREA operand, but the user area is not coded for the terminal or device. The specified logic test is found in message generation deck `dname` at statement `snum`.

**System action:** The logic test is not evaluated.  
**User response:** Either code the specified user area or specify another user area that is previously defined.

***ITP423I***  
**logic test (dname,snum) NOT EVALUATED - START OF TEST NOT WITHIN DATA**  

**Explanation:** This message trace record indicates that the end of the data to be tested by the specified logic test is specified with a null TEXT operand or is not within the data stream, buffer, or user area. The specified logic test is found in message generation deck `dname` at statement `snum`.

**System action:** The test is not evaluated.  
**User response:** Specify a location that is within the data to be used.

***ITP424I***  
**logic test (dname,snum) NOT EVALUATED - END OF TEST NOT WITHIN DATA**  

**Explanation:** This message trace record indicates that the end of the data to be tested by the specified logic test is specified with a null TEXT operand or is not within the data stream, buffer, or user area. The specified logic test is found in message generation deck `dname` at statement `snum`.

**System action:** The logic test is not evaluated.  
**User response:** None.
**ITP425I • ITP429I**

**ITP425I  logic test (dname,snum) MET - ANOTHER ACTION PREVIOUSLY TAKEN**

**Explanation:** This message trace record indicates that the specified logic test is evaluated and the test condition is met, but an action is taken as a result of a previously evaluated logic test. The specified logic test is found in message generation deck dname at statement snum.

**System action:** No action is taken because one of the following actions is taken: B (branch), C (call), CONT (continue), RETURN, RELEASE, QUIESCE, WAIT, or IGNORE.

**User response:** None.

**ITP426I  logic test (dname,snum) MET - THEN ACTION NOT CODED**

**Explanation:** This message trace record indicates that the specified logic test is evaluated and the test condition is met, but no THEN action is coded. The specified logic test is found in message generation deck dname at statement snum.

**System action:** No action is taken because the THEN action was not coded.

**User response:** Code an appropriate THEN action for the IF statement if needed.

**ITP427I  logic test (dname,snum) MET - THEN ACTION TAKEN: action**

**Explanation:** This message trace record indicates that the specified logic test is evaluated, the specified test condition is met, and the action specified by the THEN operand is taken. The specified logic test is found in message generation deck dname at statement snum. The action contains information about the action taken. It can be any of the following ones:

- BRANCH FROM snum OF dname TO [label AT snum] | THE BEGINNING] OF dname
- CALL FROM snum OF dname TO [label AT snum] | THE BEGINNING] OF dname
- RETURN FROM snum OF dname TO THE STMT AT snum OF dname
- EXECUTED dname FROM [THE BEGINNING | label AT snum]
- ABORTED dname AT STMT# snum AND STARTED dname
- CONTINUE (RESET WAIT)
- WAIT INDICATOR SET
- QUIESCE DEVICE
- RELEASE DEVICE
- WAITING ON EVENT
- IGNORE
- SET DEV SWITCH XX ON
- SET DEV SWITCHES ON
- SET DEV SWITCHES OFF
- SET TERM SWITCH XX ON
- SET TERM SWITCH XX OFF
- SET TERM SWITCHES ON
- SET TERM SWITCHES OFF
- SET NTWRK SWITCH XX ON
- SET NTWRK SWITCH XX OFF
- SET NTWRK SWITCHES ON
- SET NTWRK SWITCHES OFF
- EVENT ename POSTED
- EVENT ename QSIGNALED
- EVENT ename SIGNALED
- EVENT ename RESET
- MAX CALL LEVEL EXCEEDED
- INVALID RETURN ISSUED
- VERIFY
- ABORTED dname AT STMT# snum AND TERMINATED THE TP
- OUTSTANDING DELAY CANCELED

**System action:** The THEN action is taken.

**User response:** None.

**ITP428I  logic test (dname,snum) NOT MET - ANOTHER ACTION PREVIOUSLY TAKEN**

**Explanation:** This message trace record indicates that the specified logic test is evaluated, the condition is not met, and a previous logic test caused some action to be taken. The specified logic test is found in message generation deck dname at statement snum.

**System action:** The ELSE action is not taken because another action was previously taken.

**User response:** None.

**ITP429I  logic test (dname,snum) NOT MET - ELSE ACTION NOT CODED**

**Explanation:** This message trace record indicates that the specified logic test is evaluated, the specified condition is not met, and the ELSE operand is not coded. The specified logic test is found in message generation deck dname at statement snum.

**System action:** No action is taken because the ELSE operand was not coded.

**User response:** If some action must be taken as a result of not meeting the condition, code an ELSE action.
ITP430I  logic test (dname,snun) NOT MET - ELSE
ACTION TAKEN: action

Explanation: This message trace record indicates that the specified logic test was evaluated, the condition was not met, and the ELSE action was taken. For more detailed information about the action, see message ITP427I. The specified logic test is found in message generation deck dname at statement snun.

System action: The ELSE action is taken.

User response: None.

ITP431I  logic test (dname,snun) NOT EVALUATED - TYPE MISMATCH

Explanation: This message trace record indicates that the specified logic test is not evaluated because the terminal type specified by the TYPE operand does not match the type of device or LU being processed. The specified logic test is found in message generation deck dname at statement snun.

System action: The logic test is not evaluated and processing continues.

User response: To evaluate the logic test for this type of terminal, specify the correct terminal for the TYPE operand.

ITP432I  (logic test | ON EVENT eventname) (dname snum) EXECUTE ACTION ENDED AT snum OF dname

Explanation: This message trace record indicates that the execute action for the indicated logic test completes or the execute action for the indicated ON EVENT action completes. The specified logic test or ON statement is found in message generation deck dname at statement snum.

System action: Processing continues.

User response: None.

ITP433I  RECALL (OFFSET | LENGTH | ROWCOL) ERROR, NO DATA RETRIEVED FROM area

Explanation: A RECALL data field option in a message deck statement data field specified an offset into a save area or user area that exceeds the length of the area, or a length of 0 or greater than 32767 is specified. The area is either SAVEAREA or USERAREA, followed by the area number, or any of the following ones:
- BUFFER
- CURSOR OFFSET
- DATA STREAM
- TH
- RH
- RU.

System action: The option is ignored.

User response: If the correct area is used, specify a valid offset. If not, use the correct area.

ITP434I  DATASAVE (OFFSET | LENGTH | ROWCOL) ERROR, NO DATA SAVED IN area

Explanation: A DATASAVE statement or DATASAVE operand on an IF statement specifies one of the following values:
- An offset into a save area or user area that exceeds the length of the area
- A length that is specified on the LENG operand equal to 0 or greater than 32767.
- A row or column equal to 0 or greater than the number of rows or columns on the screen.

The area is either SAVEAREA or USERAREA, followed by the area number.

System action: No data is saved.

User response: If the correct area is used, specify a valid offset. If not, use the correct area.

ITP435I  ARITHMETIC CALCULATION OPERATION NOT EXECUTED

Explanation: One of the following problems is detected during an arithmetic operation specified by a CALC statement:
1. The specified user area or save area does not exist.
2. The location or location plus the offset is either outside the boundaries of the specified area or is beyond the end of the data saved in the save area.
3. Non-numeric data is found in the specified area where an addition or subtraction calculation was to be made.

System action: The CALC operation is not executed.

User response: Choose one of the following responses, depending on the problem:
1. Specify a defined area or define a new area to match the one used.
2. Specify a valid offset or, if the wrong area was used, use the correct one.
3. Use only numeric characters for addition and subtraction.

ITP436I  CALC area DOES NOT EXIST

Explanation: A CALC statement specified a save area or user area that does not exist for the device. The area is either SAVEAREA or USERAREA, followed by the area number.

System action: The CALC operation is not performed.

User response: Define the save area or user area.
number using the USERAREA or SAVEAREA operand, or use an area that is already defined.

**ITP437I**  
**reason, CURSOR NOT MOVED**

**Explanation:** The **reason** can be one of the following reasons:

**CURSOR POSITION INVALID, location**

The **location** can be either a row and column or an offset (onum) location. A CURSOR statement contains a location that is invalid for the device.

**NO VIEWPORT DEFINED AT OFFSET location**

The **location** can be either a row and column or an offset (onum) location. A CURSOR statement specifies a location that is not within a defined viewport for a device in partitioned state.

**CURSOR MOVEMENT INVALID, direction value**

The direction can be UP, DOWN, LEFT, or RIGHT, and value is the number of positions that is specified for the cursor to be moved in that direction. In this case, the value is in a counter and the counter-value is 0 or greater than 255.

**System action:** The cursor remains at its current location.

**User response:** Specify a valid location for the device.

**ITP438I**  
**LOG [OFFSET|LENGTH] ERROR, NO DATA LOGGED FROM area**

**Explanation:** A LOG statement specified an offset into a save area or user area that exceeds the length of the area or a length of 0. The **area** is either SAVEAREA or USERAREA, followed by the area number.

**System action:** No data is logged.

**User response:** If the correct area is used, specify a valid offset. If not, use the correct area.

**ITP439I**  
**LOG area DOES NOT EXIST**

**Explanation:** A LOG statement specified a save area or user area that does not exist for the device. The **area** is either SAVEAREA or USERAREA, followed by the area number.

**System action:** No data is logged.

**User response:** Define the area number using the SAVEAREA or USERAREA operand, or use another area that is already defined.

**ITP440I**  
**SPACE NOT AVAILABLE name NOT LOGGED**

**Explanation:** The named WSIm data area or control block cannot be logged by a LOG statement because buffer storage is unavailable. The name of the data area or control block is **name**.

**System action:** The data area or control block is not logged.

**User response:** None.

**ITP441I**  
**display_function STATEMENT IGNORED, reason**

**Explanation:** The **display_function** can be any of the following ones:

- CHARSET
- CLEARPTN
- COLOR
- HIGHLITE
- JUMP
- SCROLL

The **reason** can be one of the following reasons:

**SUPPORT NOT SPECIFIED FOR DEVICE**

The device is not defined with the support required to perform the CHARSET, CLEARPTN, COLOR, HIGHLITE, JUMP, or SCROLL statement.

**APL NOT ALTERNATE CHARACTER SET**

The CHARSET statement requested APL as the alternate character set and the APL character set is not supported by the device.

**DUE TO INBOUND REPLY MODE STATE**

The specified function was not enabled for use by the terminal operator.

**xxx CHARACTER SET NOT PRESENT**

The CHARSET statement specified character set **xxx** that was not defined for the device.

**yyy DEFINED AS OUTPUT ONLY**

The CHARSET statement contained the programmed symbols character set **yyy** that was defined as output only.

**yyy NOT LOADED OR INACTIVE**

The CHARSET statement contained the programmed symbols character set **yyy** that was defined as output only.

**NO PARTITIONS DEFINED**

A CLEARPTN, JUMP, or SCROLL statement was executed and no partitions were defined.

**ONLY ONE PARTITION DEFINED**

A JUMP statement was executed with only one partition defined.
PARTITION nnn UNDEFINED
A JUMP statement was executed and partition nnn, referenced by the PID operand, was undefined.

NON-SCROLLABLE PARTITION
A SCROLL statement was executed but the active partition was non-scrollable.

System action: Processing continues.
User response: Do one of the following actions, depending on your situation:
- Ignore the message
- Delete the erroneous statement from your message generation deck
- Change the erroneous network definition statement to provide the required support for the device
- Ensure that your simulation is synchronized with the application you are testing.

ITP443I  TERMINAL/DEVICE PRINT DELAY EXPIRED
Explanation: The simulated print speed time delay expired. This message appears when PRTMSG=YES is specified.
System action: Processing continues.
User response: None.

ITP444I  UNSATISFIED MANDATORY ftype FIELD AT ROW xxx COL yyy
Explanation: An unsatisfied mandatory enter or mandatory fill field was detected during a field validation operation at the row xxx and column yyy of a simulated 8775 (LU2) terminal. The ftype is either ENTER or FILL.
System action: WSim inserts the minimum number of SUB characters to satisfy the requirements of the field.
User response: None.

ITP446I  DATA TRUNCATED DUE TO TRIGGER FIELD
Explanation: A message being placed into a trigger field on a simulated LU2 terminal filled the field and caused automatic transmission of the trigger field data.
System action: All data following the last character entered on this TEXT statement is ignored and processing continues.
User response: None.
ITP451I • ITP460I

ITP451I CALL FROM STMT# snum OF DECK dname TO LABEL label AT snum2 OF DECK dname2

Explanation: This message trace record is logged when a CALL statement occurs, calling from statement number snum of message generation deck dname to the label label. The label label is statement number snum2 of message generation deck dname2.

System action: WSim processing continues.

User response: None.

ITP452I RETURN FROM STMT# snum OF DECK dname TO STMT# snum2 OF DECK dname2

Explanation: This message trace record is logged when there is a return within a message generation deck. This occurs with a RETURN statement or when the ENDTXT of a called message generation deck is reached. In either case, the RETURN is from statement number snum of message generation deck dname to statement number snum2 of message generation deck dname2.

System action: The return is made.

User response: None.

ITP453I MESSAGE GENERATION ENTERED FOR CONSOLE RECOVERY

Explanation: This message trace record is logged when WSim message generation is entered, but is only used for console recovery.

System action: WSim message generation begins.

User response: None.

ITP454I EVENT ename POSTED ON STMT# snum OF DECK dname

Explanation: This message trace record is logged when event ename is posted (using the POST operand of the EVENT statement) in statement number snum of message generation deck dname.

System action: The event is posted.

User response: None.

ITP455I EVENT ename SIGNALED ON STMT# snum OF DECK dname

Explanation: This message trace record is logged when event ename is signaled (using the SIGNAL operand of the EVENT statement) in statement number snum of message generation deck dname.

System action: The event is signaled.

User response: None.

ITP456I EVENT ename RESET ON STMT# snum OF DECK dname

Explanation: This message trace record is logged when event ename is reset (using the RESET operand of the EVENT statement) in statement number snum of message generation deck dname.

System action: The event is reset.

User response: None.

ITP457I MAXIMUM CALL LEVEL EXCEEDED: ATRDECK NOT CALLED FOR AUTOMATIC TERMINAL RECOVERY

Explanation: This message trace record is logged when the call level is exceeded and the specified automatic terminal recovery (ATR) deck cannot be called.

System action: The automatic terminal recovery deck is not called, but other functions of automatic terminal recovery still occur.

User response: Be aware that the ATR deck cannot be called because of the call level.

ITP458I EVENT ename QSIGNALED ON STMT# snum OF DECK dname

Explanation: This message trace record is logged when event ename is signaled (using the QSIGNAL operand of the EVENT statement) in statement number snum of message generation deck dname.

System action: The event is signaled.

User response: None.
ITP461I LOST TERMINAL SIGNALLED FOR SESSION WITH VTAM RESOURCE
    rname - REASON CODE = xx - rc_meaning

Explanation: The session with the indicated VTAM resource rname is lost. xx is the uninterpreted hex value of the reason code returned by VTAM. The rc_meaning can be any of the following ones:

• SESSION HAS BEEN TERMINATED
• CTERM FORCED RECEIVED
• CTERM CONDITIONAL RECEIVED
• DATA LOST, LACK OF BUFFER SPACE

System action: CTERM is passed to the logical unit half-session.

User response: None.

ITP462I CLEAN UP SESSION SIGNALLED FOR SESSION WITH VTAM RESOURCE
    rname

Explanation: The session with the indicated VTAM resource rname is lost.

System action: UNBIND is passed to the logical unit half-session.

User response: None.

ITP463I UNEXPECTED NETWORK SERVICES RU RECEIVED FROM NSEXIT ROUTINE

Explanation: A network services RU that WSim does not process is received.

System action: The RU is logged against the VTAMAPPL.

User response: None.

ITP464I BIND REJECTED: reason

Explanation: The BIND was rejected with a sense code for the reason indicated.

System action: Processing continues.

User response: Change the invalid information in the BIND and run the simulation again.

ITP465I FIELD TOO SHORT FOR DATA TO BE WRITTEN, DATA IGNORED - ROW row, COL col

Explanation: Data input from a STRIPE statement was written in a field too short to hold the data.

System action: The data is ignored and processing continues.

User response: Shorten the data or read it into another field on the screen.

ITP467I WARNING: LU TYPE 0 BIND ACCEPTED

Explanation: An LU type 0 BIND image was accepted for a simulated resource that is not an LU type 0.

System action: Processing continues.

User response: Determine whether the BIND image received from the test application is correct. If not, change the BIND image and run the simulation again.

ITP468I COUNTER NOT SET ON STMT# stmtno OF DECK deckname - reason

Explanation: A SET statement was not executed for one of the following reasons:

SPECIFIED DATA DOES NOT EXIST
    The location that is specified by “loc” on the SET statement does not exist.

NUMERIC VALUE TOO LARGE
    The numeric value of the data specified on a SET cntr=(E,loc,leng) statement is greater than 2147483647.

SPECIFIED DATA IS NON-NUMERIC
    The data specified on a SET cntr=(E,loc,leng) statement contains no numeric values.

DIVISION BY ZERO ATTEMPTED
    A division (or remainder) operation is specified on a SET statement, but the divisor is zero.

NON-DISPLAY DEVICE
    The CROW, CCOL, or COFF option was used, but the device is not a display device; it has no cursor.

COUNTER VALUE IS INVALID OFFSET
    The value of the counter in the loc portion of a SET cntr=(E|X,loc,leng) statement is greater than the valid maximum. The maximum valid value is 32766.

RANDOM NUMBER RANGE IS INVALID
    The random number range specified on the SET statement is invalid. The low and high values must be 0-2147483647, where the low value is less than the high value.

System action: The SET statement is ignored. The counter value is not altered.

User response: Make sure the location that is referenced on the loc operand is the location from which you want to extract data.
ITP469I OUTBOUND MESSAGE TRUNCATED
Explanation: A simulated LU 6.2 generated a message that is too long to transmit without using segmentation and segmentation is not supported.
System action: The message is truncated.
User response: Ensure that the correct BIND image is being used and the correct message is being generated.

ITP470I DATA TRUNCATED, NOT ENOUGH NULLS AVAILABLE FOR COMPLETE DATA INSERTION - ROW rrr COL ccc
Explanation: A simulated 3270 display is in insert mode with more data to insert than there are null characters to be overlaid.
System action: The message is truncated.
User response: Ensure that the data is being inserted into the correct location on the screen.

ITP471I DUP LENGTH ERROR, NO CHARACTERS DUPLICATED
Explanation: A counter value of 0 or greater than 32767 was used as the length specification of a DUP data field option.
System action: The DUP data field option is ignored.
User response: Ensure that the counter used as the length specification contains the wanted number.

ITP472I DATE OFFSET IN EXCESS OF 65535 IGNORED
Explanation: The offset passed to the date function exceeds the allowable maximum of 65535.
System action: An offset of 0 is used.
User response: Specify a number 0 - 65535.

ITP473I NO DATA FOUND FOR LOG BYTE
Explanation: The save area or user area specified for the log byte contains no data or the offset specified is outside the area.
System action: A null character (X'00') is used for the log byte.
User response: Specify a valid area and offset for the log byte.

ITP474I INVALID DATA FOR DBCS FIELD OR DBCS SUBFIELD - ROW row COL col data
Explanation: WSim message generation attempted to enter DBCS or SBCS data into a field where it cannot currently be accepted for a simulated 3270 DBCS display. This might be caused by one of the following reasons:
- Comapct.
- Overwriting of a DBCS dead-byte
- Not enough room for the DBCS subfield
- Magnetic stripe data entered into a DBCS field or DBCS subfield
- DBCS data entered into a field that does not allow DBCS data
- SBCS data entered into a DBCS subfield.
System action: The data is ignored and message generation continues.
User response: Change your WSim script to enter valid DBCS data into the field.

ITP475I INVALID DBCS DATA, SCREEN LOCATION - ROW row COL col
Explanation: WSim message generation attempted to enter invalid DBCS data into a field. This might be caused by one of the following reasons:
- An odd number of bytes between SO and SI characters
- Invalid DBCS-graphic codes.
System action: The data is ignored and message generation continues.
User response: Change your WSim script to enter valid DBCS data into the field.

ITP476I INVALID TEXT DATA FOR FUNCTION
Explanation: A DBCS DATASAVE function was performed and the TEXT=(..) data being processed contains invalid source data for the specific DBCS function.
System action: The DBCS function is not performed and the save area or user area is not altered.
User response: Change your WSim script to reference valid data for the specific DBCS function.

ITP477I socket_call_type SOCKET CALL FAILED WITH ERRNO nnnn
Explanation: A socket call used to control the connection completed with a return code of -1. The ERRNO value can be found in the TCPERRNO H header file. Typically, this indicates network problems.
System action: WSim issues this message, queues a timer delay, and continues operation.
User response: If the problem continues, stop the TCP/IP connection.
ITP478I TCPERRNO nnn - CANNOT CONNECT TO xxx.xxx.xxx.xxx PORT nnn

Explanation: The CONNECT to the destination, xxx.xxx.xxx.xxx PORT nnnn failed. The ERRNO value is defined in the C language TCPERRNO header file or in the IBM® TCP/IP Product Publications. This indicates that the destination address is unavailable or unreachable.

System action: WSim issues this message, queues a timer delay, and continues operation.

User response: Ensure that the destination IP address and port number are correct and alter the SERVADDR and/or PORT values as needed. The TCPERRNO header file is a member of the data set. This data set is called hlq.SEZACMAC, where hlq is the installation-defined high-level qualifier.

ITP479I DATA STREAM COMMAND REJECTED

Explanation: The command code byte of the received data stream is invalid. This indicates that the server device or application generated an invalid message.

System action: WSim logs this message and continues operation.

User response: Although WSim attempts to continue operation, the connection might hang. Stop and restart the device.

ITP480I DATA STREAM OPERATION CHECK

Explanation: The contents of the data stream are invalid. The server device or application generated an invalid message. This might be caused by an invalid screen address, bad data length, or data out of order.

System action: WSim logs this message and continues operation.

User response: Although WSim attempts to continue operation, the connection might hang. Stop and restart the device.

ITP482I UNKNOWN FTP COMMAND: keyword

Explanation: The first non-blank text of a message generated for a simulated FTP device is not a command recognized by the WSim FTP Command Interpreter. The first non-blank text is represented by keyword.

System action: WSim logs this message and directs it to the user, as if received, so that the script can be coded to recognize the error.

User response: This probably indicates a scripting error or the coding of an FTP command that is not supported by WSim. Correct the error and try again.

ITP483I LOCAL FILE NOT FOUND

Explanation: The WSim FILE statement referenced in a PUT or APPEND FTP command is not found in the Network Definition.

System action: WSim logs this message and directs it to the user, as if received, so that the script can be coded to recognize the error.

User response: This probably indicates a scripting error. Correct the name that is specified or add a FILE statement for this name and try again.

ITP484I USAGE OF SITE COMMAND WITH PUT IS new_setting

Explanation: An FTP SENDSITE command is processed and toggled the automatic sending of a SITE command with a PUT or APPEND. The result of the toggle is ON or OFF, as indicated by new_setting.

System action: WSim logs this message and directs it to the user, as if received, so that the script can be coded to recognize the condition.

User response: This is a normal response to the SENDSITE command.

ITP485I USAGE OF PORT COMMAND IS new_setting

Explanation: An FTP SENDPORT command is processed and toggled the automatic sending of a PORT command for each data transfer. The result of the toggle is ON or OFF, as indicated by new_setting.

System action: WSim logs this message and directs it to the user, as if received, so that the script can be coded to recognize the condition.

User response: This is a normal response to the SENDPORT command.
ITP486I FTP COMMAND ABORTED WITH RC: return_code

Explanation: An error response of return_code is received on the command connection for an FTP command being processed. This code was returned by the remote FTP partner.

System action: WSim logs this message as additional information for the user. The user can check the actual data received for the specific error return code, and refer to the FTP documentation for the remote FTP to determine the cause.

User response: Investigate the return code to see whether it represents a real error or an expected error code.

ITP487I USAGE: command_template

Explanation: An invalid format is detected in the operand of the RENAME, MODE, or TYPE FTP command. The proper form of the affected command is indicated by command_template.

System action: WSim logs this message and directs it to the user, as if received, so that the script can be coded to recognize the error.

User response: This is probably a scripting error. Investigate the command that is entered and correct it.

ITP488I STORE UNIQUE IS new_setting

Explanation: An FTP SUNIQUE command is processed and toggled the automatic use of the STOU command (rather than STOR) with the PUT command. The result of the toggle is ON or OFF, as indicated by new_setting.

System action: WSim logs this message and directs it to the user, as if received, so that the script can be coded to recognize the condition.

User response: This is a normal response to the SUNIQUE command.

ITP489I bytes BYTES TRANSFERRED IN seconds SECONDS FOR RATE OF rate KBYTES/SECOND

Explanation: A file transfer completes and WSim issues this message to report the total file size, time of the transfer, and rate of the transfer.

System action: WSim logs this message and directs it to the user, as if received, so that the script can be coded to recognize the condition.

User response: This is a normal response to a successful file transfer.
Loglist Utility console messages (500 - 599)

This section describes the messages that you might encounter when you run the Loglist Utility (ITPLL) to format the log data set.

**ITP051I  ENTER LOGLIST COMMANDS**

**Explanation:** This message indicates that you can now enter Loglist Utility commands at the console.

**System action:** The system waits for a reply from the console.

**User response:** Enter a valid Loglist Utility command at the console.

**ITP052I  OPEN FAILED FOR SYSPRINT DCB**

**Explanation:** The open failed for the SYSPRINT file.

**System action:** Processing stops.

**User response:** Correct the SYSPRINT DD statement and submit the job again.

**ITP053I  INVALID COMMAND ENTERED**

**Explanation:** An invalid command is entered.

**System action:** The system ignores the invalid command and reads the next command.

**User response:** Refer to WSim Utilities Guide for valid Loglist Utility control commands.

**ITP054I  NO MATCH FOUND FOR SPECIFICATIONS**

**Explanation:** The Loglist Utility processes the WSim log data set according to the control command specifications for the Loglist Utility and finds no match in the data set. If only RUN was entered as a specification, there were no records in the log data set.

**System action:** The system prints a report with minimal information.

**User response:** Make sure that valid operands were used in the previously issued commands and that the correct names were used on any VTAMAPPL, TCPIP, TERM, EXTERM, DEV, EXDEV, APPCLU, TP, or EXTP commands. If necessary, change the control command specifications or use another input log data set to get the wanted results.

**ITP055I  NO OPERANDS FOUND WITH COMMAND**

**Explanation:** A Loglist Utility command of the NTWRK, VTAMAPPL, TCPIP, TERM, EXTERM, DEV, EXDEV, TIME, APPCLU, TP, or EXTP statement is entered with no operand following it. Each of these commands requires at least one operand.

**System action:** The system ignores the command and continues processing the next command.

**User response:** Correct the command and enter it again.

**ITP056I  COMMAND NOT ALLOWED AFTER TERM, DEV, TP, EXTERM ETC.**

**Explanation:** The TCPIP, VTAMAPPL, or APPCLU command is invalid because it is the first TCPIP, VTAMAPPL, or APPCLU command for this run and a TERM, DEV, TP, EXTERM, EXDEV, or EXTP command is previously specified.

**System action:** The system ignores the command.

**User response:** Run the Loglist Utility again and specify at least one TCPIP, VTAMAPPL, or APPCLU command before the first TERM, DEV, TP, EXTERM, EXDEV, or EXTP command.

**ITP057I  VTAMAPPL/APPCLU/TCPIP INCORRECT LENGTH**

**Explanation:** One of the following commands is entered:

- A TCPIP command with a name greater than 8 characters.
- A VTAMAPPL or an APPCLU command with a name greater than 8 characters.

**System action:** The system ignores the command and continues processing the next command.

**User response:** Correct the command and enter it again.

**ITP059I  INVALID COMMAND OPERAND LENGTH**

**Explanation:** A NTWRK, TERM, EXTERM, DEV, EXDEV, TP, or EXTP command was entered with an operand longer than the allowable 8 characters.

**System action:** The system ignores the command and continues processing the next command.

**User response:** Correct the command and enter it again.

**ITP101I  OPEN FAILED FOR SYSUT1 DCB**

**Explanation:** The OPEN failed for the message log input data set specified by the SYSUT1 DD statement.
ITP511I • ITP518I

System action: The program ends.
User response: Correct the SYSUT1 DD statement and run the Loglist Utility again.

ITP511I  INVALID TIME SPECIFICATION
Explanation: The previously listed TIME command is invalid.
System action: The system assumes TIME=ALL.
User response: Enter the command again with the operand corrected or continue with TIME=ALL.

ITP512I  MAXIMUM NUMBER OF OPERANDS EXCEEDED
Explanation: More than the 5 allowable operands are entered on an NTWRK command, or more than one operand is entered on a TERM, EXTERM, DEV, EXDEV, TP, or EXTP command.
System action: The system ignores the extra operands.
User response: Continue with the extra operands ignored or enter more NTWRK, TERM, EXTERM, DEV, EXDEV, TP, or EXTP commands as needed to correct the situation.

Note: Subsequent NTWRK commands override previous ones.

ITP513I  STORAGE NOT AVAILABLE
Explanation: A GETMAIN failure occurs while trying to obtain storage for an EXIT input specification or while trying to format loglist display records.
System action: Loglist Utility processing ends or formatting of loglist display records ends.
User response: If the situation continues to occur when you enter the command again, run the Loglist Utility again in a larger region.

ITP514I  DUPLICATE VTAMAPPL/APPCLU/TCPIP
Explanation: The VTAMAPPL, APPCLU, or TCPIP command being processed specifies a VTAM application name, APPC LU name, or TCP/IP connection that is entered for this run.
System action: The system ignores the command.
User response: Enter the VTAMAPPL, APPCLU, or TCPIP command again for another VTAM application, APPC LU, or TCP/IP connection if necessary.

ITP515I  INVALID LU SESSION NUMBER or TP INSTANCE NUMBER
Explanation: The LU session number or TP instance number that is appended to the name on a DEV, TP, EXDEV, TERM, EXTERM, or EXTP command contains one of the following values:
• A nondecimal digit
• Too many digits
• Values outside the allowed range.
This message is also issued if LU session numbers or TP instance numbers do not apply to this type of device.
System action: The system ignores the command and continues processing the next command.
User response: Correct the command and enter it again. The number must be a decimal integer 1 - 99999 and must be applicable for this type of device.

ITP516I  INVALID PARAMETER FIELD ON EXEC CARD
Explanation: An invalid execution parameter is encountered.
System action: The program stops.
User response: Run the Loglist Utility, ITPLL, again with a valid EXEC card. Allowable parameters on the EXEC card are CONSOLE, PRTLNCT=nnn, ROUTCDE=(n,n,...), and TSO. For more information about each of these parameters, refer to WSim Utilities Guide.

ITP517I  LOST DATA IN LAST BLOCK
Explanation: Some blocks of data are missing from the log data set because of message log overruns during a simulation run.
System action: The last record that is listed might be truncated, and many records might be lost.
User response: Because the condition resulted from problems with the simulation run, this condition is unavoidable. Solve the problems with the simulation run to get a valid log data set. Message ITP030I is issued when the simulation is run.

ITP518I  INVALID EXIT SPECIFICATION
Explanation: The exit routine member name that is specified on an EXIT command is longer than 8 characters.
System action: Processing continues without the exit routine.
User response: Enter the command again with a valid exit routine member name.
ITP519I MEMBER NOT FOUND IN LIBRARY

Explanation: The exit routine member name that is specified on an EXIT command cannot be found.
System action: Processing continues without the exit routine.
User response: Enter the command again with a valid exit routine member name.

ITP520I NO COMMANDS SPECIFIED

Explanation: A blank control card is processed.
System action: Processing continues.
User response: Enter a Loglist Utility control command.

ITP521I CLEAR SCREEN WAS LOGGED

Explanation: The 3270 screen image buffer is empty at the end of the message generation process because a CLEAR statement is executed.
System action: The system does not format the display image.
User response: None.

ITP522I INVALID VERIFY ZONE SPECIFICATION

Explanation: A VERIFY control statement is issued with an invalid ZONE operand value.
System action: The system ignores the VERIFY statement.
User response: Check the ZONE operand value for errors. The ZONE specification must consist of two decimal integers that enclosed in parentheses and separated by a comma. Each of the integers must be 1 - 50 and their sum must not exceed 51.

ITP523I VERIFICATION SUMMARY REPORT CANCELLED - INCOMPLETE DATA

Explanation: The Loglist Utility cannot process all of the verify (VRFY) records on the log data set because of a shortage of storage. This results in incomplete data for verification summary report processing.
System action: The system does not print the verification summary report.
User response: Either allocate more storage for the Loglist Utility or reduce the scope of the Loglist Utility run with one of the following control commands:
  APPCLU
  DEV
  EXDEV

ITP524I DUPLICATE MSGTXT

Explanation: The name that is specified on an MSGTXT command is used on a previous MSGTXT command.
System action: This command is ignored.
User response: If you want to specify another MSGTXT name, enter an MSGTXT command with that name.

ITP525I INVALID COMMA PRECEDING OPERAND

Explanation: An extra comma is found preceding the first operand on a Loglist Utility command.
System action: This command is ignored.
User response: Issue the command again without the extra comma.

ITP526I CONFLICT WITH PREVIOUSLY ENTERED COMMAND

Explanation: The command specified conflicts with a previously entered command. One command is requested to include information concerning a resource (TERM, DEV, or TP), while the other is requested to exclude information concerning a resource (EXTERM, EXDEV, or EXTP). For example, the following commands are invalid:
  • An EXDEV command followed by a TERM, DEV, or TP command specified under the same VTAMAPPL, APPCLU, or TCPIP command.
  • A TERM command followed by an EXTERM, EXDEV, or EXTP command specified under the same VTAMAPPL, APPCLU, or TCPIP command.
System action: The system ignores the command and continues processing.
User response: Run the Loglist Utility again, removing the command that does not provide the wanted result.
Response Time Utility messages (600 - 649)

This section describes the messages that appear as a result of Response Time Utility commands entered. You can enter the commands at the console or use the SYSIN data set. When the User Response suggests that you enter the correct command again, take one of the following actions:

- If you are entering commands from the console or TSO terminal, enter the command directly.
- If you are using a SYSIN data set, run the Response Time Utility again and use a SYSIN data set with the correct command.

<table>
<thead>
<tr>
<th>Message</th>
<th>Explanation</th>
<th>System action</th>
<th>User response</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITP602I</td>
<td>OPEN FAILED FOR SYSPRINT DCB</td>
<td>The OPEN fails for the report output data set.</td>
<td>The system stops processing.</td>
</tr>
<tr>
<td>ITP603I</td>
<td>OPEN FAILED FOR SYSUT1 DCB</td>
<td>The OPEN fails for the message log data input data set.</td>
<td>The system stops processing.</td>
</tr>
<tr>
<td>ITP604I</td>
<td>OPEN FAILED FOR LISTDD DCB</td>
<td>The OPEN fails for the response time listing file.</td>
<td>Processing continues without creating any records for the file.</td>
</tr>
<tr>
<td>ITP605I</td>
<td>END OF FILE BEFORE START OF RUN</td>
<td>The first time value that is specified on the TIME control command is not found before the end of the message log data set. The log data set must contain records within the range of times that are specified by the TIME control command.</td>
<td>The system does not perform response time analysis.</td>
</tr>
<tr>
<td>ITP607I</td>
<td>NO RESPONSES FOUND</td>
<td>The message log data set is scanned and no response times are found for the resources listed in the title lines.</td>
<td>The system prints a report with header information and a message that states that no responses are found.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Message</th>
<th>Explanation</th>
<th>System action</th>
<th>User response</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITP608I</td>
<td>INVALID COMMAND</td>
<td>The command that is entered is not a valid Response Time Utility command.</td>
<td>The system ignores the command and continues processing the next command.</td>
</tr>
<tr>
<td>ITP609I</td>
<td>ENTER RESPONSE COMMANDS</td>
<td>By issuing this write-to-operator with reply (WTOR), you can enter console commands for the Response Time Utility.</td>
<td>The system waits for a response.</td>
</tr>
<tr>
<td>ITP610I</td>
<td>STORAGE NOT AVAILABLE</td>
<td>A GETMAIN fails when the Response Time Utility attempts to obtain storage for control blocks or for a user exit.</td>
<td>The run stops or continues with limited function.</td>
</tr>
</tbody>
</table>
ITP611I INVALID TIME SPECIFICATION

Explanation: The time limits specified on a TIME command are invalid.

System action: The system ignores the command and continues processing the next command.

User response: Enter the command again with valid time limits.

ITP612I INVALID PARM FIELD ON EXEC CARD

Explanation: During processing of the execution parameters, a syntax error is detected or the specified number is not in the valid range.

System action: Processing ends.

User response: Correct the EXEC card and submit the job again. Refer to WSim Utilities Guide for the valid parameters.

ITP613I END OF FILE BEFORE END OF RUN

Explanation: The last time that is specified in the TIME command is not found before the end-of-run time is found.

System action: The system still prints a response time report.

User response: The report that is generated might cover more of the simulation run than you want. If necessary, run the Response Time Utility again with a different end time.

ITP615I INVALID LU SESSION NUMBER OR TP INSTANCE NUMBER

Explanation: The LU session number is invalid when the TERM or EXTERM is used for an LU, or the TP instance number is invalid when the TERM or EXTERM is used for a TP.

System action: The system ignores the command and continues processing the next command.

User response: Enter the command again with a session or instance number in the range 1 - 99999.

ITP616I TCPIP/VTAMAPPL/APPCLU OMITTED

Explanation: A TERM or EXTERM command is being processed. Each TERM or EXTERM specification is grouped with the previous TCPIP, VTAMAPPL, or APPCLU specification. For this TERM or EXTERM command, no TCPIP, VTAMAPPL, or APPCLU command is previously specified.

System action: The system ignores the TERM or EXTERM command and continues processing.

User response: Run the Response Time Utility again and specify at least one VTAMAPPL or TCPIP command before the first TERM or EXTERM command.

ITP617I INVALID TERMINAL NAME

Explanation: The name that is specified on a TERMINAL command contains more than 8 characters.

System action: The system ignores the TERMINAL command and continues processing.

User response: Enter the TERMINAL command again with a valid name.

ITP618I INVALID EXIT NAME

Explanation: The name of the user exit routine that is specified on an EXIT command contains more than 8 characters.

System action: The system ignores the EXIT command and continues processing.

User response: Enter the EXIT command again with a valid name.

ITP619I MEMBER NOT FOUND IN LIBRARY

Explanation: The name of the user exit routine on the EXIT command is not a member of a data set specified by the JOBLIB or STEPLIB DD statements, or it is not a member of SYS1.LINKLIB.

System action: Any active user exit is deleted, and the WSim-supplied exit is used.

User response: Enter the EXIT command again with a valid name.

ITP621I DUPLICATE TERMINAL

Explanation: The name that is specified on a TERMINAL or EXTERM command is not a member of a data set specified by the JOBLIB or STEPLIB DD statements, or it is not a member of SYS1.LINKLIB.

System action: The system ignores the TERMINAL or EXTERM command and continues processing.

User response: Specify another TERMINAL or EXTERM command with another terminal name.

ITP622I REPORT PRODUCED BY EXIT ROUTINE

Explanation: The user exit that is specified by the EXIT command returns a nonzero return code in register 15 after receiving control on the end of file.

System action: The Response Time Utility does not print any response time reports.

User response: None.
### ITP623I  INVALID GRAPH SCALE VALUE

**Explanation:** A GRAPH or CGRAPH command is being processed and the number specified contains more than 3 digits.

**System action:** The command is ignored and the default scale factor 0 is used.

**User response:** If you do not want the default value, enter another GRAPH or CGRAPH command with a value 0 - 999.

### ITP626I  INVALID BTRANS/ETRANS ORDER

**Explanation:** An ETRANS command is not preceded by a BTRANS command.

**System action:** The system ignores the command and continues processing.

**User response:** Enter a BTRANS command before entering the ETRANS command again.

### ITP627I  TOO MANY BTRANS COMMANDS

**Explanation:** The number of transaction types specified (the number of BTRANS commands) is greater than the number allowed by the TRAN execution parameter.

**System action:** The system ignores the last BTRANS command and continues processing.

**User response:** If you did not code the TRAN execution parameter, the default value is 10. You can choose a value up to 9999.

### ITP629I  INVALID NTWRK NAME

**Explanation:** The name that is specified on the NTWRK command is longer than 8 characters.

**System action:** The system ignores the command and continues processing the next command.

**User response:** Enter another NTWRK command with a valid network name.

### ITP630I  INVALID PERCENTILE VALUE

**Explanation:** The PERCENT command has one of the following problems:
- The command specifies a number that is equal to zero.
- The command specifies a number that is more than 2 digits long.
- The command specifies too many percentile values.

**System action:** The system ignores the command and uses the default percentile value (90%).

**User response:** Enter a valid PERCENT command. Up to 10 values separated by commas can be entered. Each value must be a decimal integer 1 - 99.

### ITP631I  INVALID VTAMAPPL NAME

**Explanation:** The name that is specified on the VTAMAPPL command is longer than 8 characters.

**System action:** The system ignores the command and continues processing the next command.

**User response:** Enter the command again with a valid name.

### ITP632I  DUPLICATE VTAMAPPL

**Explanation:** The name that is specified on a VTAMAPPL command is already used on a previous VTAMAPPL command.

**System action:** The system ignores the command and continues processing the next command.

**User response:** To have response time analysis done for a different VTAMAPPL, enter another VTAMAPPL command with a name that is not used before.

### ITP633I  DUPLICATE OPERAND

**Explanation:** A valid operand for this command is specified more than once.

**System action:** The system ignores the command and continues processing the next command.

**User response:** Remove the duplicate operand and enter the command again.

### ITP636I  REQUIRED OPERAND MISSING

**Explanation:** The current command requires an operand that is not specified.

**System action:** The system ignores the command and continues processing the next command.

**User response:** Enter the command again with the required operand.

### ITP637I  SCANNED MORE THAN 71 COLUMNS

**Explanation:** A command or command operand is coded beyond column 71 of the input record.

**System action:** The system ignores the command and continues processing the next command.

**User response:** If a command extends past column 71, it must be continued in the same manner as a network definition statement. For information about continuing a statement, refer to WSim Script Guide and Reference.
ITP638I MULTIPLE DELIMITERS DETECTED

Explanation: More than one delimiter character is coded consecutively in an operand field.

System action: The system ignores the command and continues processing the next command.

User response: Enter the command again with the corrected delimiter.

ITP639I INVALID OPERAND

Explanation: An invalid keyword operand is specified on the current command.

System action: The system ignores the command and continues processing the next command.

User response: Enter the command again with a valid keyword.

ITP640I INVALID DELIMITER FOUND

Explanation: An invalid delimiter character is coded in an operand field.

System action: The system ignores the command and continues processing the next command.

User response: Enter the command again with a valid delimiter.

ITP641I INVALID OPERAND VALUE

Explanation: An invalid value is specified for a valid keyword operand.

System action: The system ignores the command and continues processing the next command.

User response: Enter the command again with a valid operand value.

ITP642I DUPLICATE MSGTXT

Explanation: The name that is specified on an MSGTXT command is used on a previous MSGTXT command.

System action: This command is ignored.

User response: To specify another MSGTXT name, enter an MSGTXT command with that name.

ITP643I CONFLICT WITH PREVIOUSLY ENTERED COMMAND

Explanation: The command specified conflicts with a previously entered command. One command is requested to include information concerning a resource (TERM), while the other is requested to exclude information concerning a resource (EXTERM). For example, the following commands are invalid:

- An EXTERM command followed by a TERM command specified under the same VTAMAPPL, APPCLU, or TCPIP command
- A TERM command followed by an EXTERM command specified under the same VTAMAPPL, APPCLU, or TCPIP command.

System action: The system ignores the term or EXTERM command and continues processing.

User response: Run the Response Time Utility again, removing the command that does not provide the wanted result.

ITP644I UNMATCHED SO OR SI FOUND IN TEXT OPERAND

Explanation: A BTRANS or ETRANS command contains an unmatched SO or SI character in the DBCS data that is coded on the TEXT= operand.

System action: The system ignores the command and continues processing.

User response: Enter valid DBCS data on your BTRANS or ETRANS command.

ITP645I INVALID TCPIP NAME

Explanation: The name that is specified on the TCPIP command is longer than 8 characters.

System action: The system ignores the command and continues processing the next command.

User response: Enter the command again with a valid name.

ITP646I DUPLICATE TCPIP NAME

Explanation: The name that is specified on the TCPIP command is used on a previous TCPIP command.

System action: The system ignores the TCPIP command and continues processing the next command.

User response: To have response time analysis done for a different TCPIP connection, enter another TCPIP command with a name that is not used before.

ITP647I INVALID APPCLU NAME

Explanation: The name that is specified on the APPCLU command is longer than 8 characters.

System action: The system ignores the command and continues processing the next command.

User response: Enter the command again with a valid name.
ITP648I  DUPLICATE APPCLU NAME

Explanation: The name that is specified on an APPCLU command is used on a previous APPCLU command.

System action: The system ignores the command and continues processing the next command.

User response: To have response time analysis done for a different APPCLU, enter another APPCLU command with a name that is not used before.

Preprocessor messages (650 - 699)

This section describes the diagnostic messages that you might encounter when you run the Preprocessor.

Note: The Preprocessor calls the initiator to do syntax checking of the message definition statements and the network configuration definition statements. For more information about errors detected while processing these input statements, see "Initiator messages (1200 - 1399)" on page 47.

ITP651I  ddname member ADDED TO DATA SET

Explanation: The network is successfully processed, and the specified member is moved into the data set specified by ddname. The ddname is either MSGDD (message generation decks) or INITDD (network configuration decks). The member is the name of the particular message generation deck or network configuration deck.

System action: If the network is the last network to be preprocessed, processing ends. If not, preprocessing of the next network begins.

User response: None.

ITP652I  ddname member REPLACED IN DATA SET

Explanation: The network is successfully processed and the specified member replaces an existing member by the same name in the data set specified by ddname. The ddname is either MSGDD (message generation decks) or INITDD (network configuration decks). The member is the name of the particular message generation deck or network configuration deck.

System action: If the network is the last network to be preprocessed, processing ends. If not, preprocessing of the next network begins.

User response: None.

ITP653I  ddname member ALREADY EXISTS, NOT REPLACED

Explanation: The indicated member (member) is not moved to the output data set specified by ddname because it is in the output data set and the execution JCL specify that this is a new member of the specified data set.

System action: Processing continues if there are more networks or message generation decks to preprocess.

User response: If member is specified incorrectly, specify it correctly and run the preprocessor again. If it is specified correctly and it is to be replaced, specify PARM=REPL on the EXEC statement.

ITP654I  ddname member UPDATE FAILED, DIRECTORY FULL

Explanation: Placing the indicated member in the output data set specified by ddname fails because the directory is full. The ddname is either MSGDD (message generation decks) or INITDD (network configuration decks). The member is the name of the particular message generation deck or network configuration deck.

System action: Processing ends.

User response: Either delete unneeded members from this data set or allocate another data set with more directory storage.

ITP655I  ddname member UPDATE FAILED, I/O ERROR

Explanation: Placing the indicated member in the output data set specified by ddname fails because of a permanent I/O error. The ddname is either MSGDD (message generation decks) or INITDD (network configuration decks). The member is the name of the particular message generation deck or network configuration deck.

System action: Processing ends.

User response: Investigate the problem with the data set or try using a different data set. Run the job again.

ITP656I  ddname member UPDATE FAILED, NO STORAGE

Explanation: Placing the indicated member in the output data set specified by ddname fails because the temporary storage needed was not available. The ddname is either MSGDD (message generation decks) or INITDD (network configuration decks). The member is
the name of the particular message generation deck or network configuration deck.

**System action:** Processing ends.

**User response:** Make more storage available to the Preprocessor and try again.

**ITP657I** _______ BYTES ARE REQUIRED FOR THIS NETWORK

**Explanation:** The network being processed requires the indicated number of bytes of storage for its control blocks.

**Note:** Because of storage fragmentation, this is not the full region size necessary to run the network. This figure does not include the storage that is needed for the WSim execution code.

**System action:** If the network is the last network to be preprocessed, processing ends. If not, preprocessing of the next network begins.

**User response:** None.

**ITP658I** INPUT FLUSHED TO NEXT NTWRK, MSGTXT, OR PREP STATEMENT

**Explanation:** The Preprocessor detected input records before processing a valid NTWRK or MSGTXT statement and flushed some of the input.

**System action:** Processing continues when an NTWRK, MSGTXT, or PREP statement is found in the input stream.

**User response:** For these statements to be valid, the command type must be spelled correctly and the statement must have a name field.

**ITP659I** _______ BLOCKS OF TEXT DATA REQUIRED FOR THIS NETWORK

**Explanation:** The network being processed requires the indicated number of MSGTXT data blocks.

**System action:** If the network is the last network to be preprocessed, processing ends. If not, preprocessing of the next network begins.

**User response:** When the MSGDISK statement is included in the network definition, the number of blocks that are specified must be greater than or equal to the number of blocks indicated in this message. The number of blocks is specified in one of the following ways:
- in the SPACE operand value on the MSGDISK statement, or
- in the SPACE parameter on the DD card referenced by the DDNAME operand.
This section describes the messages that you might encounter when you use the various script generator utility programs.

**ITP851I**  
**INITIALIZATION COMPLETE FOR NETWORK netname**  
**Explanation:** This message indicates that network definition is processed successfully by the WSim initiator and is valid input to ITPSGEN. The name of the network is netname.  
**System action:** Processing continues.  
**User response:** None.

**ITP852I**  
**FIND FAILED FOR NETWORK netname RC rc**  
**Explanation:** This message indicates that a FIND macro for the network ends with the error return code given. The name of the network is netname and the return code is rc.  
**System action:** Processing continues.  
**User response:** One possible problem is that a PREP statement in the network input to ITPSGEN specified a network name that is not previously preprocessed.

**ITP853I**  
**INITIALIZATION ENDED WITH ERRORS FOR NETWORK netname**  
**Explanation:** This message indicates that error is found in the network definition. The name of the network is netname.  
**System action:** The system does not create message generation decks for this network.  
**User response:** Preprocess the network configuration to find and correct errors.

**ITP854I**  
**ddname member - UPDATE FAILED, DIRECTORY FULL**  
**Explanation:** This message indicates that an attempt is made to store the member into the data set named, but the attempt fails because the directory has no more space.  
**System action:** Processing continues.  
**User response:** To solve this problem, delete unwanted members from the data set, or allocate another data set with more space and then run the script generator again.

**ITP855I**  
**ddname member - UPDATE FAILED, I/O ERROR**  
**Explanation:** This message indicates that an attempt is made to store the member into the data set named, but the attempt fails because of an I/O error during the attempt.  
**System action:** Script generator processing ends.  
**User response:** Load the tape onto another tape drive and run the script generator again.

**ITP856I**  
**ddname member - UPDATE FAILED, NO STORAGE**  
**Explanation:** This message indicates that an attempt is made to store the member (member) into the data set (ddname), but the attempt fails because of insufficient storage.  
**System action:** Script generator processing ends.  
**User response:** None.

**ITP857I**  
**STORAGE NOT AVAILABLE TO PRINT INITIATOR ERROR NUMBER**  
**Explanation:** This message indicates that the WSim initiator finds an error in one of the networks that are submitted as input, but no storage is available to build the initiator error message.  
**System action:** Script generator processing ends.  
**User response:** None.

**ITP858I**  
**I/O ERROR ON CTLIN READING STATEMENT**  
**Explanation:** This message indicates that an I/O error occurred while reading the control statements from the CTLIN data set.  
**System action:** Script generator processing ends.  
**User response:** Make sure that control statements are contained in columns 1 - 71, each statement is on a separate line, and that operands (if they exist) are separated by at least one blank. For more information about control statements, refer to WSim Utilities Guide.

**ITP859I**  
**INVALID ITPSGEN COMMAND**  
**Explanation:** This message indicates that the command on a control statement read from the CTLIN data set is not recognized by ITPSGEN.  
**System action:** Script generator processing ends.
User response: Make sure that only valid commands are on the control statement. For more information about valid commands, refer to WSim Utilities Guide.

ITP860I OPERAND VALUE INVALID
Explanation: This message indicates that a control statement read from the CTLIN data set has an invalid or unrecognized operand.
System action: Processing ends.
User response: For more information about valid operands, refer to WSim Utilities Guide.

ITP861I NETWORK UPDATE OPTION IGNORED - UNABLE TO OPEN NTWRKS OR INITDD DATA SET
Explanation: This message indicates that the networks submitted are not updated because one of the named data sets cannot be opened successfully.
System action: Processing continues as if NONTWRK is specified as a parameter on the EXEC statement.
User response: None.

ITP862I SEQUENTIAL OUTPUT OPTION IGNORED - UNABLE TO OPEN SEQOUT DATA SET
Explanation: This message indicates that the message generation decks and updated network definitions is not written to a sequential output data set because the SEQOUT data set cannot be opened successfully.
System action: Processing continues as if NOSEQOUT was specified.
User response: None.

ITP863I I/O ERROR ON INPUT TAPE - EXECUTION ABORTED
Explanation: This message indicates that an I/O error occurred while reading the input data set.
System action: ITPSGEN execution stops.
User response: Check the definition of the input data set. If the data set is a tape file, the problem might be with the tape drive. Try using another drive.

ITP864I I/O ERROR ON DATA SET ddname - EXECUTION ABORTED
Explanation: This message indicates that an I/O error occurred while writing or reading the data set named.
System action: ITPSGEN execution stops.
User response: Check the definition of the data set.

ITP865I OPEN FOR OUTPUT FAILED FOR ddname
Explanation: This message indicates that the open fails for the output data set.
System action: Processing continues without creating any records for the file.
User response: None.

ITP866I NO TRACE RECORDS WERE FOUND THAT ARE ELIGIBLE FOR SCRIPT GENERATION
Explanation: No trace records are found in which the resource name matched a DEV, LU, or APPCLU name specified in the model networks.
System action: No scripts are generated.
User response: Make sure that the correct model network and input trace data set are being referenced. Make sure that at least one device in the model network matches at least one resource that is found in the trace data set.

ITP867I USER CONTROL DATA ENCOUNTERED FOR TP XXXXXXXX - THE DATA WAS IGNORED
Explanation: The trace data set contains data for the specified TP that is encoded as user control data. Because the NOUCD script generation control command is specified, this data is ignored by the script generator.
System action: The user control data is ignored and script generation continues.
User response: If the user control data must be processed as application data, specify the UCD script generation control command and rerun the script generator.

ITP868I USER CONTROL DATA ENCOUNTERED FOR TP XXXXXXXX - THE DATA WAS PROCESSED AS APPLICATION DATA
Explanation: The trace data set contains data for the specified TP that is encoded as user control data. As the UCD script generation control command is specified or defaulted, this data is processed as application data by the script generator.
System action: The user control data is processed as application data and the script generation continues.
User response: If the user control data must not be processed as application data, specify the NOUCD script generation control command and rerun the script generator.
ITP869I  THE SCRIPT FOR TP XXXXXXXX WAS GENERATED FROM A FULL-DUPLEX SESSION - USE THIS SCRIPT WITH CAUTION

Explanation: The session that is used to generate the specified TP is identified as a full-duplex session.

System action: Script generation continues. A script is generated for the specified TP.

User response: When running WSim simulations that use scripts generated from full-duplex sessions, be aware that the simulations cannot accurately reproduce the original traced scenario. However, it is possible that the session was identified as full-duplex but used as if it were half-duplex flip-flop. In this case, the generated scripts must accurately reproduce the original scenario.

ITP870I  TRUNCATED TRACE DATA ENCOUNTERED FOR TP XXXXXXXX

Explanation: This message indicates that truncated data is detected in the trace set for the specified TP.

System action: Script generation continues. A script is generated for the specified TP.

User response: Use generated scripts with caution as they might not reflect complete data flows. Make sure that you request a full buffer trace when capturing trace files. For VTAM buffer traces, a full buffer trace is requested by specifying the AMOUNT=FULL parameter on the trace command.

ITP871I  ERRONEOUS TRACE DATA DETECTED: END-OF-CHAIN RECEIVED BEFORE EXPECTED

Explanation: This message indicates that an end-of-chain indicator is received before all of the chain is received.

System action: Script generation continues.

User response: Use generated scripts with caution as they might not reflect complete data flows. The trace file contains corrupted data. Consider recapturing the trace data.

ITP872I  ERRONEOUS TRACE DATA DETECTED: END-OF-CHAIN NOT RECEIVED WHEN EXPECTED

Explanation: This message indicates that an end-of-chain indicator is not received when all of the data in the chain is received.

System action: Script generation continues.

User response: Use generated scripts with caution as they might not reflect complete data flows. The trace file contains corrupted data. Consider recapturing the trace data.

ITPECHO messages (900 - 949)

This section describes messages that originate from ITPECHO, a VTAM application program that is supplied with WSim as a sample routine. You can use ITPECHO with WSim simulated resources, using the supplied sample scripts and network definitions, to ease the WSim installation, learning, and planning processes.

ITPECHO is essentially an “echo” program; it receives data and transmits the same data back to the terminal that issued the request. Terminal types supported include 3270s (LU2) and any non-3270 devices that have no specific data stream dependencies (such as LU0).

ITP900I  ITPECHO: APPLID=applid,BUFSIZE=bufsize, PASSWD=password, |SMSG|NOSMSG), |TRACE|NOTRACE, |WTOR|NOWTOR

Explanation: This message displays the current execution parameters for ITPECHO. The applid is the VTAM ID that is used for the access method control block (ACB), bufsize is the buffer size allocated for input and output buffers, and password is the password specified or null.

System action: Message ITP904E follows this message if the WTOR execution parameter is specified or defaulted.

User response: Respond to message ITP904E if it appears.

ITP901I  applid: INVALID COMMAND ENTERED

Explanation: An unrecognized ITPECHO operator command is entered. The applid is the ID of the application for which this command is entered.

System action: No action takes place.

User response: Enter the corrected operator command again, or consult WSim Utilities Guide for a list of valid commands.

ITP902I  applid: OUT OF STORAGE
Explanation: A request for virtual storage fails during logon request processing for the application with ID applid.

System action: The session request with the LU is not accepted, and a CLSDST is issued for this CID. This message appears only once during any ITPECHO run. Any subsequent storage request failures are not indicated, but can be possible reasons for logon rejections.

User response: Execute ITPECHO with a larger region size, or decrease the BUFSIZE parameter that is used for each session.

ITP903I applid: CLOSING (rplrtncd,rplfdb2) luname [- reason] 
Explanation: The ID of the application is applid. The session with LU luname is being stopped. The VTAM return codes, rplrtncd and rplfdb2, indicate the reason for the session termination. The reason explains the common return codes.

System action: The session stops.

User response: None.

ITP904E ITPECHO: ENTER NEW PARMS, "U" OR "END"
Explanation: This message prompts for new execution parameters before the ACB is opened.

System action: The system waits for a response.

User response: If you want to change one or all parameters for this run, enter the new parameters. Otherwise, enter U to use the current values or END to stop ITPECHO. See the section on using ITPECHO execution parameters in WSim Utilities Guide for more information.

ITP905E ITPECHO: ENTER ITPECHO COMMAND
Explanation: This message prompts for ITPECHO operator commands. Refer to WSim Utilities Guide for specific command format. The application's ID for which this message is intended is given by ITPECHO.

System action: Processing continues.

User response: Enter an ITPECHO operator command if needed.

ITP906E ITPECHO: INVALID PARAMETERS SPECIFIED
Explanation: ITPECHO detects an invalid execution parameter.

System action: The system sets all parameters to their default values.

User response: Correct the mistake and respond to message ITP904E with the wanted execution parameters.

ITP907I ITPECHO: LOGON REQUEST, luname
Explanation: ITPECHO receives a logon request from LU luname. The application ID is ITPECHO.

System action: An OPNDST is now issued to accept the session, or if no storage can be obtained, a CLSDST is issued to reject the session.

User response: None.

ITP908I ITPECHO IS CLOSING DOWN
Explanation: An END operator command is entered to stop ITPECHO for the application.

System action: ITPECHO begins closing down.

User response: None.

ITP909I ITPECHO COMMAND ACCEPTED
Explanation: An ITPECHO command is entered for the application.

System action: The system accepts and processes the ITPECHO command.

User response: None.

ITP910I ITPECHO OPEN FAILED FOR applid ACB. ACBERFLG=nn
Explanation: The OPEN fails for ACB applid. ACBERFLG indicates the hexadecimal reason code nn for the OPEN failure.

System action: ITPECHO now stops.

User response: Consult ACF/VTAM Programming for a description of the ACBERFLG value. Correct the problem and start ITPECHO again.

ITP912I ITPECHO SETLOGON FAILED (rplrtncd,rplfdb2) - reason
Explanation: The SETLOGON request that is issued by the application program fails. However, the ACB is open. VTAM return codes from the SETLOGON macro are rplrtncd and rplfdb2. The reason explains common return codes.

System action: The SETLOGON request fails.

User response: Consult VTAM documentation for a description of the return codes. There is probably a problem with the VTAM APPL defined in VTAMLIST that ITPECHO is attempting to use. Correct any problem and start ITPECHO again.
**ITP1013I • ITP1011I**

**ITP1013I**  
applid LERAD EXIT CODES:  
(rplrtncd,rplfdb2) - reason  

**Explanation:** VTAM invoked the LERAD exit due to a logical error in ITPECHO. The ID of the affected application is applid. The VTAM return codes rplrtncd and rplfdb2 indicate the reason for the error. The reason explains common return codes.

**System action:** ITPECHO execution continues.

**User response:** Consult ACF/VTAM Programming for a description of the return codes. If you suspect an ITPECHO programming error, cancel ITPECHO with a dump and contact your WSim support representative.

A better alternative is to try and re-create the problem while the TRACE command is in effect. Then, cancel ITPECHO with a dump and contact your WSim representative.

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**Log Compare Utility messages (1000 - 1099)**

This section describes the messages that can be issued when running the Log Compare Utility (ITPCOMP).

**ITP1001E** ENTER COMPARE COMMANDS  

**Explanation:** This write-to-operator with reply (WTOR) is issued to allow the user to enter console commands for ITPCOMP.

**System action:** The system waits for a response.

**User response:** Enter a valid ITPCOMP console command.

**ITP1002I** OPEN FAILED FOR SYSPRINT DCB  

**Explanation:** The OPEN fails for the report output data set.

**System action:** The system stops processing.

**User response:** Correct the SYSPRINT DD (or FILEDEF) statement and run the job again.

**ITP1005I** OPEN FAILED FOR MASTLDS DCB  

**Explanation:** The OPEN fails for the message log data set defined with the MASTLDS DD (or FILEDEF) statement.

**System action:** The system stops processing.

**User response:** Make sure that BLKSIZE is specified, correct the MASTLDS DD (or FILEDEF) statement, and run the job again.

**ITP1006I** OPEN FAILED FOR TESTLDS DCB  

**Explanation:** The OPEN fails for the message log data set defined with the TESTLDS DD (or FILEDEF) statement.

**System action:** The system stops processing.

**User response:** Make sure that BLKSIZE is specified, correct the TESTLDS DD (or FILEDEF) statement, and run the job again.

**ITP1007I** END OF MASTER FILE BEFORE START COMMAND MET  

**Explanation:** The record identified by the START command was not found before the end of the MASTER message log data set.

**System action:** The system does not perform the compare analysis.

**User response:** Enter the START command again, defining a valid record.

**ITP1008I** INVALID COMMAND  

**Explanation:** The command entered is not a valid ITPCOMP command.

**System action:** The system ignores the command and continues processing the next command.

**User response:** Enter a valid ITPCOMP console command. Refer to WSim Utilities Guide for valid commands.

**ITP1009I** COMPARE NOT EXECUTED. NO MATCH FOUND  

**Explanation:** No records are found to compare.

**System action:** The system stops processing.

**User response:** Determine whether your log data sets are similar enough to compare, check the commands that are issued, and run the job again.

**ITP1010I** STORAGE NOT AVAILABLE  

**Explanation:** A GETMAIN fails when ITPCOMP attempts to obtain storage for control blocks.

**System action:** The run stops or continues with limited function.

**User response:** To reduce storage requirements, specify a few lines and terminals in each run. If this doesn’t work, increase the job region size before running the job again.

**ITP1011I** END OF TEST FILE BEFORE START COMMAND MET  

**Explanation:** The record identified by the START
command is not found before the end of the TEST message log data set.

**System action:** The system does not perform the compare analysis.

**User response:** Enter the START command again, defining a valid record.

<table>
<thead>
<tr>
<th>ITP1012I</th>
<th>NO MASTER RECORDS PASSED SELECTION CRITERIA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> Resource selection commands are issued, but no DSPY records in the MASTER log data set matched the criteria. Resource selection commands include: NTWRK, VTAMAPPL, LU, TCPIP, DEV, TERM, and MSGTXT.</td>
<td></td>
</tr>
<tr>
<td><strong>System action:</strong> The system stops processing</td>
<td></td>
</tr>
<tr>
<td><strong>User response:</strong> Change the commands that are issued and run the job again.</td>
<td></td>
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<table>
<thead>
<tr>
<th>ITP1013I</th>
<th>NO TEST RECORDS PASSED SELECTION CRITERIA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> Resource selection commands are issued, but no DSPY records in the TEST log data set matched the criteria. Resource selection commands include: NTWRK, VTAMAPPL, LU, TCPIP, DEV, TERM, and MSGTXT.</td>
<td></td>
</tr>
<tr>
<td><strong>System action:</strong> The system stops processing</td>
<td></td>
</tr>
<tr>
<td><strong>User response:</strong> Change the commands that are issued and run the job again.</td>
<td></td>
</tr>
</tbody>
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<thead>
<tr>
<th>ITP1014I</th>
<th>NO MASTER RECORDS PASSED THE SELECT/EXCLUDE COMMAND</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> SELECT or EXCLUDE commands are issued, but no DSPY records in the MASTER log data set meet the criteria.</td>
<td></td>
</tr>
<tr>
<td><strong>System action:</strong> The system stops processing</td>
<td></td>
</tr>
<tr>
<td><strong>User response:</strong> Either enter the SELECT command again to choose more records or enter the EXCLUDE command again not to exclude everything.</td>
<td></td>
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</tbody>
</table>

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<thead>
<tr>
<th>ITP1015I</th>
<th>NO TEST RECORDS PASSED THE SELECT/EXCLUDE COMMAND</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> SELECT or EXCLUDE commands are issued, but no DSPY records in the TEST log data set meet the criteria.</td>
<td></td>
</tr>
<tr>
<td><strong>System action:</strong> The system stops processing</td>
<td></td>
</tr>
<tr>
<td><strong>User response:</strong> Either enter the SELECT command again to choose more records or enter the EXCLUDE command again not to exclude everything.</td>
<td></td>
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</tbody>
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<thead>
<tr>
<th>ITP1016I</th>
<th>PARAMETER ERROR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> During processing of the execution parameters, a syntax error is detected or the specified number is not in the valid range.</td>
<td></td>
</tr>
<tr>
<td><strong>System action:</strong> The system stops processing.</td>
<td></td>
</tr>
<tr>
<td><strong>User response:</strong> Correct the EXEC card and submit the job again. Refer to WSim Utilities Guide for valid parameters.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ITP1029I</th>
<th>INVALID NTWRK NAME SPECIFIED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> The name that is specified on the NTWRK command is longer than 8 characters or began with a numeric value.</td>
<td></td>
</tr>
<tr>
<td><strong>System action:</strong> The system ignores the command and continues processing the next command.</td>
<td></td>
</tr>
<tr>
<td><strong>User response:</strong> Enter another NTWRK command with a valid network name.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ITP1031I</th>
<th>UNMATCHED SO OR SI FOUND IN DATA OPERAND</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> The DATA= operand on a compare control command contains an unmatched SO or SI character in the DBCS data.</td>
<td></td>
</tr>
<tr>
<td><strong>System action:</strong> The system ignores the command and continues processing.</td>
<td></td>
</tr>
<tr>
<td><strong>User response:</strong> Enter valid DBCS data on your control command.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ITP1032I</th>
<th>COMMAND NOT VALID AFTER DEV/LU ONLY</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> The VTAMAPPL or TCPIP command is invalid because it is the first VTAMAPPL or TCPIP command for this run and a TERM, DEV, or LU command is previously specified.</td>
<td></td>
</tr>
<tr>
<td><strong>System action:</strong> The system ignores the command and continues processing the next command.</td>
<td></td>
</tr>
<tr>
<td><strong>User response:</strong> Run ITPCOMP again and specify at least one VTAMAPPL or TCPIP command before the first TERM, DEV, or LU command.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ITP1033I</th>
<th>DUPLICATE VTAMAPPL/TCPIP SPECIFIED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> The VTAMAPPL or TCPIP command being processed specified a VTAMAPPL or TCPIP name that is entered for this run.</td>
<td></td>
</tr>
<tr>
<td><strong>System action:</strong> The system ignores the command and continues processing the next command.</td>
<td></td>
</tr>
<tr>
<td><strong>User response:</strong> Enter the VTAMAPPL or TCPIP command again for another VTAM application or TCP/IP connection if necessary.</td>
<td></td>
</tr>
</tbody>
</table>
**ITP1034I • ITP1044I**

<table>
<thead>
<tr>
<th>Code</th>
<th>Message</th>
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</thead>
<tbody>
<tr>
<td><strong>ITP1034I</strong></td>
<td><strong>DUPLICATE TERM/DEV/LU SPECIFIED</strong></td>
</tr>
<tr>
<td>Explanation:</td>
<td>The TERM/DEV/LU command being processed specifies a TERM, DEV, or LU name that was already entered for this run.</td>
</tr>
<tr>
<td>System action:</td>
<td>The system ignores the command and continues processing the next command.</td>
</tr>
<tr>
<td>User response:</td>
<td>Enter the TERM, DEV, or LU command again for another TERM, DEV, or LU if necessary.</td>
</tr>
</tbody>
</table>

| **ITP1035I** | **INVALID LU SESSION NUMBER SPECIFIED**                              |
| Explanation: | The session number specified for an LU is not a valid session number. |
| System action: | The system ignores the LU command and continues processing the next command. |
| User response: | Enter the LU command again with a valid session number, or leave off the session number to process all sessions of that LU. |

| **ITP1036I** | **REQUIRED OPERAND IS MISSING**                                     |
| Explanation: | An operand is required on the command being processed but is not found. |
| System action: | The system ignores the command and continues processing the next command. |
| User response: | Enter the command again with the proper operands specified. |

| **ITP1037I** | **SCANNED MORE THAN 71 COLUMNS**                                    |
| Explanation: | The operands on the command must end before column 72 and can be continued on the next line. |
| System action: | The system ignores the command and continues processing the next command. |
| User response: | Enter the command before column 72 and use continuation if necessary. |

| **ITP1038I** | **MULTIPLE DELIMITERS DETECTED**                                    |
| Explanation: | More than one WSim delimiter is detected where there should only be one. |
| System action: | The system ignores the command and continues processing the next command. |
| User response: | Enter the command again with the proper syntax. |

| **ITP1039I** | **INVALID VTAMAPPL/TCPIP ID SPECIFIED**                              |
| Explanation: | The line ID specified on the VTAMAPPL or TCPIP command is invalid. |
| System action: | The system ignores the command and continues processing the next command. |
| User response: | Enter the VTAMAPPL or TCPIP command with a valid line ID. |

| **ITP1040I** | **INVALID DELIMITER DETECTED**                                       |
| Explanation: | An operand contains or is followed by an invalid delimiter. |
| System action: | The system ignores the command and continues processing the next command. |
| User response: | Enter the command again with the proper syntax. |

| **ITP1041I** | **INVALID OPERAND DETECTED**                                         |
| Explanation: | An operand coded on the command being processed is not valid for that command. |
| System action: | The system ignores the command and continues processing the next command. |
| User response: | Enter the command again with proper operands. |

| **ITP1042I** | **DUPLICATE MSGTXT NAME SPECIFIED**                                  |
| Explanation: | The MSGTXT command being processed specified an MSGTXT name that is entered for this run. |
| System action: | The system ignores the command and continues processing the next command. |
| User response: | Enter the MSGTXT command again for another MSGTXT if necessary. |

| **ITP1043I** | **DUPLICATE OPERAND SPECIFIED**                                      |
| Explanation: | An operand is coded twice on the command being processed. |
| System action: | The system ignores the command and continues processing the next command. |
| User response: | Enter the command again, leaving out the duplicate operand. |

| **ITP1044I** | **INVALID (row,col) SPECIFICATION**                                 |
| Explanation: | The row or col specified for the LOC operand exceeds the limits for a WSim display device. |
| System action: | The system ignores the command and continues processing the next command. |
| User response: | Enter the command again with the
(row,col) in the proper range.

ITP1045I  INVALID VALUE SPECIFIED FOR DATA OPERAND

Explanation: The value coded for the DATA operand is too long, includes an odd number of hexadecimal digits, or is null.

System action: The system ignores the command and continues processing the next command.

User response: Enter the command with a valid value for the data operand.

ITP1046I  INVALID OPERAND VALUE SPECIFIED

Explanation: The value coded for an operand is invalid.

System action: The system ignores the command and continues processing the next command.

User response: Enter the command with a valid value for the operand.

ITP1047I  INVALID (row,col,leng) SPECIFICATION

Explanation: The row, col, or leng specified for the LOC operand exceeds the limits for a WSim display device.

System action: The system ignores the command and continues processing the next command.

User response: Enter the command again with the (row,col,leng) in the proper range.

ITP1048I  EXCLUDE ALREADY CODED; SELECT IGNORED

Explanation: The SELECT and EXCLUDE commands are mutually exclusive. A SELECT command is coded but an EXCLUDE is processed, so the SELECT command is ignored.

System action: The system ignores the command and continues processing the next command.

User response: Do not enter SELECT commands if EXCLUDE is coded.

ITP1049I  SELECT ALREADY CODED; EXCLUDE IGNORED

Explanation: The EXCLUDE and SELECT commands are mutually exclusive. An EXCLUDE command was coded but a SELECT is processed, so the EXCLUDE command is ignored.

System action: The system ignores the command and continues processing the next command.

User response: Do not enter EXCLUDE commands if SELECT is coded.

ITP1050I  MASK FOR ALL SCREENS ALREADY CODED; COMMAND IGNORED

Explanation: A MASK command with no DATA operand is considered an “ALL MASK” command and is applied to all records selected. Only one of this type commands is allowed per run, so subsequent ones are ignored.

System action: The system ignores the command and continues processing the next command.

User response: Enter only one “ALL MASK” command per run.

Initiator messages (1200 - 1399)

This section describes the messages that indicate syntax errors in network definition statements. The first detected error for each statement is printed, and syntax verification continues for the following statements. WSim rejects any network that contains initialization errors. The network cannot be executed.

Several network definition statements require that all continuation statements be processed before error messages are printed. Because of interdependencies in the operands, some checks cannot be made until all operands for the logical statement are available. In these cases, an error message can refer to a physical statement other than the one printed. However, the error message must reflect the problem.

ITP1201I  RATEDD DCB NOT OPEN

Explanation: An attempt is made to use the RATEDD data set, but it is not open. The earlier attempt to open the data set fails.

System action: The system marks this statement as an error and continues processing.

User response: Check the DD statement and try again. If you are running the WSim/ISPF Interface, go to the SETUP panel. From there, enter the name of the rate
tables data set and then save it.

**ITP1202I** MEMBER NAME FIELD IS INVALID

**Explanation:** A data set member name specified by the operand is too long, for example, EXIT MODULE=TESTMOD11 (TESTMOD11 is longer than 8 characters)

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** The specified name must be 8 characters or less.

**ITP1203I** INVALID OR UNDEFINED RATE STATEMENT REFERENCED

**Explanation:** The operand of the statement being processed refers to a RATE statement that is invalid or is not defined. For example:

```
5 RATE R10
010020 LINE DELAY=T5 OK
010021 LINE DELAY=T10 ERROR-RATE statement 10 does not exist
```

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Make sure that all needed RATE statements are defined and that all operands are specified correctly.

**ITP1204I** MEMBER NOT FOUND IN LIBRARY

**Explanation:** During the initialization process of a network, one of the following errors occurs:

- The MSGTXT or MSGUTBL member name pointed to by the error pointer is not found in the MSGDD data set.
- The name on the RATE statement pointed to by the error pointer is not a member of the data set specified on the RATEDDD statement.
- The member specified on an EXIT statement or a user exit operand of the NTWRK statement is not found in the WSim load library.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the member name or provide the member specified.

**ITP1205I** EXPECTED CONTINUATION NOT RECEIVED

**Explanation:** A non-blank character is found in column 1 of a continuation statement.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** All continuation statements must begin with a blank in column 1. If this is not intended to be a continuation statement, the previous statement is in error. Check for any comma followed by a blank.

**ITP1206I** INVALID NAME FIELD FOR THIS STATEMENT

**Explanation:** This message is caused by one of the following conditions:

- The name field at or near the indicated column is not within the correct range limitations (0-255). For example:

```
0 RN OK
257 RN ERROR
```

- The name field on all statements must be fewer than 9 characters and end with a blank.
- No name field can contain a WSim delimiter. The WSim delimiters are the following ones:

```
, comma
& ampersand
blank
| or bar
. period
= equal sign
( left parenthesis
) right parenthesis
+ plus sign
- minus sign
```

- If the name field is being used as a default APPLID name in a VTAM application or CPI-C transaction program simulation, it must be alphanumeric and start with an alphabetic.
- If the name field is being used as a default TP name in a CPI-C transaction program simulation, it must be from character set 00640.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the name field and run the initiator again.

**ITP1207I** NTWRK DEFINITION STMT INVALID OR OUT OF SEQUENCE

**Explanation:** All WSim network definition statements must be in assigned sequence as defined in WSim Script Guide and Reference. The error message might be caused by one of the following reasons:

- Network statements are out of sequence.
- Network statements are misspelled or missing.
- Network statements are not followed by a blank.
- This card is a continuation of the preceding invalid statement.
**ITP1208i INSUFFICIENT STORAGE AVAILABLE FOR INITIATION**

**Explanation:** The error occurs during the execution of a GETMAIN macro instruction during initialization. The amount of storage requested is not available.

**System action:** Initialization stops.

**User response:** Increase the region size for the job and submit it again, or execute the job in a larger region.

---

**ITP1210i INVALID OPERAND DELIMITER**

**Explanation:** An invalid operand delimiter is found. Any of the following errors causes this message to appear:

- An operand value does not end with a blank or a comma followed by a blank or another operand.
- A keyword operand is not followed by an equal sign.
- An operand is enclosed within delimiters when they are not acceptable.
- A delimiter is not found when one is expected.
- An invalid delimiter is found in a CPI-C verb parameter list.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the error and run WSim again.

---

**ITP1211i OPERAND VALUE IS INVALID**

**Explanation:** The operand value at or near the indicated column is invalid.

**System action:** The system marks this statement as an error and processing continues with the next statement.

**User response:** Refer to WSim Script Guide and Reference for the correct values or syntax for the specified operand.

---

**ITP1212i INVALID KEYWORD OPERAND**

**Explanation:** The keyword coded at or near the indicated column is not an acceptable keyword operand for this statement type.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** For information about where operands can be coded, refer to WSim Script Guide and Reference.

---

**ITP1220i SCANNED MORE THAN 71 COLUMNS**

**Explanation:** A statement contains text data past column 71.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the error and submit the network again for syntax checking.

---

**ITP1222i FOUND DUPLICATE OPERAND ON STATEMENT**

**Explanation:** An operand is entered more than once on the same logical statement.
ITP1224I • ITP1241I

System action: The system marks this statement as an error and continues processing the next statement.

User response: Check the previous logical statement to make sure that it is not continued inadvertently.

ITP1224I STATEMENT NAME PREVIOUSLY USED

Explanation: The name field on the statement is used with the same statement type. For example:
0 UTBL operands
1 UTBL OK
0 PATH operands
0 PATH ERROR - duplicate name 0 invalid

System action: The system marks this statement as an error and continues processing the next statement.

User response: Correct the error and submit the network again for syntax checking.

ITP1225I MAXIMUM ALLOWABLE OPERANDS EXCEEDED

Explanation: The statement being processed contains more operands than its allowable maximum. A maximum of 25 paths can be entered on an NTWRK, DEV, TP, and LU statement. A maximum of 2000 weights can be entered on the UDIST statement.

System action: The system marks this statement as an error and continues processing the next statement.

User response: Change the statement to conform to the maximums permitted.

ITP1228I INVALID HEX STRING DATA SPECIFIED

Explanation: The hexadecimal data at or near the indicated column is in error. Any of the following errors would cause this message to appear:
• An odd number of digits
• A non-hexadecimal digit
• A length greater than the allowable maximum length
• A length less than the allowable minimum length
• No beginning or ending quotes.

System action: The system marks this statement as an error and continues processing the next statement.

User response: Correct the hexadecimal data string and run WSim again.

ITP1231I PERMANENT I/O ERROR ON RATE DISK DATA SET

Explanation: A permanent I/O error is found during the directory search of the data set specified on the RATEDD DD statement.

System action: The system marks this statement as an error and continues processing the next statement.

User response: Make sure that the RATEDD DD statement points to a valid data set.

ITP1234I OPERAND VALUE MUST BE UNIQUE IN WSim

Explanation: The operand value indicated must not duplicate a value specified in another active network or a similar function in WSim. The DDNAME operand for NTWRKLOG, for example, cannot be the same as the DDNAME operand for NTWRKLOG in another network or the same as the WSim general log data set.

System action: The system marks this statement as an error and continues processing the next statement.

User response: Make the operand value unique and initialize the network again.

ITP1240I INVALID OPERAND FOR WSim EXECUTION ENVIRONMENT

Explanation: The indicated operand is invalid in the environment in which WSim is being executed. The SPACE operand on the MSGDISK statement, for example, is only valid on MVS. This message is not issued when the network is processed by the Preprocessor.

System action: The system marks this statement as an error and continues processing the next statement.

User response: Correct the error and submit the network again for syntax checking.

ITP1241I DATA FIELD OPTION IS INVALID OR CONTAINS ERROR

Explanation: An error was found while processing a data field option in a message generation deck statement data field.

System action: The system marks this statement as an error and continues processing the next statement.

User response: Make sure that the option type is valid and that the fields supplied with the option are correct.
ITP1243I  DEFAULT DELAY SPECIFIES UNDEFINED RATE OR RN

Explanation: The DELAY operand of the NTWRK statement specified an undefined rate table or RN statement. It was not overridden on a lower-level statement.

System action: The system marks this statement as an error and continues processing the next statement.

User response: Correct the error and submit the network again for syntax checking.

ITP1244I  UTI NOT ALLOWED WHEN WAIT TIME HAS NO PREFIX

Explanation: UTI is specified on the WAIT statement when TIME is coded without a prefix, A, F, R, or T, or not as a counter.

System action: The system marks this statement as an error and continues processing.

User response: If you want the WAIT time to be affected by the UTI, code TIME with one of the prefixes, A, F, R, or T, or specify a counter for TIME, otherwise remove the UTI operand.

ITP1246I  OPEN FAILED FOR MSGTXT WORK DATA SET

Explanation: At network initialization time, WSim is not able to open the MSGTXT work data set.

System action: WSim processing continues.

User response: Make sure that the DD name referenced by the DDNAME operand on the MSGDISK statement, if coded, is correct. Make sure that there is adequate space on the subject volume to contain the data set.

ITP1247I  NETWORK DEFINITION INCOMPLETE

Explanation: The network definition statements processed do not constitute a complete network. This message might be the result of one of the following problems in the network definition:

- An EOF condition is reached with an outstanding continuation statement expected.
- An EOF condition is reached with an outstanding DEV statement requirement.
- An EOF condition is reached when reading a member of the MSGDD (MSGTXT or MSGUTBL) and the MSGTXT or MSGUTBL statement is not found.

System action: WSim processing continues.

User response: Check to see whether someone edited the data set member and corrupted it. Correct the error and run WSim again.

ITP1248I  OPERAND INVALID OR OUT OF SEQUENCE

Explanation: An invalid or out-of-sequence operand is specified on this statement.

System action: The system marks this statement as an error and continues processing the next statement.

User response: Correct the error and submit the network again for syntax checking.

ITP1252I  DYNAMIC ALLOCATION FAILED FOR MSGTXT WORK DATA SET

Explanation: At network initialization time, WSim is unable to dynamically allocate the MSGTXT work data set.

System action: WSim processing continues.

User response: If the UNIT operand is coded, make sure that the system address specified is correct. Make sure that the volume selected, either with the UNIT operand or the default (SYSDA), has adequate space to contain the data set.

ITP1255I  INVALID OR UNDEFINED RN STATEMENT REFERENCED

Explanation: The value following the RNUM field does not start with a numeric digit or references an RN statement that was not defined.

System action: The system marks this statement as an error and continues processing the next statement.

User response: The value must be 0 - 255.

ITP1256I  INVALID PARENTHESIS

Explanation: A parenthesis is used where it is not allowed.

System action: The system marks this statement as an error and continues processing the next statement.

User response: Correct the error and submit the network again for syntax checking.

ITP1258I  START OR END DELIMITER MISSING OR TEXT TOO LONG

Explanation: A start or end delimiter is missing on the field being processed or the text length exceeds the maximum.

System action: The system marks this statement as an error and continues processing the next statement.

User response: Correct the error and submit the network again for syntax checking.
ITP1259I  OPERAND CONTAINS NON-DECIMAL VALUE
Explanation: An operand contains a non-decimal value. For example:
BUFSIZE=500  OK
BUFSIZE=50A  ERROR
System action: The system marks this statement as an error and continues processing the next statement.
User response: If the error occurs in a DELAY or WAIT statement, perhaps the type of delay specified is not correct.

ITP1260I  MAXIMUM OPERAND VALUE EXCEEDED
Explanation: The operand value processed is greater than the maximum allowable value for that operand.
System action: The system marks this statement as an error and continues processing the next statement.
User response: Correct the error and submit the network again for syntax checking.

ITP1261I  INCORRECT DELAY TYPE SPECIFIED
Explanation: None of the characters A, F, R, or T appeared on the DELAY operand. For example:
DELAY=A(100)  OK
DELAY=100  ERROR
System action: The system marks this statement as an error and continues processing the next statement.
User response: All the DELAY operands must contain an A, F, R, or T followed by a decimal integer.

ITP1262I  INVALID DBCS DATA, UNMATCHED SO/SI
Explanation: Text data is processed where an SO character is found without an SI character to end the DBCS subfield. The SI character must be on the same source record as the SO character.
System action: The system marks this statement as an error and continues processing the next statement.
User response: Correct the error and submit the network again for syntax checking.

ITP1263I  OPERAND VALUE MUST BE YES OR NO
Explanation: A keyword operand is detected that is not followed by the required YES or NO answer. For example:
MLOG=YES  OK
MLOG=MAYBE  ERROR
System action: The system marks this statement as an error and continues processing the next statement.
User response: Correct the error and submit the network again for syntax checking.

ITP1264I  OPERAND VALUE BELOW ALLOWABLE MINIMUM
Explanation: The operand value processed is smaller than the minimum allowable value for that operand.
System action: The system marks this statement as an error and continues processing the next statement.
User response: Correct the error and submit the network again for syntax checking.

ITP1266I  OPERAND VALUE HAS INVALID LENGTH
Explanation: The indicated operand value has an invalid length.
System action: The system marks this statement as an error and continues processing the next statement.
User response: Correct the error and submit the network again for syntax checking.

ITP1267I  INVALID DEVICE/LU TYPE
Explanation: This message appears for one of the following conditions:
• The TYPE or LUTYPE value did not specify a valid WSim terminal, device, or logical unit.
• The LUTYPE specified is not valid for the LU being defined.
System action: The system marks this statement as an error and continues processing the next statement.
User response: Refer to WSim Script Guide and Reference for more information.

ITP1268I  MULTIPLE WSim DELIMITERS DETECTED
Explanation: Multiple WSim delimiters embedded in network definition operands and operand values are not permitted. For example:
PATH = ()  ERROR - BLANK AND =
TYPE==  ERROR - TWO =
,,TYPE=TN3270  ERROR - TWO ,
MLOG=YES,,TYPE=TN3270  ERROR - TWO ,
The WSim delimiters are the following ones:
,  comma
&  ampersand
  blank
|  or bar
.  period
=    equal sign
(    left parenthesis
)   right parenthesis
+    plus sign
-    minus sign

System action: The system marks this statement as an error and continues processing the next statement.

User response: Correct the operand or its value and initialize the network again.

ITP1269I  CONFLICTING OPERANDS

Explanation: An operand is detected that conflicts with the use of another operand already processed.

System action: The system marks this statement as an error and continues processing the next statement.

User response: An MSGTXT statement that the TXTDLM and CONCHAR values are the same causes this error.

ITP1275I  EXPECTED OPERAND VALUE MISSING

Explanation: An operand value is expected but not found near the indicated statement column. For example:
TYPE=TN3270  OK
TYPE=       ERROR

System action: The system marks this statement as an error and continues processing the next statement.

User response: Correct the error and submit the network again for syntax checking.

ITP1277I  NAME FIELD REQUIRED

Explanation: There is no name coded on a statement for which one is required.

System action: The system marks this statement as an error and continues processing the next statement.

User response: Code a unique name on the statement.

ITP1279I  ERROR WRITING TEXT BLOCK TO MSGTXT WORK DATA SET

Explanation: An error occurred while writing a text block to the MSGTXT work data set.

System action: WSim cannot recover from this error; it stops execution now.

User response: If this error occurs often, try a different DASD device or consult your system support representative.

ITP1282I  MSGUTBL IS DUPLICATE OF EARLIER MSGTXT OR STLMEM

Explanation: An MSGUTBL name is the same as a message generation deck (MSGTXT) or STL member (STLMEM) name previously encountered in the network definition.

System action: The system marks this statement as an error and continues processing the next statement.

User response: The indicated name, according to the syntax of the statement on which it is encountered, must be a separately included user table (MSGUTBL) name.

ITP1283I  MSGTXT IS DUPLICATE OF EARLIER MSGUTBL OR STLMEM

Explanation: An MSGTXT name was the same as a separately included user table (MSGUTBL) or STL member (STLMEM) name previously encountered in the network definition.

System action: The system marks this statement as an error and continues processing the next statement.

User response: The indicated name, according to the syntax of the statement in which it is encountered, must be a message generation deck (MSGTXT) name.

ITP1292I  MODETAB STATEMENT REQUIRED FOR LU 6.2

Explanation: A MODETAB statement must be defined somewhere within the WSim network configuration when LU 6.2 devices are defined.

System action: The system marks this statement as an error and continues processing the next statement.

User response: Code a MODETAB, MODEENT, and MODEEND set of statements within the WSim network configuration.

ITP1293I  LABEL PRINTED NOT FOUND IN MESSAGE DECK deckname

Explanation: The LABEL printed on the next line is specified in a branch or call option but is not found in the specified message generation deck deckname.

System action: The system marks this statement as an error and continues processing the next statement.

User response: Correct the error and submit the network again for syntax checking.

ITP1295I  OPERAND VALUE HAS INVALID LENGTH OR WSim DELIMITER

Explanation: An operand value has an invalid length or contains a WSim delimiter. An operand value longer than 6 characters or shorter than 2 characters causes
this message to appear. For example:

```
DELAY=A100    OK
DELAY=A+1     ERROR - '+' IS AN INVALID DELIMITER
DELAY=A      ERROR - INVALID LENGTH, TOO SHORT
DELAY=A1000000 ERROR - INVALID LENGTH, TOO LONG
```

The WSim delimiters are the following ones:

<table>
<thead>
<tr>
<th>Character</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>,</td>
<td>comma</td>
</tr>
<tr>
<td>&amp;</td>
<td>ampersand</td>
</tr>
<tr>
<td>blank</td>
<td>blank</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>.</td>
<td>period</td>
</tr>
<tr>
<td>=</td>
<td>equal sign</td>
</tr>
<tr>
<td>(</td>
<td>left parenthesis</td>
</tr>
<tr>
<td>)</td>
<td>right parenthesis</td>
</tr>
<tr>
<td>+</td>
<td>plus sign</td>
</tr>
<tr>
<td>-</td>
<td>minus sign</td>
</tr>
</tbody>
</table>

System action: The system marks this statement as an error and continues processing the next statement.

User response: Correct the operand value and initialize the network again.

---

**ITP1296I**  TYPE OPERAND REQUIRED

**Explanation:** The TYPE operand is required for this DEV statement.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** The TYPE operand is required when a default value cannot be specified. For default values that are specified, refer to WSim Script Guide and Reference.

---

**ITP1297I**  KEYWORD OPERAND OR FOLLOWING DELIMITER IS INVALID

**Explanation:** The keyword operand or the delimiter following the keyword operand is invalid. Either of the following situations causes this message to appear:

- A keyword operand is not a valid operand for the statement, or an equal sign does not delimit the end of the keyword. For example:
  ```
  TYPE=  OK
  TYPE=ERROR - NO =
  TYPE=ERROR - INVALID KEYWORD
  ```
- The data entered on a TEXT statement does not start with the delimiter specified by the TXTDLM operand on the MSGTXT statement. For example:
  ```
  NAME MSGTXT TXTDLM=-
  TEXT (MESSAGE) ERROR
  TEXT -MESSAGE-  OK
  ```

System action: The system marks this statement as an error and continues processing the next statement.

**User response:** Make the necessary corrections and initialize the network again.

---

**ITP1299I**  OPERAND VALUE MUST BE ON OR OFF

**Explanation:** The value for this operand must be ON or OFF.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the error and submit the network again for syntax checking.

---

**ITP1300I**  ONLY FIVE PS SETS ALLOWED ON A DBCS DEV

**Explanation:** The PS= operand is coded with more than five Programmed Symbol character sets defined and DBCS=YES is also coded.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the error and submit the network again for syntax checking.

---

**ITP1302I**  BLKSIZE OR LRECL INVALID FOR RATE FILE

**Explanation:** The block size and logical record length parameters of the data set member that is defined by the RATE statement are not the same.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the error and submit the network again for syntax checking.

---

**ITP1303I**  I/O ERROR OCCURRED WHILE READING RATE FILE

**Explanation:** An I/O error occurs while reading from the data set specified by the RATEDD DD statement.

**System action:** The error pointer points to the member name of the data set being processed.

**User response:** Check the RATEDD DD statement for errors.

---

**ITP1304I**  IUTI (ON NTWRK STATEMENT) SPECIFIES UNDEFINED UTI

**Explanation:** IUTI is specified on the NTWRK statement, but is not defined with a UTI statement.

**System action:** The system marks this statement as an error and continues processing.

**User response:** Check the value coded for IUTI on the NTWRK statement. If it is correct, then create a UTI
statement to define it. Otherwise, correct the IUTI operand to reference an existing UTI statement.

**ITP1307I** DATA IN DELIMITERS MUST FOLLOW KEYWORD

**Explanation:** The data following this keyword must be enclosed in delimiters. A keyword was entered that requires the data following it to be enclosed by parentheses and separated by commas, or, for statements in message generation decks, by the text delimiter specified on the MSGTXT statement. Either the beginning or ending delimiter, parenthesis, or positional comma was not found.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Check the MSGTXT statement to see whether a text delimiter other than parentheses is defined.

**ITP1308I** INVALID OR UNDEFINED PATH STATEMENT REFERENCED

**Explanation:** The name specified in the PATH operand of a network configuration statement refers to an undefined PATH statement.

**System action:** The system reports the error and continues processing.

**User response:** Correct the error and submit the network again for syntax checking.

**ITP1310I** INVALID DATA IN NAME SPECIFIED

**Explanation:** A message generation deck statement label is detected that contained at least one invalid character. An invalid character is any character other than A through Z, 0 through 9, @, #, and $.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the error and submit the network again for syntax checking.

**ITP1311I** DUPLICATE LABELS FOUND

**Explanation:** Two identical labels are found in the message generation deck.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the error and submit the network again for syntax checking.

**ITP1313I** INVALID OR UNDEFINED UTBL STATEMENT REFERENCED

**Explanation:** In processing a UTBL data field option in a message generation deck statement data field, the ID field specified an undefined UTBL statement.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the error and submit the network again for syntax checking.

**ITP1314I** INVALID QUOTE OR DELIMITER IN DATA STREAM

**Explanation:** A quote or text delimiter is found in the data field being processed.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Make sure that all quotes or text delimiters are paired when entered as data.

**ITP1316I** INPUT PROCESSING SUSPENDED

**Explanation:** Statement processing is suspended as a result of errors detected.

**System action:** Statement processing ends.

**User response:** Correct the flagged errors and run the initiator again.

**ITP1317I** INPUT PROCESSING RESUMED

**Explanation:** Statement processing resumes.

**System action:** Statement processing resumes.

**User response:** None.

**ITP1321I** UNEQUAL NUMBER OF ENTRIES ON PATH AND DIST STMTS

**Explanation:** A DIST statement does not have the same number of entries as the corresponding PATH statement.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the error and submit the network again for syntax checking.
network again for syntax checking.

**ITP1323I** SPECIFIED WEIGHTS TOTAL ZERO OR MORE THAN MAXIMUM

**Explanation:** The total of all the weights specified on the DIST or UDIST statement equals zero or more than the maximum allowed. The maximum for DIST is 65535. The maximum for UDIST is 9999.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Make sure the total of all the weights specified on the DIST or UDIST statement is from 1 to the appropriate maximum.

**ITP1324I** DECK NAMES MUST ALL PRECEDE OR ALL FOLLOW KEYWORD

**Explanation:** The CYCLIC operand is coded on a PATH statement but is not the first or last operand coded.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the error and submit the network again for syntax checking.

**ITP1325I** TEXT OPERAND VALUE ON IF STATEMENT EXCEEDS MAXIMUM

**Explanation:** An IF statement contains a numeric value for the TEXT operand that exceeds the maximum value for the counter specified on the LOC or LOCTEXT operand.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the error and submit the network again for syntax checking.

**ITP1326I** DISPLAY OPERAND (row,col) PRODUCT EXCEEDS MAXIMUM

**Explanation:** The maximum display size for a 3270 device is 16384. The product of row and col exceeds that size.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the error and submit the network again for syntax checking.

**ITP1329I** NUMBER OF MODEENT STATEMENTS EXCEEDS MAXIMUM

**Explanation:** More than 100 MODEENT statements are entered following the current MODETAB statement.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the error and submit the network again for syntax checking.

**ITP1339I** INVALID STLMEM MEMBER - member_name

**Explanation:** The member_name specified on the STLMEM operand of an MSGTXT statement was the name of an MSGDD data set member that cannot be interpreted by the STLTRACE facility. This is probably due to one of the following reasons:

1. The name specified on the STL PROGRAM execution parameter or @PROGRAM control statement was also used as the label name on an MSGTXT or MSGUTBL statement in another STL program (or WSim script). This can result in the STL statement correlator member (identified by the STL PROGRAM name) being replaced in the MSGDD data set by the MSGTXT or MSGUTBL member by the same name.

2. The STL statement correlator member of the MSGDD data set is modified since its creation by the STL Translator.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** If the previous reason 1 is the cause of the error, a different program name can be specified on the STL PROGRAM execution parameter or @PROGRAM control statement for the STL program which generated the STLMEM operand causing this error. The STL program must then be retranslated. Alternatively, the matching label name on the conflicting MSGTXT or MSGUTBL statement can be changed to a unique value. In this case, both programs (that is, the one which generated the STLMEM operand and the one containing the changed label name) must be retranslated.

If the previous reason 2 is the cause of the error, retranslate the STL program that generated the STLMEM operand that caused the error.

**Attention:** Do not try to edit or modify the STL statement correlator member of the MSGDD data set created by the STL Translator.

**ITP1340I** INVALID OR UNDEFINED UDIST STATEMENT REFERENCED

**Explanation:** A UTBL text special option references a numbered UDIST statement that is not previously defined in the network or that itself contained an error.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the error and submit the network again for syntax checking.
ITP1341I INCONSISTENT USE OF EXITS
Explanation: Exit types are incompatible.
System action: The system marks this statement as an error and continues processing the next statement.
User response: Correct the error and submit the network again for syntax checking.

ITP1345I INVALID DSORG FOR MSGDISK DATA SET
Explanation: The DD statement identified by the DDNAME operand on an MSGDISK definition statement specified a DSORG other than DA or PS.
System action: The system marks this statement as an error and continues processing the next statement.
User response: Correct the error and submit the network again for syntax checking.

ITP1346I DATA SET IN USE IN ANOTHER ACTIVE NETWORK
Explanation: The DD statement identified by the DDNAME operand on an MSGDISK definition statement specifies the same data set as one being used by another initialized network.
System action: The system marks this statement as an error and continues processing the next statement.
User response: Correct the error and submit the network again for syntax checking.

ITP1347I OUTPUT FORMAT COMMAND INVALID
Explanation: The format command used on the preprocessor input is invalid. It must be %EJECT, %SPACE, %SPACE 1, or %SPACE 2.
System action: Processing ends.
User response: Correct the error and run the preprocessor again.

ITP1348I NUMBER SPECIFIED ON OUTPUT FORMAT COMMAND INVALID
Explanation: The format command used on the preprocessor input has an invalid value. The values of 1 is valid on the %SPACE statement to skip one space, and the values of 2 is valid on the %SPACE statement to skip two spaces. No value is required for the %SPACE or %EJECT statements.
System action: Processing ends.
User response: Correct the error and run the preprocessor again.

ITP1350I PATH SPECIFIED ON NTWRK STATEMENT NOT DEFINED
Explanation: The PATH specified for the PATH operand of the NTWRK statement is not defined with a PATH statement.
System action: This error message follows the PATH definitions and processing continues with the next statement.
User response: Correct the error and submit the network again for syntax checking.

ITP1351I UASIZE REQUIRED IF CHARACTER CELL SIZE IS VARIABLE
Explanation: The UASIZE operand is required in cases where CCSIZE=(0,0) is coded.
System action: The system marks this statement as an error and continues processing the next statement.
User response: Specify UASIZE=(w,h) for the device or change the character cell size to a fixed size, CCSIZE=(x,y).

ITP1353I UTI SPECIFIED BY IUTI OPERAND IS UNDEFINED
Explanation: The value specified by the IUTI operand is not previously defined with a UTI statement.
System action: The system marks this statement as an error and continues processing.
User response: Check the value coded for IUTI. If it is correct, then create a UTI statement to define it. Otherwise, correct the IUTI operand to reference an existing UTI statement.

ITP1366I VARIABLE EVENT NAME NOT VALID ON FE STATEMENT
Explanation: The event name on the EVENT operand of the FE statement was specified as s+n, Ns+n, Un+n, or N±n. Variable event names are not allowed on the FE statement.
System action: The system marks this statement as an error and continues processing the next statement.
User response: Code the event name as an alphanumeric name.

ITP1373I DUPLICATE UTI NAME DETECTED
Explanation: More than one UTI statement is coded with the same value in the name field.
System action: The system marks this statement as an error and continues processing.
User response: Specify a unique name for each UTI statement.
ITP1375I  UTI SPECIFIED IS UNDEFINED

**Explanation:** The value specified on the SETUTI statement is not defined in the network configuration section of this network.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Check the value coded for UTI. If it is correct, then create a UTI statement to define it. Otherwise, correct the UTI operand to reference an existing UTI statement.

ITP1382I  STLMEM IS DUPLICATE OF EARLIER MSGTXT OR MSGUTBL

**Explanation:** The member name specified on the STLMEM operand of a WSim MSGTXT statement is the same as the label name on an MSGTXT or MSGUTBL statement also referenced by the WSim network being preprocessed or initialized. The STLMEM operand value was generated by the STL Translator and was specified on the STL PROGRAM execution parameter or @PROGRAM control statement. It specifies the name of the MSGDD data set member that contains STL statement correlator records and is used by the STLTRACE facility.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** A different program name must be specified on the STL PROGRAM execution parameter or @PROGRAM control statement, and the STL program that generated the errant MSGTXT statement must be translated again by the STL Translator. (Alternatively, a new label name can be used on the MSGTXT or MSGUTBL statement that contributed to the error.)

ITP1383I  DATASAVE FUNCTION NAME INVALID

**Explanation:** The DATASAVE statement has an invalid function name coded for the FUNCTION operand.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Code one of the valid function names: INSERT, DELETE, LEFT, RIGHT, BITAND, BITOR, BITXOR, B2X, CENTER, COPIES, DELWORD, OVERLAY, REVERSE, SPACE, STRIP, STRIPL, STRIPT, SUBWORD, X2B, or X2C.

ITP1384I  REQUIRED OPERANDS MISSING FOR DATASAVE FUNCTION

**Explanation:** The DATASAVE statement has a function name specified requiring operands that are not specified.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Refer to the description of the DATASAVE statement in WSim Script Guide and Reference and code the required operands for the function you specified.

ITP1385I  IUCV INITIALIZATION FAILURE

**Explanation:** The setup for the IUCV environment is not successful.

**System action:** WSim stops processing.

**User response:** See your system programmer about IUCV definition.

ITP1386I  POS OPERAND INVALID FOR DATASAVE FUNCTION

**Explanation:** The DATASAVE statement has zero coded for the POS operand with FUNCTION=DELETE, DELWORD, OVERLAY, or SUBWORD also coded or 32767 coded for the POS operand with FUNCTION=INSERT also coded.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Code the proper value for the POS operand.

ITP1388I  IP ADDRESS SPECIFIED IS INVALID

**Explanation:** An IP address in the network definition is syntactically incorrect.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Check the format of the dotted IP address.

ITP1389I  SERVER ADDRESS IS NOT SPECIFIED

**Explanation:** A DEV is coded in the network definition that has no server specified to which it can connect.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Ensure that a SERVADDR value is coded within the network providing the destination address.

ITP1390I  TCPIP IS NOT INITIALIZED

**Explanation:** TCP/IP is not available on the WSim host system.

**System action:** WSim marks all TCPIP statements as being in error and flushes the following DEV statements.

**User response:** Check to be sure the IBM MVS
TCP/IP Product is installed and started.

**ITP1391I**  
CPI-C VERB PARAMETER SPECIFICATION INVALID

**Explanation:** The CPI-C verb parameter at or near the indicated column is specified incorrectly.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the CPI-C verb parameter specification. Input parameters that are character data must be specified using the save area number, a save area reference of the form Sx, or the recall data field option. Input parameters that are numeric data must be specified as network, line, term, or device counter references of the form NCx, LCx, TCx, or DCx. Output parameters must be specified using the save area number or a save area reference of the form Sx (for character data), or a device counter reference of the form DCx (for numeric data). Refer to the message generation statement descriptions in the (*WSim Script Guide and Reference*) for more information about specifying CPI-C verbs in the WSim scripting language.

**ITP1392I**  
TOTAL CONTENTION WINNERS EXCEEDS SESSION LIMIT

**Explanation:** The total contention winners specified on the CNOS operand of an APPCLU network definition statement exceed the defined session limit. The total of the values specified for the CWL and CWP parameters cannot exceed the value specified for the SESSIONS parameter.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Specify values for the SESSIONS, CWL, and CWP parameters such that the total of the CWL and CWP values doesn’t exceed the SESSIONS value.

**ITP1393I**  
DUPLICATE DATA SPECIFIED BY CNOS OPERAND

**Explanation:** Duplicate data was specified in the CNOS operand of an APPCLU statement. Either an LUNAME/MODENAME combination is specified more than once, or a keyword was duplicated in a particular CNOS specification. The LUNAME/MODENAME combination must be unique within this operand, and each keyword can only be specified once for each CNOS specification.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Remove the duplicate specification and initialize the network again.

**ITP1394I**  
THE APPC LU APPLID MUST BE UNIQUE IN WSim

**Explanation:** An APPLID name on the APPCLU statement must not duplicate a value specified on another APPCLU statement within the WSim simulation. The name indicated is specified on another APPCLU statement in this network, or another network within this simulation.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Make the operand unique and initialize the network again.

**ITP1395I**  
THE TP NAME/TP TYPE MUST BE UNIQUE IN THE APPC LU

**Explanation:** The combination of TPNAME and TPTYPE operands on the TP statement must not duplicate another TPNAME and TPTYPE combination specified on another TP statement under the same APPCLU statement. It is legitimate to specify the same TP name as both a client and a server on the same APPCLU. However, the same TP name might not be specified multiple times as a server on the same APPCLU (and similarly for clients).

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Make the combination of operands unique and initialize the network again.

**ITP1396I**  
DUPLICATE DATA SPECIFIED BY SIDEINFO OPERAND

**Explanation:** Duplicate data was specified in the SIDEINFO operand of an APPCLU statement. Either a DESTNAME was specified more than once, or a keyword was duplicated in a particular SIDEINFO specification. The DESTNAME must be unique within this operand, and each keyword might only be specified once for each SIDEINFO specification.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Remove the duplicate specification and initialize the network again.

**ITP1397I**  
DUPLICATE DESTINATION NAME IN SIDEINFO TABLE

**Explanation:** A duplicate destination name is specified on a SIDEENT statement in the network-wide side information table definition. The destination names in the network-wide table must be unique.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Remove the duplicate destination
name and initialize the network again.

Interactive Data Capture Utility (ITPIDC) messages (1500 - 1599)

This section describes the messages that you might encounter when using the Interactive Data Capture (IDC) utility program (ITPIDC).

ITP1500E  \textit{hh:mm:ss.th} ENTER 'END' TO CLOSE DOWN WSim INTERACTIVE DATA CAPTURE UTILITY

\textbf{Explanation:} This message is issued when ITPIDC is started under TSO or MVS as a batch job and NOWTOR is not specified.

\textbf{System action:} Processing continues.

\textbf{User response:} Enter “END” when you are ready to close down ITPIDC.

ITP1501I  WSim VERSION 1, RELEASE 1.0, INTERACTIVE DATA CAPTURE UTILITY

\textbf{Explanation:} This message is issued when ITPIDC is started.

\textbf{System action:} Processing continues.

\textbf{User response:} None.

ITP1502I  INITIALIZATION COMPLETE USING APPLID name

\textbf{Explanation:} This message is issued when ITPIDC is ready to accept logons. \textit{name} is the user’s logon APPLID.

\textbf{System action:} Processing continues.

\textbf{User response:} Log on to \textit{name} when you are ready to use IDC.

ITP1504I  INVALID EXECUTION PARAMETER SPECIFIED

\textbf{Explanation:} This message is issued when an invalid execution parameter is detected.

\textbf{System action:} ITPIDC closes down after issuing this message.

\textbf{User response:} Check the ITPIDC execution parameters.

ITP1505I  WSim INTERACTIVE DATA CAPTURE UTILITY IS CLOSED DOWN

\textbf{Explanation:} This message is issued when ITPIDC closed down.

\textbf{System action:} None.

\textbf{User response:} None.

ITP1506I  INSUFFICIENT STORAGE AVAILABLE TO INITIALIZE ITPIDC

\textbf{Explanation:} This message is issued when there is insufficient storage available to initialize ITPIDC.

\textbf{System action:} ITPIDC closes down after issuing this message.

\textbf{User response:} Increase the storage available to ITPIDC. Increase the region size parameter on the EXEC or CALL statement used to invoke ITPIDC.

ITP1507I  SESSION STARTED WITH \{DISPLAY³APPLICATION\} name

\textbf{Explanation:} This message is issued when a session starts with a display or application program. \textit{name} is the VTAM network name of the display or application program.

\textbf{System action:} Processing continues.

\textbf{User response:} None.

ITP1508I  SESSION ENDED WITH \{DISPLAY³APPLICATION\} name

\textbf{Explanation:} This message is issued when a session ends with a display or application program. \textit{name} is the VTAM network name of the display or application program.

\textbf{System action:} Processing continues.

\textbf{User response:} None.

ITP1509I  UNABLE TO ESTABLISH SESSION WITH \{DISPLAY³APPLICATION\} name

\textbf{Explanation:} This message is issued when ITPIDC is unable to establish a session with a display or application program. ITPIDC issues other messages describing the cause of the error.

\textbf{System action:} Processing continues.

\textbf{User response:} Use the information from the other messages to correct the error.

ITP1510I  VTAM request_name ERROR - RTNCD=nn FDBK2=nn SENSE=nnnnnnnn - error_description

\textbf{Explanation:} This message is issued when a VTAM request error occurs. The message contains return code and sense information from the RPL and a brief description of the error. For more information about the
return codes and sense fields for VTAM requests, consult *ACF/VTAM Programming*.

**System action:** Processing continues.

**User response:** Use the provided information to correct the error.

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**ITP1511I BIND FROM application_name REJECTED, BIND IMAGES DIFFERENT, BIND OFFSET=xx EXPECTED=xx RECEIVED=xx**

**Explanation:** This message is issued when ITPIDC rejects the BIND from *application_name*. The BIND is rejected because the BIND from the application is incompatible with the BIND used to establish the session between ITPIDC and the display. If the TSOCON execution parameter is specified, the BIND is rejected because the BIND from the application is incompatible with the ITPIDC internally generated default BIND. The message issued reflects the incorrect data, the expected value, and the received value in hexadecimal form. For information on BIND requests, consult *ACF/VTAM Programming*.

**System action:** Processing continues.

**User response:** Use the provided information to correct the error.

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**ITP1512I VTAM SHUTDOWN SIGNALED**

**Explanation:** This message is issued when VTAM schedules the TPEND exit.

**System action:** ITPIDC closes down after issuing this message.

**User response:** None.

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**ITP1513I NOTIFY RECEIVED - REASON=nn SENSE=nnnnnnn**

**Explanation:** This message is issued when a Network Services NOTIFY request is received from VTAM. The reason and sense codes from the request are included in the message. For more information about the interpretation of the reason and sense code, refer to *ACF/VTAM Programming* for an explanation of the Network Services NOTIFY request.

**System action:** Processing continues.

**User response:** Use the provided information to correct the error. You can be trying to establish a session with an application that is already at its session limit. A sense code of 08010000 indicates that the application rejected the BIND request, possibly due to an invalid LU name or logmode.

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**ITP1514I CAPTURING DATA [STARTED*STOPPED]**

**Explanation:** This message is logged to indicate when data capture is started and stopped.

**System action:** Processing continues.

**User response:** None.

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**ITP1515I ERROR WRITING TO {TRACE*IDC} LOG DATA SET**

**Explanation:** This message is issued when an error occurs writing to the IDC trace or IDC log data set.

**System action:** The host application program session is stopped when the error occurs writing to the IDC log data set.

**User response:** The data set might require extra space allocation.

---

**ITP1516I DATA RECEIVED FROM {DISPLAY*APPLICATION} name TOO LARGE TO PROCESS**

**Explanation:** This message is issued when ITPIDC receives a message too large to process. The maximum RU size that ITPIDC can handle is 32000 bytes. If the TSOCON execution parameter is specified, the maximum length of the 3270 data stream that the application program can include in a single SNA chain is 32000 bytes and the maximum length of the 3270 data stream that can be received from the 3270 terminal is 32000 bytes.

**System action:** ITPIDC closes down after issuing this message.

**User response:** Analyze the IDC trace log data set to resolve the error.

---

**ITP1517I SESSION CONTROL ERROR WITH {DISPLAY*APPLICATION} name**

**Explanation:** This message is issued when ITPIDC encounters a session control error from which it cannot recover.

**System action:** ITPIDC closes down after issuing this message.

**User response:** Analyze the IDC trace log data set to resolve the error.

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**ITP1518I UNSUPPORTED {STRUCTURED FIELD*AID KEY VALUE*PARTITION ID} RECEIVED FROM {DISPLAY*APPLICATION} name**

**Explanation:** This message is issued when ITPIDC receives a 3270 data stream from either the display or the application that specifies 3270 functions not
supported by WSim. Refer to WSim Utilities Guide for more information about 3270 functions supported by ITPIDC and WSim.

System action: The host application program session is stopped.

User response: Analyze the IDC trace log data set to resolve the error.

ITP1519I  ERROR UPDATING HOST SCREEN IMAGE WITH DATA RECEIVED FROM {DISPLAY³APPLICATION} name

Explanation: This message is issued when ITPIDC encounters an error updating the host screen image with received data. This typically indicates a 3270 data stream error.

System action: The host application program session is stopped.

User response: Analyze the IDC trace log data set to resolve the error.

ITP1520I  LOST TERMINAL SIGNALED FOR {DISPLAY³APPLICATION} name REASON CODE = nn

Explanation: This message is issued when ITPIDC receives notification via the VTAM lost terminal exit that the session must be ended. Refer to ACF/VTAM Programming for an interpretation of the reason code.

System action: The session is stopped.

User response: Analyze the IDC trace log data set to resolve the error.

ITP1521I  UNEXPECTED {EXCEPTION RESPONSE³EXCEPTION REQUEST³DATA STREAM} RECEIVED FROM {DISPLAY³APPLICATION} name WHILE IN CURRENT STATE

Explanation: This message is issued when ITPIDC receives a flow that is inconsistent with or unrecoverable while in the current state.

System action: The host application program session is stopped.

User response: Analyze the IDC trace log data set to resolve the error.

ITP1522I  INVALID DEFAULT FILE

Explanation: This message is issued when an invalid default file is used.

System action: Processing continues, but no default file is used.

User response: New defaults need to be saved in the default file.

ITP1523I  OPEN FAILED FOR SYSPRINT DATA SET

Explanation: This message is issued when ITPIDC is unable to open the SYSPRINT data set.

System action: Processing continues.

User response: Check the specification of the SYSPRINT DD statement.

ITP1524I  LOGON FROM display_name REJECTED, UNSUPPORTED BIND IMAGE RECEIVED

Explanation: This message is issued when a logon request is rejected by ITPIDC.

System action: Processing continues.

User response: For an LU type 2 BIND, the following parameters must be set:
- FM profile 3
- TS profile 3
- PLU able to send chained data
- PLU able to request definite response
- Brackets used
- Half-duplex flip-flop
- Maximum RU size at least 256 and less than 32000 or 0 (undefined - no maximum value).

For an LU type 0 BIND, the following parameters must be set:
- FM profile 2
- TS profile 2
- PLU able to request definite response
- Either brackets used with full-duplex or brackets not used
- Maximum RU size at least 256 and less than 32000 or 0 (undefined - no maximum value).

ITP1525I  LOGON FROM display_name REJECTED, TERMINAL SESSION ALREADY ACTIVE

Explanation: This message is issued when a logon request is received by ITPIDC and a terminal session is already active. ITPIDC can support a single user only at a time.

System action: Processing continues.

User response: Wait until the current terminal session ends or open a second copy of ITPIDC.

ITP1526I  INVALID COMMAND, ENTER 'END' OR MVS STOP COMMAND TO CLOSE DOWN IDC

Explanation: This message is issued when an invalid command is entered.
System action: Processing continues.

User response: Enter the MVS modify (F) "END" or stop (P) command when you are ready to close down ITPIDC.

ITP1527I [OPEN*CLOSE] ACB FAILURE USING APPLID name - RETURN CODE=rc ERROR FIELD=ef - error_description

Explanation: This message is issued when ITPIDC attempts to open or close the ACB for APPLID name and an error occurs. The return code rc and error field ef from the OPEN or CLOSE is provided along with a description of the error condition. For more information about the interpretation of the return code and error field, refer to ACF/VTAM Programming for an explanation of the OPEN or CLOSE macro.

System action: ITPIDC closes down after issuing this message.

User response: Use the provided information to correct the error.

ITP1528I TSO MACRO name FAILED WITH RETURN CODE nn

Explanation: This message is issued when the TSOCON parameter is specified and ITPIDC is using the TSO console for all online I/O. One of the TSO macros used to perform the I/O activity failed with the return code nn. For more information about the interpretation of the return code, refer to TSO Extensions Guide to Writing a Terminal Monitor Program or Command Processor.

System action: ITPIDC closes down after issuing this message.

User response: Use the provided information to correct the error.

ITP1529I BIND FROM application_name REJECTED, BIND IS INVALID, BIND OFFSET=xx, BIND DATA=xx

Explanation: This message is issued when ITPIDC rejects the BIND from application_name because it is invalid. The hexadecimal offset of the incorrect data and the BIND data at this offset are included in the message. For more information about BIND requests, refer to VTAM Programming.

System action: The host application program session is stopped.

User response: Use the provided information to correct the error. For an LU type 2 BIND, the following parameters must be set:

- FM profile 3
- TS profile 3
- BIND type: nonnegotiable
- PLU can send end bracket
- PLU can ask for definite or exception response
- Multiple RU chains allowed
- Brackets used and the bracket state managers' reset states are BETB
- Bracket termination rule 1 (conditional termination)
- Half-duplex flip-flop
- No cryptography options allowed
- The screen size must match the device if dynamic or extended screen size is specified.

For an LU type 0 BIND, the following parameters must be set:

- FM profile 2
- TS profile 2
- BIND type: nonnegotiable
- PLU can ask for definite or exception response
- Request control mode: delayed request mode
- The screen size must match the device if dynamic or extended screen size is specified.

If parameters are specified in addition to the preceding parameters for LU type 2 or LU type 0, ITPIDC might reject the BIND.

Log Script Generator Utility (ITPLSGEN) messages (1600 - 1699)

This section describes the messages that you might encounter when using the Log Script Generator (LSGEN) utility program (ITPLSGEN).

ITP1601I ENTER ITPLSGEN COMMANDS

Explanation: This message is issued when ITPLSGEN is invoked with the CONSOLE execution parameter.

System action: ITPLSGEN waits for a command to be entered at the console.

User response: Enter ITPLSGEN commands at the console. Enter "END" when you are ready to close down ITPLSGEN.

ITP1602I OPEN FAILED FOR SYSPRINT DATA SET

Explanation: This message is issued when ITPLSGEN is unable to open the SYSPRINT data set.

System action: ITPLSGEN stops.

User response: Check the specification of the SYSPRINT DD and rerun ITPLSGEN.
ITP1603I INVALID COMMAND ENTERED

Explanation: This message is issued when ITPLSGEN detects an invalid command at the console or in the SYSIN DD data set.

System action: ITPLSGEN ignores the invalid command and continues processing the next command.

User response: If you are entering commands at the console, re-enter the command correctly. If the commands are being read from the SYSIN data set, correct the command and rerun ITPLSGEN.

ITP1604I INVALID OPERAND ENTERED

Explanation: This message is issued when ITPLSGEN detects an invalid operand on a valid command.

System action: ITPLSGEN ignores the invalid command and continues processing the next command.

User response: If you are entering commands at the console, re-enter the command correctly. If the commands are being read from the SYSIN data set, correct the command and rerun ITPLSGEN.

ITP1605I NO OPERANDS FOUND WITH COMMAND

Explanation: This message is issued when ITPLSGEN detects a command without the required operands. The MSGTXT, INPUT, OUTPUT, LU, and VERIFY commands require operands.

System action: ITPLSGEN ignores the invalid command and continues processing the next command.

User response: If you are entering commands at the console, re-enter the command correctly. If the commands are being read from the SYSIN data set, correct the command and rerun ITPLSGEN.

ITP1606I READ I/O FAILED FOR SYSIN DATA SET

Explanation: This message is issued when ITPLSGEN detects an error reading from the SYSIN data set.

System action: ITPLSGEN closes down after issuing this message.

User response: Check for valid 80 byte records in the SYSIN data set.

ITP1607I ALL THE REQUIRED COMMANDS WERE NOT SPECIFIED

Explanation: This message is issued when a RUN command is entered before all the required commands are entered. The MSGTXT, INPUT, and OUTPUT commands must be entered before each RUN.

System action: ITPLSGEN ignores the RUN command and continues processing the next command.

User response: If you are entering commands at the console, enter the missing commands, followed by the RUN command. If the commands are being read from the SYSIN data set, add the missing commands and rerun ITPLSGEN.

ITP1608I INVALID OPERAND VALUE ENTERED

Explanation: This message is issued when ITPLSGEN detects an invalid operand value. One of the following events can cause this message to be issued:

- A numeric value is too large, too small, or missing.
- A numeric value is expected and a non-numeric value is entered.
- The value entered is not one of the expected values.

System action: ITPLSGEN ignores the invalid command and continues processing the next command.

User response: If you are entering commands at the console, re-enter the command correctly. If the commands are being read from the SYSIN data set, correct the command and rerun ITPLSGEN.

ITP1609I INVALID COMMAND OPERAND LENGTH

Explanation: This message is issued when ITPLSGEN detects a command without the required operands. The MSGTXT, INPUT, OUTPUT, LU, and VERIFY commands require operands.

System action: ITPLSGEN ignores the invalid command and continues processing the next command.

User response: If you are entering commands at the console, re-enter the command correctly. If the commands are being read from the SYSIN data set, correct the command and rerun ITPLSGEN.

ITP1610I INVALID OPERAND VALUE LENGTH

Explanation: This message is issued when ITPLSGEN detects an operand value that is too long, too short, or missing.

System action: ITPLSGEN ignores the invalid command and continues processing the next command.

User response: If you are entering commands at the console, re-enter the command correctly. If the commands are being read from the SYSIN data set, correct the command and rerun ITPLSGEN.

ITP1611I OPERAND SPECIFIED MORE THAN ONCE

Explanation: This message is issued when ITPLSGEN detects the same operand specified more than once on a valid ITPLSGEN command.

System action: ITPLSGEN ignores the invalid
command and continues processing the next command.

**User response:** If you are entering commands at the console, re-enter the command correctly. If the commands are being read from the SYSIN data set, correct the command and rerun ITPLSGEN.

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**ITP1612I** MAXIMUM NUMBER OF OPERANDS EXCEEDED

**Explanation:** This message is issued when ITPLSGEN detects a command with too many operands.

**System action:** ITPLSGEN ignores the invalid command and continues processing the next command.

**User response:** If you are entering commands at the console, re-enter the command correctly. If the commands are being read from the SYSIN data set, correct the command and rerun ITPLSGEN.

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**ITP1613I** MISSING OPERAND VALUE

**Explanation:** This message is issued when ITPLSGEN detects a keyword operand without a value.

**System action:** ITPLSGEN ignores the invalid command and continues processing the next command.

**User response:** If you are entering commands at the console, re-enter the command correctly. If the commands are being read from the SYSIN data set, correct the command and rerun ITPLSGEN.

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**ITP1614I** ALL THE REQUIRED OPERANDS WERE NOT SPECIFIED

**Explanation:** This message is issued when ITPLSGEN is processing a valid command that is missing one or more keyword operands and their values. Specifically, VERIFY requires ROW, COLUMN, and LENGTH operands to all be entered.

**System action:** ITPLSGEN ignores the invalid command and continues processing the next command.

**User response:** If you are entering commands at the console, re-enter the command correctly. If the commands are being read from the SYSIN data set, correct the command and rerun ITPLSGEN.

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**ITP1615I** INVALID LU SESSION NUMBER

**Explanation:** This message is issued when ITPLSGEN detects an invalid session number that is appended to the resource name operand of an LU command. The session number must be 1 - 5 numeric digits.

**System action:** ITPLSGEN ignores the invalid command and continues processing the next command.

**User response:** If you are entering commands at the console, re-enter the command correctly. If the commands are being read from the SYSIN data set, correct the command and rerun ITPLSGEN.

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**ITP1616I** INVALID PARAMETER FIELD ON EXEC CARD

**Explanation:** This message is issued when ITPLSGEN detects an invalid execution parameter.

**System action:** ITPLSGEN closes down after issuing this message.

**User response:** Correct the invalid execution parameter and rerun ITPLSGEN.

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**ITP1617I** NO COMMANDS SPECIFIED

**Explanation:** This message is issued when ITPLSGEN reads a blank record from the SYSIN data set or the user enters a null in response to the command prompt.

**System action:** ITPLSGEN continues processing the next command.

**User response:** Enter a valid ITPLSGEN command.

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**ITP1618I** INVALID COMMA PRECEDING OPERAND

**Explanation:** This message is issued when ITPLSGEN detects a command with a comma preceding the first operand.

**System action:** ITPLSGEN ignores the invalid command and continues processing the next command.

**User response:** If you are entering commands at the console, re-enter the command correctly. If the commands are being read from the SYSIN data set, correct the command and rerun ITPLSGEN.

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**ITP1650I** GENERATED SCRIPT WRITTEN TO OUTPUT DATA SET[, MEMBER name]

**Explanation:** This informational message is issued when an STL program or WSim message generation deck is generated by ITPIDC or ITPLSGEN. If the output data set is partitioned, the member name is indicated.

**System action:** Processing continues.

**User response:** None.

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**ITP1651I** RECORDS MISSING FROM INPUT LOG DATA SET, SCRIPT GENERATED

**Explanation:** This message is issued when ITPIDC or ITPLSGEN detects that records are missing from the input IDC or WSim log data set. However, an STL program or WSim message generation deck was generated from the available records. Message ITP1650I follows.

**System action:** Processing continues.

**User response:** None. Beware that statements might
be missing in the generated script because of the missing records.

Note: This message is also issued when a WSim log data set contains “BEGINNING OF MSG GEN” log display records without a matching “END OF MSG GEN” log display record. This condition occurs when a simulated device enters message generation without generating a message. In this situation, the message can be ignored.

**ITP1652I** RECORDS MISSING FROM INPUT LOG DATA SET, UNABLE TO GENERATE SCRIPT

**Explanation:** This message is issued when ITPIDC or ITPLSGEN detects that records are missing from the input IDC or WSim log data set. An STL program or WSim message generation deck cannot be generated from the available records.

**System action:** No script is generated.

**User response:** Ensure that the correct IDC or WSim log data set is used as input for script generation.

**ITP1653I** NO RECORDS MATCHING LU NAME FOUND IN INPUT LOG DATA SET

**Explanation:** This message is issued when ITPIDC or ITPLSGEN is unable to find any records matching the LU name specified or defaulted in the input IDC or WSim log data set. An STL program or WSim message generation deck cannot be generated.

**System action:** No script is generated.

**User response:** Ensure that the correct IDC or WSim log data set is used as input for script generation. Also, ensure that the correct name is specified on the LU command.

**ITP1654I** NO DATA TO VERIFY USING ROW AND COLUMN SPECIFIED

**Explanation:** This message is issued when ITPIDC or ITPLSGEN is unable to generate panel verification logic because there is not any data to verify on the screens using the row and column values specified. An STL program or WSim message generation deck cannot be generated.

**System action:** No script is generated.

**User response:** Specify row and column values corresponding to data on the screen.

**ITP1655I** LOGIC ERROR WITH BEGIN AND END LOG DISPLAY RECORDS

**Explanation:** This message is issued when ITPIDC or ITPLSGEN detects an invalid log display record from the input IDC or WSim log data set. An STL program or WSim message generation deck cannot be generated.

**System action:** No script is generated.

**ITP1660I** INPUT LOG DATA SET NAME INVALID

**Explanation:** This message is issued when ITPIDC or ITPLSGEN detects an invalid input log data set name. An STL program or WSim message generation deck cannot be generated.

**System action:** No script is generated.

**User response:** Ensure that the correct IDC or WSim log data set is used as input for script generation.

**ITP1661I** INPUT LOG DATA SET NOT FOUND

**Explanation:** This message is issued when ITPIDC or ITPLSGEN is unable to find the input log data set. An STL program or WSim message generation deck cannot be generated.

**System action:** No script is generated.

**User response:** Ensure that the correct IDC or WSim log data set is used as input for script generation.

**ITP1662I** INPUT LOG DATA SET IN USE

**Explanation:** This message is issued when ITPIDC or ITPLSGEN is unable to dynamically allocate a DD statement for the input log data set because the data set is being used by another user or program. An STL program or WSim message generation deck cannot be generated.

**System action:** No script is generated.

**User response:** Ensure that the correct IDC or WSim log data set is used as input for script generation. Try the script generation again.

**ITP1663I** INPUT LOG DATA SET ALLOCATION ERROR, ERROR REASON CODE ******

**Explanation:** This message is issued by ITPIDC and ITPLSGEN when a DD statement cannot be dynamically allocated for the input IDC or WSim log data set.

The data set must be allocated, cataloged, and available for read access with disposition of share. ****** is the SVC 99 error reason code in hexadecimal. For more information about the error reason codes, consult MVS System Programming Library: System Macros and Facilities, SVC 99 Error Reason Codes.

An STL program or WSim message generation deck cannot be generated.

**System action:** No script is generated.
User response: Ensure that the correct IDC or WSim log data set is used as input for script generation.

**ITP1664I** INPUT LOG DATA SET SEQUENTIAL, MEMBER SPECIFICATION INVALID

Explanation: This message is issued when ITPIDC or ITPLSGEN detects an invalid input log data set name for a sequential data set. A member name cannot be specified for a sequential data set. An STL program or WSim message generation deck cannot be generated.

System action: No script is generated.

User response: Ensure that the correct IDC or WSim log data set is used as input for script generation.

**ITP1665I** INPUT LOG DATA SET PARTITIONED, MEMBER SPECIFICATION REQUIRED

Explanation: This message is issued when ITPIDC or ITPLSGEN detects an invalid input log data set name for a partitioned data set. A member name must be specified for a partitioned data set. An STL program or WSim message generation deck cannot be generated.

System action: No script is generated.

User response: Ensure that the correct IDC or WSim log data set is used as input for script generation.

**ITP1666I** INPUT LOG DATA SET MEMBER NOT FOUND

Explanation: This message is issued when ITPIDC or ITPLSGEN is unable to find the member specified in the IDC or WSim log data set. An STL program or WSim message generation deck cannot be generated.

System action: No script is generated.

User response: Ensure that the correct IDC or WSim log data set and member are used as input for script generation.

**ITP1667I** INPUT LOG DATA SET FORMAT INVALID

Explanation: This message is issued when ITPIDC or ITPLSGEN is unable to use the specified input log data set because the format of the records is invalid. The input log data set must contain variable blocked records. An STL program or WSim message generation deck cannot be generated.

System action: No script is generated.

User response: Ensure that the correct IDC or WSim log data set is used as input for script generation.

**ITP1668I** INPUT LOG DATA SET OPEN ERROR

Explanation: This message is issued when ITPIDC or ITPLSGEN is unable to open the input IDC or WSim log data set. An STL program or WSim message generation deck cannot be generated.

System action: No script is generated.

User response: Ensure that the correct IDC or WSim log data set is used as input for script generation.

**ITP1669I** INPUT LOG DATA SET READ ERROR

Explanation: This message is issued by ITPIDC and ITPLSGEN when an error occurs reading records from the input IDC or WSim log data set. An STL program or WSim message generation deck cannot be generated.

System action: No script is generated.

User response: Ensure that the correct IDC or WSim log data set is used as input for script generation.

**ITP1675I** OUTPUT DATA SET NAME INVALID

Explanation: This message is issued when ITPIDC or ITPLSGEN detects an invalid output data set name. An STL program or WSim message generation deck cannot be generated.

System action: No script is generated.

User response: Ensure that the correct output data set is used for script generation.

**ITP1676I** OUTPUT DATA SET NOT FOUND

Explanation: This message is issued when ITPIDC or ITPLSGEN is unable to find the output data set. An STL program or WSim message generation deck cannot be generated.

System action: No script is generated.

User response: Ensure that the correct output data set is used for script generation.

**ITP1677I** OUTPUT DATA SET IN USE

Explanation: This message is issued when ITPIDC or ITPLSGEN is unable to dynamically allocate a DD statement for the output data set because the data set is being used by another user or program. An STL program or WSim message generation deck cannot be generated.

System action: No script is generated.

User response: Ensure that the correct output data set is used for script generation. Try the script generation again.
ITP1678I  OUTPUT DATA SET ALLOCATION
ERROR, ERROR REASON CODE xxxx

Explanation: This message is issued by ITPIDC and ITPLSGEN when a DD statement cannot be
dynamically allocated for the output data set into
which the generated script is written.

The data set must be allocated, cataloged, and available
for write access with disposition of old. xxxx is the SVC
99 error reason code in hexadecimal. For more
information about the error reason codes, consult MVS
System Programming Library: System Macros and Facilities,
SVC 99 Error Reason Codes.

An STL program or WSim message generation deck
cannot be generated.

System action: No script is generated.
User response: Ensure that the correct output data set
is used for script generation.

ITP1679I  OUTPUT DATA SET SEQUENTIAL,
MEMBER SPECIFICATION INVALID

Explanation: This message is issued when ITPIDC or
ITPLSGEN detects an invalid output data set name for
a sequential data set. A member name cannot be
specified for a sequential data set. An STL program or
WSim message generation deck cannot be generated.

System action: No script is generated.
User response: Ensure that the correct output data set
is used for script generation.

ITP1680I  OUTPUT DATA SET FORMAT
INVALID

Explanation: This message is issued when ITPIDC or
ITPLSGEN is unable to use the specified output data set because the format of the records is invalid. The
output data set must be partitioned or sequential and
support fixed, variable, or variable blocked records. An
STL program or WSim message generation deck cannot
be generated.

System action: No script is generated.
User response: Ensure that the correct output data set
is used for script generation.

ITP1681I  OUTPUT DATA SET OPEN ERROR

Explanation: This message is issued when ITPIDC or
ITPLSGEN is unable to open the output data set. An STL program or WSim message generation deck cannot
be generated.

System action: No script is generated.
User response: Ensure that the correct output data set
is used for script generation.

ITP1682I  OUTPUT DATA SET WRITE ERROR

Explanation: This message is issued by ITPIDC and
ITPLSGEN when an error occurs writing the generated
script records into the output data set. An STL program
or WSim message generation deck cannot be generated.

System action: No script is generated.
User response: Ensure that the correct output data set
is used for script generation.

ITP1683I  OUTPUT DATA SET MEMBER STOW
ERROR

Explanation: This message is issued by ITPIDC and
ITPLSGEN when an error occurs saving the generated
STL program or WSim message generation deck as a
member in the output data set using a system STOW
command. An STL program or WSim message
generation deck cannot be generated.

System action: No script is generated.
User response: Ensure that the correct output data set
is used for script generation.

ITP1684I  WORK DATA SET OPEN ERROR

Explanation: This message is issued when ITPIDC or
ITPLSGEN is unable to open the SYSUT1 work data
set. An STL program or WSim message generation deck
cannot be generated.

System action: No script is generated.
User response: Ensure that the DD statement for the
SYSUT1 work data set is correct.

ITP1685I  WORK DATA SET WRITE ERROR

Explanation: This message is issued by ITPIDC and
ITPLSGEN when an error occurs writing into the
SYSUT1 work data set. An STL program or WSim
message generation deck cannot be generated.

System action: No script is generated.
User response: Ensure that the DD statement for the
SYSUT1 work data set is correct.

ITP1690I  WORK DATA SET READ ERROR

Explanation: This message is issued by ITPIDC and
ITPLSGEN when an error occurs reading from the
SYSUT1 work data set. An STL program or WSim
message generation deck cannot be generated.

System action: No script is generated.
User response: Ensure that the DD statement for the
SYSUT1 work data set is correct.
ITP1695I INSUFFICIENT STORAGE AVAILABLE TO GENERATE SCRIPT

Explanation: This message is issued by ITPIDC and ITPLSGEN when storage is not available. An STL program or WSim message generation deck cannot be generated.

ITP1801 SCREEN UPDATE ERROR IN NEXT RECORD

Explanation: The SNA 3270 Reformatter encountered an error when updating the screen image. The SNA data stream in the NPM log contains data that is not supported by WSim.

System action: An End Message Generation display record is not created on the WSim log and this session appears in the Ineligible Terminal Report.

User response: Make sure that the NPM log was not corrupted. If necessary, re-create the NPM log for this session and ensure that no unsupported functions are used in the new trace (refer to WSim Utilities Guide for details of functions that are supported by WSim). Make sure that you are using NPM V1 R4 or later to capture the NPM log.

ITP1802 TRUNCATED DATA IN NEXT RECORD

Explanation: The NPM log contains a record with truncated data.

System action: An End Message Generation display record is not created on the WSim log and this session appears in the Ineligible Terminal Report.

User response: Make sure that the NPM log was not corrupted. If necessary, re-create the NPM log for this session and ensure that there are no NPM warning or error messages. Make sure that you are using NPM V1 R4 or later to capture the NPM log.

ITP1803 UNSUPPORTED AID IN NEXT RECORD

Explanation: The NPM log contains a PIU with an AID that is not supported by WSim.

System action: An End Message Generation display record is not created on the WSim log and this session appears in the Ineligible Terminal Report.

User response: Make sure that the NPM log was not corrupted. If necessary, re-create the NPM log for this session and ensure that no unsupported functions are used in the new trace (refer to WSim Utilities Guide for details of functions that are supported by WSim). Make sure that you are using NPM V1 R4 or later to capture the NPM log.

ITP1804 MISSING CHAIN ELEMENT

Explanation: The NPM log contains a PIU that has a missing chain element.

System action: An End Message Generation display record is not created on the WSim log and this session appears in the Ineligible Terminal Report.

User response: Make sure that the NPM log was not corrupted. If necessary, re-create the NPM log for this session and ensure that there are no NPM warning or error messages. Make sure that you are using NPM V1 R4 or later to capture the NPM log.

ITP1805 MISSING SEGMENT

Explanation: The NPM log contains a PIU that has a missing segment.

System action: An End Message Generation display record is not created on the WSim log and this session appears in the Ineligible Terminal Report.

User response: Make sure that the NPM log was not corrupted. If necessary, re-create the NPM log for this session and ensure that there are no NPM warning or error messages. Make sure that you are using NPM V1 R4 or later to capture the NPM log.

ITP1806 BAD SBA BUFFER ADDRESS IN RU IN NEXT RECORD

Explanation: The NPM log contains a PIU that has an invalid SBA buffer address in the RU.

System action: An End Message Generation display record is not created on the WSim log and this session appears in the Ineligible Terminal Report.

User response: Make sure that the NPM log was not corrupted. If necessary, re-create the NPM log for this session and ensure that no unsupported functions are used in the new trace (refer to WSim Utilities Guide for details of functions that are supported by WSim). Make sure that you are using NPM V1 R4 or later to capture the NPM log.
TCP/IP trace and STL program generation messages (1900 - 1999)

This section describes the messages that you might encounter when you generate a TCP/IP data trace or an STL program from a TCP/IP trace.

**ITP1901I** ENTER ITPIPGEN COMMANDS

Explaination: This message is issued when ITPIPGEN 22 is invoked and commands are not provided through a 22 data set that is allocated to the SYSIN DD.

System action: ITPIPGEN waits for a command to be 22 entered at the console or the TSO screen.

User response: Enter ITPIPGEN commands at the 22 console. Enter END when you are ready to close down 22 ITPIPGEN.

**ITP1902I** OPEN FAILED FOR SYSPRINT DATA

Explaination: This message is issued when ITPIPTRX 11 is unable to open the SYSPRINT data set.

System action: ITPIPTRX stops.

User response: Check the specification of the 11 SYSPRINT DD and rerun ITPIPTRX.

**ITP1903I** LOAD OF PRINT MODULE ITPPUTM FAILED

Explaination: This message is issued when ITPIPTRX 11 is unable to load the load module ITPPUTM used to handle printing to SYSPRINT.

System action: ITPIPTRX stops.

User response: Ensure the WSim load module data set 11 is specified either:
11 • In the STEPLIB DD concatenation for a batch job.
11 • As the load library on the WSim System Defaults 11 panel when running the trace in TSO foreground.

**ITP1904I** LOAD OF TRACE I/O MODULE ITPRSQIO FAILED

Explaination: This message is issued when ITPIPTRX 11 is unable to load the load module ITPRSQIO used to handle I/O for the trace data set.

System action: ITPIPTRX stops.

User response: Ensure the WSim load module data set 11 is specified either:
11 • In the STEPLIB DD concatenation for a batch job.
11 • As the load library on the WSim System Defaults 11 panel when running the trace in TSO foreground.

**ITP1905I** INVALID SERVER PORT PARAMETER SPECIFIED

Explaination: The value specified for the PORT 11 parameter passed to ITPIPTRX was not numeric or had more than 5 digits.

System action: ITPIPTRX stops.

User response: Correct the value that is specified for 11 the PORT parameter.

**ITP1906I** INVALID CLIENT IP ADDRESS PARAMETER SPECIFIED

Explaination: The value specified for the IP parameter 11 passed to ITPIPTRX was not in the correct IPv4 or IPv6 format.

System action: ITPIPTRX stops.

User response: Correct the value that is specified for 11 the IP parameter.
ITP1910I ATTACH OF TCP/IP TRACE MODULE
ITPIPTRC FAILED

Explanation: This message is issued when ITPIPTRX is unable to successfully attach the load module ITPIPTRC used to handle requests to the real-time application controlled TCP/IP trace Network Management Interface.

System action: ITPIPTRX stops.

User response: Ensure the WSim load module data set is specified either:
- In the STEPLIB DD concatenation for a batch job.
- As the load library on the WSim System Defaults panel when running the trace in TSO foreground.

ITP1911I OPEN OF THE WSim LOAD LIBRARY AS A TASK LIBRARY FAILED

Explanation: This message is issued when ITPIPTRX is running in TSO foreground and is unable to successfully open the WSim load module data set to be used as a task library during trace processing.

System action: ITPIPTRX stops.

User response: Ensure the WSim load module data set is specified as the load library on the WSim System Defaults panel.

ITP1912I CREATION OF A NAME/TOKEN FOR THIS TRACE INSTANCE FAILED WITH RE-TURN CODE nnnnn

Explanation: When running in TSO foreground, ITPIPTRX calls IEANTCR to create a name/token used to save information about the status of the TCP/IP trace. The call failed with return code nnnnn.

System action: ITPIPTRX stops.

User response: Log off TSO, then log back in to TSO and retry the trace. If the problem persists, report the return code to your z/OS system programmer.

ITP1913I NEW TCP/IP TRACE CANNOT BE STARTED - A TRACE IS CURRENTLY ACTIVE FOR THIS TSO/ISPF USER

Explanation: When running in TSO foreground, ITPIPTRX could not initiate a TCP/IP trace because there was already a TCP/IP trace active for the TSO user ID.

System action: ITPIPTRX stops.

User response: Log off TSO, then log back in to TSO and retry the trace. If the problem persists, report it to your z/OS system programmer.

ITP1914I A TRACE OUTPUT DATA SET HAS NOT BEEN ALLOCATED TO THE TCPTRACE DD

Explanation: The output data set used by ITPIPTRX to save the TCP/IP trace records was not allocated to the TCPTRACE DD.

System action: ITPIPTRX stops.

User response: Correct the JCL or REXX/CLIST to ensure that the output trace data set is allocated to the TCPTRACE DD.

ITP1915I AN INVALID DATA SET TYPE HAS BEEN ALLOCATED TO THE TCPTRACE DD

Explanation: The output data set allocated to the TCPTRACE DD and used by ITPIPTRX to save the TCP/IP trace records is not a sequential data set.

System action: ITPIPTRX stops.

User response: Correct the JCL or REXX/CLIST to ensure that a sequential data set is allocated to the TCPTRACE DD.

ITP1916I A DATA SET CONCATENATION IS INVALID FOR THE TCPTRACE DD

Explanation: A data set concatenation is invalidly specified for the TCPTRACE DD used by ITPIPTRX to write out the TCP/IP trace records.

System action: ITPIPTRX stops.

User response: Correct the JCL or REXX/CLIST to ensure that a concatenation is not specified for the TCPTRACE DD.

ITP1917I TCP/IP DATA TRACE TASK FAILED TO PROCESS THE TRACE REQUEST

Explanation: Module ITPIPTRC runs as a subtask and processes requests to the real-time application controlled TCP/IP trace network management interface. ITPIPTRC was unable to process a trace request.

System action: ITPIPTRX stops.

User response: Check the z/OS system console for any TCP/IP related messages that might indicate problems with the real-time application controlled TCP/IP trace Network Management Interface.

ITP1918I TRACE FAILED DUE TO AN ERROR RETURNED BY THE REALTIME APPLICATION-CONTROLLED TCP/IP TRACE NMI

Explanation: An error occurred with the real-time application controlled TCP/IP trace Network Management Interface.
ITP1919I  INVALID IDLE TIME LIMIT
11 Explanation: The value specified for the IDLE
11 parameter passed to ITPIPTRX was not numeric or had
11 more than 5 digits.
11 System action: ITPIPTRX stops.
11 User response: Correct the value that is specified for
11 the IDLE parameter.

ITP1920I  INSUFFICIENT STORAGE AVAILABLE
11 TO INITIALIZE TCP/IP TRACE
22 Explanation: The error occurred during the execution
22 of a GETMAIN macro instruction during initialization.
22 The amount of storage requested was not available.
22 System action: Initialization stops.
22 User response: Increase the region size for the job or
22 the TSO session if the trace is run in foreground.

ITP1921I  INVALID PARAMETER SPECIFIED
22 Explanation: This message is issued by the
22 TCP/IP Data Trace Utility ITPIPTRX and the TCP/IP
22 Trace STL Generation Utility ITPIPGEN when an
22 unknown parameter is passed to the utility program.
22 User response: Check the JCL or REXX/CLIST to
22 ensure that valid parameters are specified on the calls
22 to ITPIPTRX or ITPIPGEN.

ITP1922I  READ I/O FAILED FOR SYSIN DATA
22 SET
22 Explanation: This message is issued when ITPIPGEN
22 detects an error reading from the SYSIN data set.
22 System action: ITPIPGEN closes down after issuing
22 this message.
22 User response: Check for valid 80-byte records in the
22 SYSIN data set.

ITP1923I  INVALID COMMAND SPECIFIED
22 Explanation: This message is issued when ITPIPGEN
22 detects an invalid command that is entered from the
22 console, the TSO screen, or read from the SYSIN data
22 set.
22 System action: ITPIPGEN ignores the invalid
22 command and continues processing the next command.
22 Response: If you are entering commands at the
22 console or from the TSO screen, reenter the command
22 correctly. If the commands are being read from the
22 SYSIN data set, correct the command and rerun
22 ITPIPGEN.

ITP1924I  LOAD OF STL GENERATION
22 MODULE ITPIPGST FAILED
22 Explanation: This message is issued when ITPIPGEN
22 is unable to load the load module ITPIPGST used to
22 create the statements for the STL program.
22 User response: Ensure the WSim load module data set
22 is specified either:
22 • In the STEPLIB DD concatenation for a batch job.
22 • As the load library on the WSim System Defaults
22 panel when running ITPIPGEN in TSO foreground.
22 System action: ITPIPGEN stops.

ITP1925I  OPEN FAILED FOR TCP/IP TRACE
22 DATA SET
22 Explanation: This message can be issued by the
22 TCP/IP Data Trace Utility ITPIPTRX and the TCP/IP
22 Trace STL Generation Utility ITPIPGEN. ITPIPTRX
22 issues this message when the open of the output trace
22 data set fails. ITPIPGEN issues this message when the
22 open of the input trace data set fails.
22 System action: ITPIPTRX and ITPIPGEN stop.
22 User response: Check the JCL or REXX/CLIST to
22 ensure that the correct trace data set is allocated to the
22 TCPTRACE DD. If the correct data set is specified,
22 check the z/OS system console for any messages that
22 provide further information about the open failure.

ITP1926I  OPEN FAILED FOR THE STL MEMBER
22 Explanation: This message is issued when ITPIPGEN
22 is unable to open for output the member where the
22 STL program is written.
22 System action: ITPIPGEN stops.
22 User response: Check the JCL or REXX/CLIST to
22 ensure that the correct trace data set and member is allocated
22 to the STLTXT DD. If the correct data set and member
22 are specified, check the z/OS system console for any
22 messages that provide further information about the
22 open failure.

ITP1927I  OPEN FAILED FOR THE NETWORK
22 MEMBER
22 Explanation: This message is issued when ITPIPGEN
22 is unable to open for output the member where the
22 network definition is written.
22 System action: ITPIPGEN stops.
User response: Check the JCL or REXX/CLIST to ensure that the correct data set and member is allocated to the NTWRK DD. If the correct data set and member are specified, check the z/OS system console for any messages that provide further information about the open failure.

ITP1928I INVALID TCP/IP TRACE RECORD TYPE FOUND
Explanation: This message is issued when ITPIPGEN is TCP/IP trace record that is not a data trace record or a packet trace record.
System action: ITPIPGEN stops.
User response: Run the TCP/IP Trace Formatting Utility ITPIPFMT to see whether the input trace data sets contain records other than data trace or packet trace records.

ITP1929I UNRECOGNIZED RETURN CODE FROM ITPIPGST
Explanation: ITPIPGEN received an unknown return code from the module ITPIPGST used to create the statements for the STL program.
System action: ITPIPTRX and ITPIPGEN stop.
User response: Contact IBM support personnel for assistance with problem resolution.

ITP1930I NO COMMANDS SPECIFIED
Explanation: This message is issued when ITPIPGEN reads a blank record from the SYSIN data set.
System action: ITPIPGEN ignores the invalid command and continues processing the next command.
User response: Enter a valid ITPIPGEN command.

ITP1931I ALL THE REQUIRED COMMANDS WERE NOT SPECIFIED
Explanation: This message is issued by ITPIPGEN when a RUN command is entered before all the required commands are entered. The IP, PORT, MSGTXT, INPUT, and STLOUT commands must be entered before each RUN.
System action: ITPIPGEN ignores the RUN command and continues processing the next command.
User response: If you are entering commands at the console or from the TSO screen, enter the missing commands, followed by the RUN command. If the commands are being read from the SYSIN data set, add the missing commands and rerun ITPIPGEN.

ITP1932I INVALID COMMA PRECEDING OPERAND
Explanation: This message is issued when ITPIPGEN detects a command with a comma before the first operand.
System action: ITPIPGEN ignores the invalid command and continues processing the next command.
User response: If you are entering commands at the console or TSO screen, reenter the command correctly.
If the commands are being read from the SYSIN data set, correct the command and rerun ITPIPGEN.

ITP1933I NO OPERANDS FOUND WITH COMMAND
Explanation: This message is issued when ITPIPGEN detects a command without the required operands. The IP, PORT, MSGTXT, INPUT, STLOUT, NETOUT, and NTWRK commands have required operands.
System action: ITPIPGEN ignores the invalid command and continues processing the next command.
User response: If you are entering commands at the console or TSO screen, reenter the command correctly.
If the commands are being read from the SYSIN data set, correct the command and rerun ITPIPGEN.

ITP1934I INVALID OPERAND ENTERED
Explanation: This message is issued when ITPIPGEN detects an invalid operand on a valid command.
System action: ITPIPGEN ignores the invalid command and continues processing the next command.
User response: If you are entering commands at the console or TSO screen, reenter the command correctly.
If the commands are being read from the SYSIN data set, correct the command and rerun ITPIPGEN.

ITP1935I INVALID COMMAND OPERAND LENGTH
Explanation: This message is issued when ITPIPGEN detects a command with a length that is too long or short. For example, the MSGTXT name is greater than 8 characters long.
System action: ITPIPGEN ignores the invalid command and continues processing the next command.
User response: If you are entering commands at the console or TSO screen, reenter the command correctly.
If the commands are being read from the SYSIN data set, correct the command and rerun ITPIPGEN.
ITP1936I • ITP1940I

MAXIMUM NUMBER OF OPERANDS EXCEEDED

Explanation: This message is issued when ITPIPGEN detects a command with too many operands.

System action: ITPIPGEN ignores the invalid command and continues processing the next command.

User response: If you are entering commands at the console or TSO screen, reenter the command correctly. If the commands are being read from the SYSIN data set, correct the command and rerun ITPIPGEN.

ALLOCATION OF THE NETWORK DATA SET TO THE NTWRK DD FAILED, ERROR REASON CODE xxxx

Explanation: This message is issued by ITPIPGEN when the output network data set cannot be dynamically allocated to the NTWRK DD. The data set must be allocated, cataloged, and available for write access with a disposition of share. xxxx is the SVC 99 error reason code in hexadecimal. For more information about the error reason codes, see Programming: Authorized Assembler Services Guide.

System action: The STL program and network definition are not generated.

User response: Ensure that the correct network data set is used as output for the ITPIPGEN utility.

MESSAGE PROTOCOL USED TO COMMUNICATE BETWEEN THE CLIENT AND SERVER IS NOT HTTP

Explanation: This message is issued by ITPIPGEN after it examines the TCP/IP trace records and determines that HTTP is not the protocol that is used to exchange messages between the client and server. ITPIPGEN can only generate STL when HTTP is the protocol that is used to communicate between the client and server.

System action: The STL program and network definition are not generated.

User response: Ensure the TCP/IP trace that is provided as input to ITPIPGEN contains client/server messages that are based on the HTTP protocol.

ALLOCATION OF THE STL DATA SET TO THE STLTXT DD FAILED, ERROR REASON CODE xxxx

Explanation: This message is issued by ITPIPGEN when the output STL data set cannot be dynamically allocated to the STLTXT DD. The data set must be allocated, cataloged, and available for write access with a disposition of share. xxxx is the SVC 99 error reason code in hexadecimal. For more information about the error reason codes, see Programming: Authorized Assembler Services Guide.

System action: The STL program is not generated.

User response: Ensure that the correct STL data set is used as output for the ITPIPGEN utility.

REPLY 'STOP' TO END TRACE; 'QUERY' TO CHECK STATUS

Explanation: This WTO message is issued by ITPIPTRX after the TCP/IP trace is enabled through a batch job. You can request to end the trace or obtain statistics on the status of the trace.

System action: If the response to the WTO message is STOP, ITPIPTRX stops the trace and saves the trace records to the output data set. If the response is QUERY, ITPIPTRX displays the following WTO messages:

- Number of TCP/IP data trace records collected: nnnnnnnn - nnnnnnnn bytes
- Trace records from client to server: nnnnnnn
- Trace records from server to client: nnnnnnn

User response: Specify a response of STOP or QUERY to the WTO message.
Structured Translator Language (STL) Translator messages (3000 - 3201)

This section describes the diagnostic messages that you might encounter when you run the WSim Structured Translator Language (STL) Translator. For more information about STL, refer to WSim Script Guide and Reference.

ITP3001I UNEXPECTED "@ENDGENERATE" ENCONCERED

Explanation: An @ENDGENERATE statement is found for which there is no outstanding @GENERATE statement.

System action: The current statement is ignored and processing continues.

User response: Remove the @ENDGENERATE statement if not needed. It is possible that you overlook coding a corresponding @GENERATE statement, or that the STL Translator recognized an error on the @GENERATE statement. If the @GENERATE statement is in error, then correcting the error on the @GENERATE statement should correct this error.

ITP3002I OPEN ERROR ON INPUT DATA SET

Explanation: The SYSIN or SYSLIB data set cannot be opened.

System action: STL execution is stopped if the SYSIN data set cannot be opened. Processing continues if the SYSLIB data set cannot be opened; however, all @INCLUDE statements are flagged with an error.

User response: Make sure that the SYSIN or SYSLIB data set exists and that all attributes specified on the DD statement match the attributes of the data set.

ITP3003I ERROR WRITING TO SEQOUT, MSGDD, OR SYSUT1 OUTPUT DATA SET

Explanation: An error occurred while attempting to write to an output data set.

System action: Execution continues as though the NOSEQOUT or NOPDSOUT execution parameter was specified.

User response: Make sure that the data set is not write protected and that it is large enough to hold the output from the STL Translator.

ITP3004I ERROR READING FROM SYSIN OR SYSLIB DATA SET

Explanation: The STL Translator cannot read the SYSIN data set or an included member of the SYSLIB data set.

System action: STL execution is stopped.

User response: Make sure that the data set exists and that its attributes are the same as those specified on the DD statement. The SYSIN data set must be a fixed or variable record format with a logical record length less than 256.

ITP3005I VARIABLE NAME TOO LONG; REMAINDER OF INPUT LINE IGNORED
Explanation: A name that is apparently intended as a variable name is longer than 32 characters.

System action: A pointer to the 33rd character in the name is provided if the NOSOURCE execution parameter was not specified. The current statement and the remainder of the current input line are ignored.

User response: Shorten all variable (and named constant) names to 32 characters or less.

ITP006I  INVALID LOG BYTE FOUND
Explanation: The log byte specified on the statement is invalid.

System action: The current statement is ignored and processing continues.

User response: The log byte must be a string expression. For more information, consult WSim Script Guide and Reference.

ITP007I  OUT OF STORAGE
Explanation: The STL Translator is unable to obtain enough storage to completely translate the program.

System action: STL execution is stopped.

User response: Allocate more storage for the STL Translator job. This can be done by increasing the REGION parameter on the JOB JCL statement.

ITP008I  INTEGER CONSTANT TOO LARGE; REMAINDER OF INPUT LINE IGNORED
Explanation: An integer constant greater than 2147483647 is encountered. 2147483647 is the largest integer constant which WSim uses. This message can also occur when you do not place a long numeric string within quotes.

System action: A pointer to the integer constant is provided if the NOSOURCE execution parameter was not specified. The current statement and the remainder of the current input line are ignored.

User response: Do not use integer constants greater than 2147483647.

ITP009I  INVALID REQUEST TYPE SPECIFIED
Explanation: The request type that is specified on the SE TRH statement is invalid. The valid request types are "DFC", "NC", "FM", and "SC".

System action: The current statement is ignored and processing continues.


ITP010I  INVALID HEX STRING; REMAINDER OF INPUT LINE IGNORED
Explanation: A hexadecimal string containing an odd number of digits or an invalid hexadecimal digit was found.

System action: A pointer to the invalid hexadecimal string is provided if the NOSOURCE execution parameter was not specified. The current statement and the remainder of the current input line are ignored.

User response: Make sure that the hexadecimal string contains an even number of hexadecimal digits. Only the numbers 0-9 and the letters A-F (uppercase or lowercase) are valid hexadecimal digits.

The STL Translator interprets any string that is followed immediately by the letter "X" (or "x") as a hexadecimal string. Therefore, a string constant must never be followed immediately by a variable name beginning with "X". When concatenating a string constant with such a variable, always use the concatenation operator ([]) or a blank. For example:

Invalid Valid
x1 = "Good-Bye" x1 = "Good-bye"
message = 'Hello 'x1 message = 'Hello 'x1]

or
message = 'Hello' x1

ITP011I  UNMATCHED QUOTE
Explanation: A single or double quotation mark is found for which there is no match.

System action: The current statement and the remainder of the current input line is ignored. Processing continues with the next input line.

User response: Make sure that all beginning quotation marks have matching ending quotation marks. If a single quotation mark is used to begin a string, a single quotation mark must be used to end it. The same is true for double quotation marks.

Strings continued on the next input line must be stopped on the current line with an ending quotation mark followed by the concatenation operator ([]) and a comma (continuation indicator). Begin the continuation of the string on the next line with another beginning quotation mark. If the concatenation operator ([]) is omitted, a blank is appended to the string on the current line.

ITP012I  ONLY ONE ON OR ONE OFF SETTING ALLOWED
Explanation: The keywords ON and OFF might be specified only once each on the SE TRH and SE TTH statements.
System action: The current statement is ignored and processing continues.

User response: Code only 1 ON(setting) and 1 OFF(setting) on the command. For more information, consult WSim Script Guide and Reference.

ITP3013I INVALID CHARACTER FOUND; REMAINDER OF INPUT LINE IGNORED

Explanation: A character that is not recognized by the STL Translator as a special character and that is not part of a string constant is found.

System action: A pointer to the invalid character is provided. The current statement and the remainder of the current input line are ignored.

User response: Do not use the indicated character as a part of variable, label, or constant names. Consult WSim Script Guide and Reference for a description of the valid variable, label, and constant names.

ITP3014I INVALID OPERATOR

Explanation: An operator is invalid in context. For instance, the “*” operator is invalid in the context of the following statements:

```
message = substr(screen, coff()*5,20)
message = substr(screen, length(screen)*5,20)
```

In the first example, the “+” or “-” operators are the only ones valid in context. In the second, only the “-” operator is valid.

System action: The current statement is ignored and processing continues.

User response: Consult WSim Script Guide and Reference for the correct syntax of the statement or function.

ITP3015I SCROLL STATEMENT MUST SPECIFY “UP” OR “DOWN”

Explanation: Some values other than “UP” or “DOWN” are coded on a SCROLL statement. “UP” and “DOWN” are the only two values supported.

System action: The current statement is ignored and processing continues.

User response: Code “UP” or “DOWN” on the SCROLL statement.

ITP3016I UNRECOGNIZED STATEMENT TYPE

Explanation: A statement does not begin with an assignment operation or a keyword that is recognized as the beginning of a valid statement.

System action: The current statement is ignored and processing continues.


ITP3017I TOO FEW OR TOO MANY TOKENS IN THE STATEMENT

Explanation: There are either not enough tokens (that is, variables, keywords, functions, operators, and constants) or there are too many tokens on the current statement to constitute valid syntax.

System action: The current statement is ignored and processing continues.


ITP3018I INVALID RH OR TH SETTING SPECIFIED

Explanation: An invalid RH or TH setting is specified.

System action: The current statement is ignored and processing continues.

User response: Code only valid RH or TH keyword settings. Consult WSim Script Guide and Reference for a list of the valid settings that can be coded on the SETRH or SETTH statements.

ITP3019I INVALID CONSTANT SPECIFIED ON CONSTANT STATEMENT

Explanation: The constant specified on a CONSTANT statement is not an integer or string constant.

System action: The current statement is ignored and processing continues.

User response: Make sure that only constants and constant expressions are used when defining named constants on the CONSTANT statement.

ITP3020I INVALID NAME SPECIFIED ON A DECLARATIVE STATEMENT

Explanation: The name portion of a CONSTANT, ALLOCATE, INTEGER, BIT, or STRING statement is not acceptable. Only valid STL variable names that are not previously defined can be used.

System action: The current statement is ignored and processing continues.

User response: Make sure that an STL keyword, function name, or operator is not coded for the name on the specified declarative statement. These names can include uppercase or lowercase alphanumeric characters and the special characters $, @, _ (underscore), ?, and #. The names cannot begin with a number and must be 1 - 32 characters long.
ITP3021I  INVALID RESOURCE SPECIFIED ON ALLOCATE STATEMENT

Explanation: The resource that is specified on an ALLOCATE statement is not the name of a valid WSim counter, save area, or switch.

System action: The current statement is ignored and processing continues.

User response: Make sure the resource that is specified is one of the WSim resources that are identified under WSim Script Guide and Reference and that it is enclosed in single or double quotation marks.

ITP3022I  INVALID CHAIN POSITION SPECIFIED

Explanation: An invalid chain position is specified on the SETRH statement. The valid positions are "FIRST", "MIDDLE", "LAST", and "ONLY".

System action: The current statement is ignored and processing continues.


ITP3023I  RESOURCE ALREADY ALLOCATED

Explanation: The WSim counter, save area, or switch specified on an ALLOCATE statement is allocated by the STL Translator. It might be used on a previous ALLOCATE statement or allocated dynamically by the STL Translator while processing preceding STL statements.

System action: The current statement is ignored and processing continues.

User response: Do not allocate the same WSim resource to more than one variable name. If the resource is dynamically allocated by the STL Translator, try moving the ALLOCATE statement to the beginning of the current STL source data set.

ITP3024I  VARIABLE OR CONSTANT ALREADY DECLARED

Explanation: A previously declared variable name is specified on a STRING, INTEGER, BIT, CONSTANT, or ALLOCATE statement. Once declared, a variable name cannot be declared again on one of these declarative statements.

System action: The current statement is ignored and processing continues.

User response: Use a variable name that is not previously declared.

ITP3025I  INVALID STATEMENT SYNTAX

Explanation: The current statement cannot be processed by the STL Translator because it does not adhere to the syntax definition as specified in WSim Script Guide and Reference.

System action: The current statement is ignored and processing continues.

User response: Make sure that the statement does not contain data, to either the left or right of the statement, outside of your field of view on the screen. If this is not the problem, consult WSim Script Guide and Reference for a description of the valid syntax for the statement.

ITP3026I  SHARED INTEGER VARIABLE LIMIT EXCEEDED

Explanation: An attempt is made to declare a shared integer variable but the limit for the number of these variables is reached. No more than 4095 shared integer variables might be declared.

System action: The current statement is ignored and processing continues.

User response: If more than 4095 shared integer variables are needed, try breaking up the current STL program into multiple programs that require fewer shared integers.

Another solution is to “store” shared integer variable values in shared string variables, fetching, converting, and using them as needed.

/* Example of how to "store" integer variables*/
/* in string variables. */

work = 100
/* WORK is an unshared integer variable */

b = hex(work) /* B is a shared string variable*/
.
.
.

/* Fetch WORK from the variable B */
work = c2d(b)

ITP3027I  UNSHARED INTEGER VARIABLE LIMIT EXCEEDED

Explanation: An attempt is made to declare an unshared integer variable but the limit of 4095 unshared integer variables (WSim counters) is reached. Unshared integer variables are used when an integer variable is either explicitly or implicitly declared or by the STL Translator during the computation of intermediate values. Typically the STL Translator requires 2 to 5 unshared integer resources to compute integer expressions.

System action: The current statement is ignored and processing continues.
User response: If more than 4095 unshared integer variables are needed, try breaking up the current STL program into multiple programs that require fewer unshared integers or reduce the complexity of the integer expressions in your program.

Another solution is to “store” unshared integer variable values in unshared string variables, fetching, converting, and using them as needed. For an example, see message ITP3026I.

System action: The current statement is ignored and processing continues.

User response: Reduce the complexity of the conditions in your program. If it is necessary to use more than 4095 unshared bit variables, you can break up the current STL program into multiple programs that require fewer unshared bit variables.

User response: If more than 4095 unshared string variables are needed, try breaking up the current STL program into multiple programs that require fewer unshared strings.

Wherever possible, named string constants must be used instead of string variables. Named constants do not use unshared string resources (WSim save areas).

User response: If more than 4095 unshared string variables are needed, try breaking up the current STL program into multiple programs that require fewer unshared strings.

Wherever possible, named string constants must be used instead of string variables. Named constants do not use unshared string resources (WSim save areas).

System action: The current statement is ignored and processing continues.

User response: If more than 4094 shared bit variables are needed, try breaking up the current STL program into multiple programs that require fewer shared bits.

User response: Change the label name to some unique name. Also, change any references to that name, for example on a CALL.


User response: Be sure to include a name on all MSGTXT statements, for example, name: MSGTXT.
ITP3035I  STATEMENT INVALID OUTSIDE OF MSGTXT

Explanation: A non-declarative statement is found outside an MSGTXT procedure. Only the ALLOCATE, BIT, INTEGER, STRING, CONSTANT, MSGUTBL, and ENDUTBL statements, and the @EJECT, @IFNUM, and @PROGRAM control statements are allowed outside MSGTXT procedures.

System action: The current statement is ignored and processing continues.

User response: Do not code the statement outside an MSGTXT procedure. It is possible that the STL Translator did not recognize a previous MSGTXT statement because of an error on or near that statement. If so, correcting the error on or near the MSGTXT statement should correct this error as well.

ITP3036I  PREMATURE ENDTXT FOUND

Explanation: An ENDTXT statement was found while the STL Translator was expecting some other statement or part of a statement group.

System action: The ENDTXT statement is honored by the STL Translator and the current procedure is ended. All incomplete statement groups (for example, DO, SELECT) are considered complete.

User response: Make sure that all statement groups are complete before coding the ENDTXT statement.

ITP3037I  INVALID DATE FORMAT SPECIFIED ON “DATE” FUNCTION

Explanation: The date format that is specified on the DATE function is invalid.

System action: The current statement is ignored and processing continues.


ITP3038I  STL PROGRAM LOGIC TOO COMPLEX

Explanation: The logic that is used in your STL program is too complex for the STL Translator.

System action: The current statement is ignored and processing continues.

User response: Reduce the number of nested IF, SELECT, and DO statements in your program.

ITP3039I  STATEMENT INVALID WITHIN MSGTXT

Explanation: The statement is not valid when coded within an MSGTXT procedure. Declarative statements (for example, ALLOCATE, INTEGER, CONSTANT) and some control statements (that is, @PROGRAM and @IFNUM), when coded within an MSGTXT procedure causes this error.

System action: The current statement is ignored and processing continues.

User response: Move the statement outside the MSGTXT procedure. If an error is detected on a previous ENDTXT statement, the STL Translator can still be interpreting input as part of the preceding MSGTXT procedure. If so, correcting the error on the ENDTXT statement should correct this error as well.

ITP3040I  MAXIMUM NUMBER OF NESTED “DO” STATEMENTS EXCEEDED

Explanation: The DO loop nesting level of 10 is exceeded by the current DO statement. Any time a DO loop (that is, DO WHILE, DO FOREVER, or iterative DO) is coded within another DO loop, the DO loop nesting level is incremented by the STL Translator. When the corresponding END statement is encountered, the DO loop nesting level is decremented.

If the current DO statement is a simple DO group, then the maximum nesting level for simple DO groups of 255 is reached.

System action: The current statement is ignored and processing continues.

User response: Do not code more than 10 nested DO loops or 255 nested simple DO groups.

ITP3041I  SEQUENCE NUMBER MUST BE AN INTEGER CONSTANT

Explanation: The sequence number that is coded on the SETTH statement must be an integer constant.

System action: The current statement is ignored and processing continues.

User response: Code only an integer constant as the sequence number on the statement. For more information, consult WSim Script Guide and Reference.

ITP3042I  MAXIMUM NUMBER OF GENERATED LABELS REACHED

Explanation: The maximum number of labels that can be generated by the STL Translator (65535) is reached. One or more labels are generated by the STL Translator whenever an IF, ELSE, SELECT, WHEN, or DO loop statement is processed.
The current statement is ignored and processing continues.

User response: Shorten your program or break it up into two or more separate programs.

**ITP3043I UNEXPECTED ”ELSE”, ”WHEN”, OR ”OTHERWISE” ENCONTRERED**

Explanation: An ELSE, WHEN, or OTHERWISE keyword is found at the beginning of a statement, but such a statement is not valid in the current context.

User response: Make sure the preceding IF or WHEN statement or statement group is complete. It is possible that an END statement is missing from the preceding statement group.

**ITP3044I A VARIABLE OF UNKNOWN TYPE IS USED IN AN EXPRESSION**

Explanation: A variable is used in an expression but its type is unknown at the time of its use. A variable must be declared (either explicitly or implicitly) before it can be used in an expression.

User response: Either declare the variable using one of the STL declarative statements (that is, INTEGER, STRING, BIT, ALLOCATE, or CONSTANT), or use it as the receiver of an assignment (implicit declaration).

The variable name might be misspelled and the new (misspelled) name might be interpreted as a new variable name by the STL Translator. If so, correct the spelling of the variable name.

**ITP3045I NON-NUMERIC OPERATOR USED IN INTEGER EXPRESSION**

Explanation: An operator, which is valid for string expressions only, is used in an integer expression.

User response: Use only numeric operators (that is, +, -, *, /, //) in integer expressions.

**ITP3046I TIME VALUE MUST BE BETWEEN 1 and 21474836 SECONDS**

Explanation: The AFTER operand was specified with an invalid time value. The time value that is specified on the SIGNAL, QSIGNAL, POST, and RESET statements must be 1 - 21474836.

User response: Specify an integer constant 1 - 21474836 for the AFTER operand.

**ITP3047I TYPE MISMATCH**

Explanation: This message might be output for one of the following reasons:

1. The type of an assignment receiver is not the same as the type of the expression being assigned.
2. The type of one of the operands in an expression does not match the type of the other operand.
3. The operator used in an expression does not match the type of the operands in an expression.
4. A function argument has a type that does not match the type expected by the function.
5. A function argument is of unknown type.

User response: Make sure the types of all operands, operators, and function arguments are compatible. Also, make sure that all variables are defined. You can refer to the variable dictionary at the bottom of the printed listing to verify the data types of your variables.

**ITP3048I DUPLICATE RH OR TH SETTING SPECIFIED**

Explanation: A duplicate RH or TH setting keyword is specified on the SETRH or SETTH statement.

User response: An RH or TH setting keyword can be specified once only per SETRH or SETTH statement. Remove the duplicate keyword. For more information, consult WSim Script Guide and Reference.

**ITP3049I INVALID ASSIGNMENT RECEIVER**

Explanation: The receiver of an assignment is not a string, integer, or bit variable.

User response: Assign values to string, integer, or bit variables only.

**ITP3050I EXPRESSION TOO COMPLEX**

Explanation: An expression in the current statement is too complex to compute.

User response: Simplify the expression by breaking it up into two or more statements.
ITP3051I  INVALID FUNCTION REFERENCE
Explanation:  A function reference is used incorrectly. All function references must consist of a function name followed by zero or more arguments that are separated by commas and enclosed in parenthesis.
System action:  The current statement is ignored and processing continues.
User response:  Correct the function reference. If no arguments are required, a left and right parenthesis must still be coded.

ITP3052I  INVALID EXPRESSION
Explanation:  An expression cannot be evaluated by the STL Translator because of invalid syntax, for example, a missing operator, operand, or the use of a bit constant on the left side of a comparison.
System action:  The current statement is ignored and processing continues.
User response:  Check for a missing operator, operand, misplaced keyword, or bit comparison.

ITP3053I  INVALID ROW OR COLUMN NUMBER
Explanation:  The row or column number that is specified on the CURSOR or LIGHTPEN statement or the ROWCOL or CPOS function is invalid.
System action:  The current statement is ignored and processing continues.
User response:  Code a valid row or column number. The valid numbers are 1 - 255.

ITP3054I  MISSING LEFT PARENTHESIS
Explanation:  A right parenthesis is found for which there is no matching left parenthesis.
System action:  The current statement is ignored and processing continues.
User response:  Either insert the missing left parenthesis where appropriate or remove the right parenthesis if it is unnecessary.

ITP3055I  EXPECTED EXPRESSION NOT FOUND
Explanation:  An expression or condition is expected but none is found.
System action:  The current statement is ignored and processing continues.
User response:  Refer to WSim Script Guide and Reference for the correct syntax of the current statement.

ITP3056I  FUNCTION NESTING LEVEL MAXIMUM EXCEEDED
Explanation:  The maximum function nesting level of 11 is exceeded.
System action:  The current statement is ignored and processing continues.
User response:  Simplify the expression or break it up into two or more statements.

ITP3057I  UNEXPECTED OR EXTRA DATA FOUND IN STATEMENT
Explanation:  An error is found while processing the statement. A keyword might be misspelled, part of the statement might be omitted, a semicolon, or coded something past the logical end of the statement might be omitted.
System action:  The current statement is ignored and processing continues.
User response:  Refer to WSim Script Guide and Reference for the correct syntax of the current statement. If a semicolon is missing, insert it.

ITP3058I  UNEXPECTED CONDITION ENCOUNTERED
Explanation:  An expression involving a relational operator (that is, =, >, <, ~=, etc.) is found where a condition is not expected.
System action:  The current statement is ignored and processing continues.
User response:  Check for possible missing keywords, parentheses, or the use of a relational operator where one is not allowed.

ITP3059I  EXPECTED "THEN" KEYWORD NOT FOUND
Explanation:  The THEN keyword is not found where expected on an IF, WHEN, ONIN, ONOUT, or ON SIGNALED() statement.
System action:  The current statement is ignored and processing continues.
User response:  Include the THEN keyword on the current statement.

ITP3060I  CONDITION CONSISTS OF A VALUE WHICH IS NOT A BIT VARIABLE
Explanation:  An expression that does not evaluate to a Boolean (true or false) value is found where a condition is expected.
System action:  The current statement is ignored and processing continues.
User response: Make sure that the condition consists of a relational expression, bit variable, or bit expression.

ITP3061I INVALID SCREEN POSITION SPECIFIED

Explanation: The screen position that is specified on the CURSOR or LIGHTPEN statement or the ATTR3270 function is invalid.
System action: The current statement is ignored and processing continues.
User response: Code a valid screen position. For the CURSOR or LIGHTPEN statement, the valid screen position is 0 - 32766. For the ATTR3270 function, it is 1 - 32767.

ITP3062I UNEXPECTED OR UNMATCHED "END" STATEMENT

Explanation: An END statement is found for which there is no outstanding DO or SELECT.
System action: The current statement is ignored and processing continues.
User response: Remove the END statement if it is not needed. It is possible that you overlook coding a corresponding DO or SELECT statement, or that the STL Translator recognized an error on the corresponding DO or SELECT.

ITP3063I INVALID “DO” STATEMENT SYNTAX

Explanation: A statement beginning with the keyword DO has invalid syntax. For iterative DO statements, this message is output if a non-integer variable is used as the control variable or as the increment expression. For DO WHILE statements, this message is output if a condition is not coded.
System action: The current statement is ignored and processing continues.
User response: Check the syntax of the DO statement. Ensure that only integer variables are used as loop control variables for iterative DO statements. If an increment is specified for an iterative DO statement, make sure that it is an integer constant expression or an integer variable.

Note: If a DO statement is found to contain an error, the STL Translator ignores the statement and continues processing the STL source data set as though the DO statement was never encountered. Therefore, when the corresponding END statement is encountered, it is either flagged as an error because there is no corresponding outstanding DO statement, or it is matched up with some other outstanding DO. Be aware of this when analyzing the STL Translator output.

ITP3064I INVALID “LEAVE” OR “ITERATE” STATEMENT

Explanation: A LEAVE or ITERATE statement is found outside of a DO WHILE, DO FOREVER, or iterative DO statement group. LEAVE and ITERATE are valid only within these groups.
System action: The current statement is ignored and processing continues.
User response: Use LEAVE or ITERATE only within DO WHILE, DO FOREVER, or iterative DO statement groups.

Note: This message might occur if the STL Translator finds an error on a previous DO WHILE, DO FOREVER, or iterative DO statement. If so, you can ignore this error message; it does not occur after the DO statement error is corrected.

ITP3065I NON-STRING DATA FOUND WHERE STRING EXPRESSION EXPECTED

Explanation: A TYPE, LOG, STRIPE, SAY, or OPCMND statement does not contain a string expression. Only string expressions are permitted on these statements.
System action: The current statement is ignored and processing continues.
User response: Use a string expression or, if an integer value was coded, use the CHAR or HEX function to convert it into a string expression.

ITP3066I EXPECTED “WHEN” OR “OTHERWISE” MISSING

Explanation: The STL Translator is expecting a WHEN or OTHERWISE statement while processing a SELECT statement group, but one is not found.
System action: The current statement is ignored and processing continues.
User response: Be sure to code at least one WHEN and an OTHERWISE statement following a SELECT statement. Consult WSim Script Guide and Reference for the correct syntax of the SELECT statement.

ITP3067I EXPECTED “END” OF SELECT GROUP MISSING

Explanation: An END statement does not follow an OTHERWISE statement (or statement group).
System action: The current statement is ignored and processing continues.
ITP3068I  MAXIMUM VALID IF NUMBER EXCEEDED

Explanation: The maximum possible WSim IF number (255) is exceeded by your STL program. IF numbers are generated by the STL Translator when STL ONIN and ONOUT statements are processed.

System action: The current statement is ignored and processing continues.

User response: This message usually indicates that your STL program is too large to be translated as a single program. You must break it up into two or more smaller programs if possible.

You can also minimize the number of IF statements generated by the STL Translator by:

- Reducing the complexity of ONIN and ONOUT conditions in your program. For example, the two code segments below show how the same conditions can be tested two different ways. The first example, which uses a complex condition, requires 5 IF numbers, while the second example, which uses several simple conditions, requires only 3 WSim IF numbers.

  **Complex Condition**

  ```plaintext
  onin substr(ru,1,1) = '31' then
  | substr(ru,1,1) = '32' then
  | substr(ru,1,1) = '0D' then
  sess_control = on
  ```

  **Several Simple Conditions**

  ```plaintext
  onin substr(ru,1,1) = '31' then
  sess_control = on
  onin substr(ru,1,1) = '32' then
  sess_control = on
  onin substr(ru,1,1) = '0D' then
  sess_control = on
  ```

- Using ONIN and ONOUT conditions inside DO loops instead of using multiple ONIN or ONOUT statements. For example, the following two code segments show how you can send messages and test for different expected responses using user tables and an iterative DO loop. The first example requires three IF numbers, whereas the second example requires only one.

  **Repeated ONIN Conditions**

  ```plaintext
  test1: msgtxt
  type 'Hello'
  transmit and wait until,
  | onin substr(ru,1,8) = 'Good-bye'
  type 'Now is the time'
  transmit and wait until,
  | onin substr(ru,1,16) = 'For all good men'
  type 'Four score and'
  transmit and wait until,
  | onin substr(ru,1,15) = 'Seven years ago'
  endtxt
  ```

  **Single ONIN Condition**

  ```plaintext
  sendmsgs: msgutbl
  | 'Hello'
  type 'Now is the time'
  | 'Four score and'
  endtxt
  ```

  ```plaintext
  respmgs: msgutbl
  | 'Good-bye'
  type 'For all good men'
  | 'Seven years ago'
  endtxt
  ```

  ```plaintext
  test2: msgtxt
  do i = 0 to utblmax(sendmsgs
  | type utbl(sendmsgs,i)
  response = utbl(respsmsgs,i)
  response length = length(response)
  transmit and wait until onin,
  substr(ru,1,response length) = response
  end
  endtxt
  ```

  **Note:** If the `@IFNUM` statement is coded in the STL program, be sure that the starting IF number is coded correctly. Coding a starting IF number that is higher than necessary will reduce the number of IF statements that the STL Translator is allowed to generate.

ITP3069I  INVALID ASYNCHRONOUS SUBSET STATEMENT

Explanation: A statement that is coded after a THEN keyword on an ONIN, ONOUT, or ON SIGNALED statement is invalid in that context. Only valid asynchronous subset statements can be coded in such cases.

System action: The current statement is ignored and processing continues.


ITP3070I  UNABLE TO RESOLVE IF NUMBERS FOR DEACT LABEL

Explanation: A label was specified on a DEACT statement, indicating an outstanding asynchronous condition (ONIN or ONOUT) is to be deactivated, however, the STL Translator is unable to determine the WSim IF numbers associated with the label.

System action: The current statement is ignored and processing continues.

User response: Correct any errors that are detected during the translation of the referenced ONIN or ONOUT statement.
ITP3071I INVALID AID KEY SPECIFIED ON "TRANSMIT" STATEMENT

Explanation: A TRANSMIT statement is coded with the USING clause, however a valid attention identifier (AID) key does not follow the USING keyword.

System action: The current statement is ignored and processing continues.

User response: Consult WSim Script Guide and Reference for a list of valid AID keys that can be specified on the TRANSMIT USING clause.

ITP3072I EVENT NAME OR TAG IS INVALID

Explanation: An invalid event name or tag is specified on a statement.

System action: The current statement is ignored and processing continues.

User response: Make sure that all event names and tags follow the syntax rules for event names and tags that are specified in WSim Script Guide and Reference.

ITP3073I INVALID TYPE OF SNACMND REQUESTED

Explanation: The type of SNACMND requested is invalid. This is the first argument to the SNACMND statement.

System action: The current statement is ignored and processing continues.

User response: Code a valid type of SNACMND. For a complete list of these keywords, consult WSim Script Guide and Reference.

ITP3074I EVENT NAME OR TAG IS NOT A STRING EXPRESSION

Explanation: A non-string variable or expression is used as an event name or tag in an expression.

System action: The current statement is ignored and processing continues.

User response: Make sure that the event name or tag is a string expression.

ITP3075I TOO FEW, TOO MANY, OR NULL FUNCTION ARGUMENTS FOUND

Explanation: A function reference does not contain the proper number of arguments or a null argument is coded where one is not allowed.

System action: The current statement is ignored and processing continues.


ITP3076I INVALID OR MISSING PLU OR SLU NAME ARGUMENT

Explanation: The plu or slu argument on an INITOTH1 or INITOTH2 type of SNACMND is invalid or missing.

System action: The current statement is ignored and processing continues.

User response: A PLU and SLU name must be specified and must be a string expression. If it is a string constant expression, it must be 1 - 8 alphanumeric characters long and must not contain blanks. For more information, consult WSim Script Guide and Reference.

ITP3077I INVALID NOTIFY ARGUMENT FOUND. SPECIFY ON OR OFF

Explanation: A notify argument that is coded on an INITSLF1 or INITSLF2 type of SNACMND or a notifyp, notifys, or notify03 argument that is coded on an INITOTH1 or INITOTH2 type of SNACMND is invalid.

System action: The current statement is ignored and processing continues.

User response: The NOTIFY argument must be the bit constant ON or OFF.

ITP3078I A FUNCTION ARGUMENT HAS AN INVALID TYPE

Explanation: An argument that is coded within a function reference is not the proper data type.

System action: The current statement is ignored and processing continues.


ITP3079I INVALID LENGTH ARGUMENT FOR FUNCTION

Explanation: An integer constant expression is supplied as the length argument for a function, but its value is not within the acceptable range or an integer expression is supplied when an integer constant expression is expected.

System action: The current statement is ignored and processing continues.

User response: Make sure that the length argument is within the following ranges:

<table>
<thead>
<tr>
<th>Function</th>
<th>Length argument range</th>
<th>Expression Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATTR3270</td>
<td>1-11</td>
<td>Integer Constant</td>
</tr>
<tr>
<td>CHAR</td>
<td>1-10</td>
<td>Integer Constant</td>
</tr>
<tr>
<td>C2D</td>
<td>1-4</td>
<td>Integer Constant</td>
</tr>
</tbody>
</table>
Make sure that the correct type of expression is specified.

User response: The right side of the test under mask operation must be a two-digit hexadecimal string constant (for example, '0F'x).

ITP3084I FUNCTION REFERENCE INVALID OUTSIDE OF MSGTXT

Explanation: A function reference is coded outside an MSGTXT procedure.

System action: The current statement is ignored and processing continues.

User response: Do not use functions when coding statements that must appear outside of MSGTXT procedures (for example, declarative statements).

ITP3085I INVALID USE OF RESERVED VARIABLE

Explanation: A reserved variable (that is, DATA, RU, RH, TH, SCREEN, or BUFFER) is used improperly in a statement.

System action: The current statement is ignored and processing continues.

User response: The reserved variable is used in one of the following manners, which are not allowed.

- Name of an event
- Name of a variable being declared
- As a statement by itself.

Do not use the reserved variable in this manner.

ITP3086I DIVISION BY ZERO IS AN INVALID ARITHMETIC OPERATION

Explanation: An expression involves division by the integer constant zero.

System action: The current statement is ignored and processing continues.

User response: Do not divide by zero.
ITP3088I  INVALID STRING EXPRESSION

Explanation: A string expression is invalid in the current context. For instance, a string expression other than “LEFT”, “RIGHT”, “UP”, or “DOWN” is coded as the first argument of the CURSOR function.

System action: The current statement is ignored and processing continues.

User response: Check the syntax of the statement that contains the error. If a particular string constant is required, make sure that the spelling is correct.

ITP3089I  INVALID ASYNCHRONOUS CONDITION

Explanation: An asynchronous (ONIN or ONOUT) condition is invalid.

System action: The current statement is ignored and processing continues.


ITP3090I  ASYNCHRONOUS SUBSET STATEMENT NOT SUPPORTED

Explanation: An ON SIGNALED statement’s then action is not valid. Consult WSim Script Guide and Reference for a list of the valid actions that can be coded on the ON SIGNALED statement.

System action: The current statement is ignored and processing continues.

User response: Correct the wanted action on the ON SIGNALED command.

ITP3091I  GENERATE MODE INPUT IS NOT A VARIABLE OR STRING CONSTANT

Explanation: While in generate mode (between @GENERATE and @ENDGENERATE statements, the STL Translator encountered input that is not an STL string constant, a named string constant, nor the name of an STL variable. These are the only valid input in generate mode.

System action: The current statement is ignored and processing continues in generate mode.

User response: Make sure that all only string constants, named string constants, and variable names appear between the @GENERATE and @ENDGENERATE statements.

ITP3092I  GENERATED LINE LENGTH EXCEEDS ALLOWABLE MAXIMUM

Explanation: A line of generate mode output is longer than 72 characters, which is the allowable maximum.

System action: The current statement is ignored and processing continues.

User response: Split the current line into two or more lines.

ITP3093I  MSGUTBL STATEMENT MUST HAVE A NAME

Explanation: An MSGUTBL statement was coded without a name.

System action: The current statement is ignored and processing continues.

User response: Add a name to the MSGUTBL statement, for example, name: MSGUTBL.

ITP3094I  ENDUTBL FOUND WITHOUT MSGUTBL

Explanation: An ENDUTBL statement is encountered without a corresponding MSGUTBL statement.

System action: The current statement is ignored and processing continues.

User response: Make sure that a valid MSGUTBL statement is coded before the ENDUTBL statement. If an error is detected on a preceding MSGUTBL statement, the STL Translator ignores the entire statement. This might be the cause of this message.

ITP3095I  INVALID MSGUTBL ENTRY DECLARATION

Explanation: An invalid user table (MSGUTBL) entry is encountered. Only string constant expressions can be used to declare user table entries.

System action: The current statement is ignored and processing continues.

User response: Ensure that only string constant expressions are used to declare user table entries.

ITP3096I  NO MSGUTBL ENTRIES PROCESSED

Explanation: An MSGUTBL statement is followed immediately by an ENDUTBL statement, without any intervening user table entries.

System action: The declaration of the current MSGUTBL is considered complete and processing continues.

User response: You must declare at least one user table entry in an MSGUTBL.

ITP3097I  STATEMENT INVALID WITHIN MSGUTBL GROUP

Explanation: A keyword, assignment, or declarative statement is coded within an MSGUTBL group, that is,
before a valid ENDUTBL statement is processed by the
STL Translator.

**System action:** The current statement is ignored and
processing continues.

**User response:** Be sure to end the MSGUTBL
declaration with an ENDUTBL statement. If an error
was found on a preceding ENDUTBL statement, this
might be the reason for this message.

#### ITP3098I  INVALID UTBL NAME OR NUMBER

**Explanation:** The user table that is named in a UTBL,
UTBLSCAN, or UTBLMAX function is invalid.

**System action:** The current statement is ignored and
processing continues.

**User response:** The name of the user table referenced
on these functions must be either the 1-8 character
name of an MSGUTBL or an integer constant 0-255
corresponding to the number of a UTBL statement in a
WSim network definition.

#### ITP3099I  INVALID VARIABLE USED AS UTBL

**NAME**

**Explanation:** A variable name is used as the name of a
user table in a UTBL or UTBLSCAN function reference.
The use of variables to reference user tables is invalid.

**System action:** The current statement is ignored and
processing continues.

**User response:** The name of the user table referenced
on these functions must be either the 1-8 character
name of an MSGUTBL or an integer constant 0-255
corresponding to the number of a UTBL statement in a
WSim network definition.

#### ITP3100I  INVALID UTBL SELECTOR SPECIFIED

**Explanation:** The selector argument of a UTBL
function reference is invalid.

**System action:** The current statement is ignored and
processing continues.

**User response:** The selector argument must be an
integer expression, the string constant “R”, or the string
constant “Rn” (where n is a number 0-255). Variables
that are allocated to the WSim sequence counters
(DSEQ, TSEQ, LSEQ, and NSEQ) are not valid UTBL
selectors. Consult WSim Script Guide and Reference for a
complete description of this argument.

#### ITP3101I  SYSLIB DATA SET NOT AVAILABLE

**FOR @INCLUDE**

**Explanation:** The STL Translator cannot find a SYSLIB
data set from which to read the specified data set
member.

**System action:** The current statement is ignored and
processing continues.

**User response:** Ensure that a SYSLIB DD or FILEDEF
is included in the JCL, EXEC, or CLIST used to run
ITPSTL. For more information about the problem, refer
to the STL Translator printed listing.

#### ITP3102I  INVALID “UTBLMAX” FUNCTION

**ARGUMENT**

**Explanation:** The argument of a UTBLMAX function
reference is not the name or number of a user table.

**System action:** The current statement is ignored and
processing continues.

**User response:** This argument must be either a 1-8
character MSGUTBL name or an integer constant 0-255
corresponding to the number of a UTBL statement in a
WSim network definition.

#### ITP3103I  INVALID “RN” NUMBER USED FOR

**“RANDOM” OR “RNUM” FUNCTION**

**Explanation:** “RN” is specified as the first argument
of a RANDOM or RNUM function reference, but the
second argument is not an integer constant expression
with a value 0 - 255.

**System action:** The current statement is ignored and
processing continues.

**User response:** Use only an integer constant
expression with a value 0 - 255 as the second argument
of these functions when “RN” is specified as the first
argument. If (“RN”,rn_number) is specified as the
argument, a random number is taken from the range of
numbers specified on the RN WSim network definition
statement with the label rn_number.

#### ITP3104I  INVALID LENGTH SPECIFIED FOR

**“RNUM” FUNCTION**

**Explanation:** The length argument of an RNUM
function reference is not an integer constant expression
with a value 1 - 10.

**System action:** The current statement is ignored and
processing continues.

**User response:** Specify a length 1 - 10. If the length
argument is omitted, the default length of 10 is used.

#### ITP3105I  INVALID LOW OR HIGH VALUE FOR

**“RANDOM” OR “RNUM” FUNCTION**

**Explanation:** A RANDOM or RNUM function was
coded using the (low,high) argument specification, but
the low or high value is invalid.

**System action:** The current statement is ignored and
processing continues.

**User response:** When using the (low,high) argument
specification for these functions, \( \text{low} \) must be an integer constant expression with a value from 0 to 2147483646, \( \text{high} \) must be an integer constant expression with a value from 1 to 2147483647, and \( \text{low} \) must be less than \( \text{high} \).

**ITP3106I**  INVALID “ROWCOL” FUNCTION
REFERENCE

Explanation: The ROWCOL function is used in an invalid context.

System action: The current statement is ignored and processing continues.

User response: Use the ROWCOL function only when specifying the offset argument of a SUBSTR (second argument) or ATTR3270 (first argument) function. When coding ROWCOL as the offset on a SUBSTR function, the source of the substring must be either BUFFER or SCREEN.

**ITP3107I**  CONDITION INVALID FOR “QUIESCE” STATEMENT

Explanation: A QUIESCE statement of the form, QUIESCE UNTIL POSTED(event_name) was encountered.

System action: The current statement is ignored and processing continues.

User response: Although QUIESCE UNTIL POSTED(event_name) is not a valid statement in STL, QUIESCE UNTIL SIGNALED(event_name) and QUIESCE UNTIL ONIN POSTED(event_name) are valid. You might be able to use one of these alternative statement formats. Consult WSim Script Guide and Reference for a description of the QUIESCE statement.

**ITP3108I**  INVALID OR MISSING RESOURCE NAME ARGUMENT

Explanation: The resource name argument on an INITSELF or TERMSELF statement on an INITSELF, TERMSELF, INITSLF1, or INITSLF2 type of SNACMND is invalid.

System action: The current statement is ignored and processing continues.

User response: The resource name must be a string expression. If it is a string constant expression, it must be 1-8 alphanumeric characters long and must not contain blanks. For more information, consult WSim Script Guide and Reference.

**ITP3109I**  INVALID MODE NAME ARGUMENT SPECIFIED

Explanation: The mode argument that is specified on an INITSELF statement or on an INITSELF, INITOTH1, INITOTH2, INITSLF1, or INITSLF2 type of SNACMND is invalid.

System action: The current statement is ignored and processing continues.

User response: The mode name must be a string expression. If it is a string constant expression, it must be 1-8 alphanumeric characters long and must not contain blanks. For more information, consult WSim Script Guide and Reference.

**ITP3110I**  INVALID USER DATA OR URC ARGUMENT SPECIFIED

Explanation: The user_data or urc argument that is specified on an INITSELF statement or the user_data or urc argument that is specified on an INITSELF, INITOTH1, INITOTH2, INITSLF1, or INITSLF2 type of SNACMND is invalid.

System action: The current statement is ignored and processing continues.

User response: The user data and urc arguments must be a string expression. For more information, consult WSim Script Guide and Reference.

**ITP3111I**  INVALID “ON” STATEMENT SYNTAX

Explanation: An ON keyword is not followed by the SIGNALED function.

System action: The current statement is ignored and processing continues.


**ITP3112I**  INVALID RATE TABLE NUMBER SPECIFIED

Explanation: The rate table referenced on a DELAY or SUSPEND statement is invalid.

System action: The current statement is ignored and processing continues.

User response: Make sure that a valid rate table is referenced. The rate table number must correspond with a RATE statement in the WSim network definition. The rate table number must be from 0 to 255. For more information, consult WSim Script Guide and Reference.

**ITP3113I**  INVALID USE OF CALL OR EXECUTE PROCEDURE NAME

Explanation: Either the name of a regular MSGTXT procedure is used as the target of an EXECUTE statement or the name of an EXECUTE procedure is used as the target of a CALL statement.
**ITP3114I • ITP3120I**

**System action:** The current statement is ignored and processing continues.

**User response:** You cannot CALL EXECUTE procedures or EXECUTE regular (CALLed) procedures. When an unknown name is used on an EXECUTE statement, it is automatically assigned the type of an EXECUTE procedure name. When an unknown name is used on a CALL statement, it is automatically assigned the type of a regular MSGTXT procedure name. When an MSGTXT statement containing an unknown name is processed, it is automatically assigned the type of a regular MSGTXT procedure.

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**ITP3114I  INVALID PID NUMBER USED ON “JUMP” STATEMENT**

**Explanation:** The JUMP statement contains an invalid Partition Identifier (PID) number.

**System action:** The current statement is ignored and processing continues.

**User response:** You must code an integer constant expression with a value 0 - 15 on the JUMP statement.

---

**ITP3115I  INVALID KEY CHARACTER USED ON “ESC” OR “ATTR” STATEMENT**

**Explanation:** The key character that is specified on an ESC or ATTR statement is not valid.

**System action:** The current statement is ignored and processing continues.

**User response:** The key character that is specified must be a single character string constant (enclosed in quotation marks). Lower or uppercase can be used.

For the ATTR statement, you must select a string constant from the following list:

- APL, FIELD, PSA, PSB, PSC, PSD, PSE, PSF, 'yy'x where 40 <= yy <= EF

For the ESC statement, you must select a string constant from the following list:

- APL, FIELD, GREEN, PINK, RED, TURQUOISE, WHITE, YELLOW

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**ITP3116I  INVALID COLOR SPECIFIED ON “COLOR” STATEMENT**

**Explanation:** An invalid color specification was used on a COLOR statement.

**System action:** The current statement is ignored and processing continues.

**User response:** The color that is specified must be a string constant (enclosed in quotation marks), selected from the following list. Lowercase or uppercase can be used.

- BLUE, FIELD, GREEN, PINK, RED, TURQUOISE, WHITE, YELLOW

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**ITP3117I  INVALID HIGHLIGHTING OPTION USED ON “HIGHLITE” STATEMENT**

**Explanation:** An invalid highlighting option is used on a HIGHLITE statement.

**System action:** The current statement is ignored and processing continues.

**User response:** The highlighting option that is specified must be a string constant (enclosed in quotation marks), selected from the following list. Lowercase or uppercase can be used.

- BLINK, FIELD, REVERSE, UNDERLINE

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**ITP3118I  “UTBLSCAN” ARGUMENT MUST BE AN INTEGER VARIABLE**

**Explanation:** The third argument in a UTBLSCAN function reference is not the name of an integer variable.

**System action:** The current statement is ignored and processing continues.

**User response:** If the optional third argument is used, make sure that it is the name of an integer variable.

**ITP3119I  INVALID OFFSET FOR “ATTR3270” OR “SUBSTR” FUNCTION**

**Explanation:** An invalid offset specification is used in an ATTR3270 or SUBSTR function reference.

**System action:** The current statement is ignored and processing continues.

**User response:** If an integer constant expression is used, its value for SUBSTR must be 1 - 32767 and for ATTR3270 it must be from 0 to 32766. Consult *WSim Script Guide and Reference* for a complete description of the offset argument for these functions.
ITP3121I  INVALID CHARACTER COUNT 
SPECIFIED ON “DELETE” 
STATEMENT

Explanation: An invalid character count is specified on the DELETE statement.

System action: The current statement is ignored and processing continues.

User response: The character count must be an integer expression. If it is an integer constant expression, its value must be 1 - 255.

ITP3122I  INVALID LRECL FOR INPUT DATA SET

Explanation: The STL Translator detects an invalid logical record length for the SYSIN or SYSLIB data set.

System action: STL execution is stopped if the SYSIN data set is found to be in error. Processing continues if the SYSLIB data set is found to be in error; however, all @INCLUDE statements are flagged with an error.

User response: Use an input data set with a logical record length of 255 or less if the data set has a fixed record format. An input data set with variable record format must have a logical record length of 259 or less.

ITP3123I  INVALID RECFM FOR INPUT DATA SET

Explanation: The STL Translator detects an invalid record format for the SYSIN or SYSLIB data set.

System action: STL execution is stopped if the SYSIN data set is found to be in error. Processing continues if the SYSLIB data set is found to be in error; however, all @INCLUDE statements are flagged with an error.

User response: Use an input data set with a fixed or variable record format.

ITP3125I  MSGDD UPDATE FAILED, DIRECTORY FULL

Explanation: An error occurred while updating the MSGDD data set. A new entry cannot be made into the directory for this partitioned data set.

System action: Output to the MSGDD data set is stopped. Execution of the STL Translator continues as though the NOPDSOUT execution parameter is specified.

User response: Delete unused members of the MSGDD data set and compress it. Alternatively, specify a different data set as the MSGDD data set.

ITP3126I  MSGDD UPDATE FAILED, I/O ERROR

Explanation: An error occurred while updating the MSGDD data set. Data cannot be written to the data set.

System action: Output to the MSGDD data set is stopped. Execution of the STL Translator continues as though the NOPDSOUT execution parameter is specified.

User response: Ensure that the storage device for the data set is attached and is not write-protected.

ITP3127I  MSGDD UPDATE FAILED, NO STORAGE

Explanation: An error occurred while updating the MSGDD data set. Data set storage is exhausted.

System action: Output to the MSGDD data set is stopped. Execution of the STL Translator continues as though the NOPDSOUT execution parameter is specified.

User response: Delete unused members of the MSGDD data set and compress it. Alternatively, specify a different data set as the MSGDD data set.

ITP3128I  STRING CONSTANT IS TOO LONG 
FOR “LENGTH” FUNCTION

Explanation: A string constant expression longer than 65535 characters is used as the argument of a LENGTH function reference.

System action: The current statement is ignored and processing continues.

User response: Do not use string constant expressions longer than 65535 characters when using the LENGTH function.

ITP3129I  INVALID ASYNCHRONOUS 
“LENGTH” OR “UTBLMAX” 
FUNCTION

Explanation: A string expression that is used as an argument of a LENGTH or UTBLMAX function is invalid as part of an asynchronous (ONIN or ONOUT) condition.

System action: The current statement is ignored and processing continues.

User response: Consult WSim Script Guide and Reference for a list of expressions that are invalid when coded on asynchronous statements.
ITP3130I STATEMENT NOT PERMITTED WITHIN AN EXECUTE PROCEDURE

Explanation: The statement that is flagged is not among the set of statements that can be coded within an EXECUTE procedure. The current MSGTXT procedure is identified by the STL Translator as an EXECUTE procedure because its name appeared previously as the target of an EXECUTE asynchronous subset statement.

System action: The current statement is ignored and processing continues.

User response: Remove the statement from the EXECUTE procedure. See WSim Script Guide and Reference for a list of statements that are not allowed within an EXECUTE procedure.

ITP3131I INVALID UTI NAME SPECIFIED

Explanation: A UTI statement does not contain a valid UTI name specification.

System action: The current statement is ignored and processing continues.

User response: The UTI name that is specified on the UTI statement must be an alphanumeric string constant expression 1 - 8 characters long.

ITP3132I STORAGE NOT AVAILABLE FOR VAROUT MEMBER

Explanation: Storage cannot be obtained to hold the statement correlation records which are eventually written to the VAROUT member of the MSGDD data set. These records are created when the PROGRAM execution parameter or the @PROGRAM control statement is coded. The VAROUT member of the MSGDD data set is used during WSim execution and has the name as coded on the PROGRAM execution parameter or the @PROGRAM control statement, whichever was specified.

System action: STL Translator execution continues as though the PROGRAM execution parameter or @PROGRAM control statement were not coded. The MSGDD data set is not updated.

User response: Allocate more memory for STL Translator execution.

ITP3133I MULTIPLE LABELS ON SAME STATEMENT NOT ALLOWED

Explanation: A statement is encountered that contains multiple labels. Only one label is allowed per statement.

System action: The current statement is ignored and processing continues.

User response: Remove all but one of the labels from the statement.

ITP3134I TOO MANY MSGUTBL ENTRIES FOUND. MAXIMUM IS 2147483647

Explanation: More than 2147483647 entries are found in the MSGUTBL.

System action: The entry is ignored and processing continues.

User response: Do not code more than 2147483647 entries in the MSGUTBL.

ITP3135I INVALID “REPEAT” FUNCTION STRING CONSTANT

Explanation: The string constant (first argument) specified in a REPEAT function reference is invalid.

System action: The current statement is ignored and processing continues.

User response: The REPEAT string constant argument must be a single-character string constant (enclosed in quotation marks) or a two hexadecimal digit strings constant (X'yy').

ITP3136I INVALID “REPEAT” FUNCTION INTEGER CONSTANT

Explanation: An integer constant expression is specified as the second argument of a REPEAT function reference, but the value of the expression is not within the acceptable range of 1 - 32767.

System action: The current statement is ignored and processing continues.

User response: Use only integer constant expressions with values 1 - 32767. If a longer string is required, use multiple REPEAT function references.

ITP3137I INVALID MSGTXT NAME SPECIFIED ON CALL OR EXECUTE STATEMENT

Explanation: The name that is coded as the target of a CALL or EXECUTE is not a valid MSGTXT name.

System action: The current statement is ignored and processing continues.

User response: Make sure that the name is a 1 - 8 character name that is not the name of a previously declared variable or label and is not an STL reserved word. See WSim Script Guide and Reference for a list of reserved words.
ITP3138I @PROGRAM CONTROL STATEMENT MUST PRECEDE FIRST MSGTXT
Explanation: An @PROGRAM control statement is encountered after an MSGTXT statement is processed for the current input data set.
System action: The current statement is ignored and processing continues.
User response: The @PROGRAM control statement, if coded, must appear before the first MSGTXT statement in an STL source data set. Move the control statement ahead of the first MSGTXT statement.

ITP3139I @PROGRAM NAME MUST BE ONE TO EIGHT CHARACTERS LONG
Explanation: An @PROGRAM = program_name control statement specifies a program name longer than 8 characters.
System action: The current statement is ignored and processing continues.
User response: Use a program name that is 1-8 characters long.

ITP3140I INVALID @PROGRAM NAME
Explanation: An @PROGRAM = program_name control statement specifies a program name that does not conform to the STL variable naming conventions or is a variable name that is previously declared.
System action: The current statement is ignored and processing continues.
User response: Specify a program name that conforms to STL variable naming conventions and is not declared elsewhere in your program.

ITP3141I @PROGRAM OR @IFNUM KEYWORD NOT FOLLOWED BY “=”
Explanation: An equal sign (=) does not follow the @PROGRAM or @IFNUM keyword.
System action: The current statement is ignored and processing continues.
User response: Code the @PROGRAM control statement as follows:
@PROGRAM = program_name
Code the @IFNUM control statement as follows:
@IFNUM = integer_constant

ITP3142I PREMATURE END OF INPUT DATA
Explanation: This message is caused by one of the following conditions:

- The end of the STL input data set is reached before the end of the last procedure (ENDTXT) or user table (ENDUTBL) is processed.
- The end of the STL input data set or an included member is reached before a statement or comment is completed.
- An error occurs on a preceding ENDTXT or ENDUTBL statement.

System action: The current statement is ignored and processing continues.
User response: Check for a missing ENDTXT or MSGUTBL statement or a missing ending comment delimiter (*/). Make sure that the last statement or comment coded is complete.

ITP3143I MSGUTBL NAME IS TOO LONG
Explanation: The MSGUTBL name that is specified on a UTBLMAX function reference is longer than 8 characters.
System action: The current statement is ignored and processing continues.
User response: All MSGUTBL names must be 1-8 characters long. Change the name to conform to MSGUTBL naming conventions.

ITP3144I FUNCTION INVALID IN CONTEXT
Explanation: A function that is valid only on the TYPE statement is used on some other statement. This includes the following functions: FM, NL, and TAB.
System action: The current statement is ignored and processing continues.
User response: Use the function only on a TYPE statement. For more information, consult WSim Script Guide and Reference.

ITP3145I FINAL OR INTERMEDIATE EXPRESSION VALUE EXCEEDS 2147483647 LIMIT
Explanation: An integer constant expression is evaluated by the STL Translator and is found to have a value greater than the maximum value, 2147483647, for STL integer constants.
System action: The current statement is ignored and processing continues.
User response: This error can sometimes be corrected by reordering the operations in the expression or by regrouping operations using parentheses.

For example, the following expression yields this error message because it is evaluated from left to right and 2147483640 + 10 exceeds the allowable maximum (2147483647).

\[ a = 2147483640 + 10 - 6 \]
However, the operations can be reordered in such a way as to prevent an error, as follows:
\[ a = 2147483640 - 6 + 10 \]

Alternatively, you can regroup the operations in the example to prevent an error, as follows:
\[ a = 2147483640 + (10 - 6) \]

ITP3146I  FINAL OR INTERMEDIATE EXPRESSION VALUE IS NEGATIVE

Explanation: An integer constant expression is evaluated by the STL Translator and is found to have a negative value, which is an invalid value for STL integer constants.

System action: The current statement is ignored and processing continues.

User response: This error can sometimes be corrected by reordering the operations in the expression or by regrouping operations using parentheses.

For example, the following expression yields this error message because it is evaluated from left to right and \( 5 - 10 \) results in a negative intermediate value.
\[ a = 5 - 10 + 6 \]

However, the operations can be reordered in such a way as to prevent an error, as follows:
\[ a = 5 + 6 - 10 \]

Alternatively, you can regroup the operations in the example to prevent an error, as follows:
\[ a = 5 - (10 - 6) \]

ITP3147I  INVALID EXPRESSION: POSSIBLE MISSING RIGHT PARENTHESIS

Explanation: Either a keyword or the end of a statement is encountered which would normally end an expression, but there are unmatched left parentheses in the expression, or a null function argument was coded at the end of the argument list. There might be a missing right parenthesis or too many commas coded.

System action: The current statement is ignored and processing continues.

User response: Make sure that all left parentheses in the expression have a matching right parenthesis and that commas do not appear following the arguments to a function, that is, coding INITSELF('NAME,' causes this error message.

ITP3148I  INVALID KEYWORD USED IN EXPRESSION

Explanation: A keyword was used as part of an expression.

System action: The current statement is ignored and processing continues.

User response: You can be trying to use an STL reserved word as a variable name. This is not permitted. See WSim Script Guide and Reference for a list of reserved words.

ITP3149I  INVALID @IFNUM SPECIFIED

Explanation: A @IFNUM = if_number control statement is encountered but the IF number specified is not an integer constant 1 - 255.

System action: The current statement is ignored and processing continues.

User response: Make sure the IF number that you specify is an integer constant with a value 1 - 255.

ITP3150I  MEMBER SPECIFIED ON @INCLUDE NOT FOUND IN SYSLIB

Explanation: The STL Translator cannot find the specified data set member in the SYSLIB data set.

System action: The current statement is ignored and processing continues.

User response: Make sure that the specified data set member exists in the SYSLIB data set.

ITP3151I  INVALID COMMA; FUNCTION NAME MAY BE MISSING OR MISSPELLED

Explanation: A comma is found in an expression but a function argument list is not being processed and it is not being used to continue an STL statement.

System action: The current statement is ignored and processing continues.

User response: The code might be neglected or a function name might be misspelled. Remove the comma if it is not used to separate arguments in a function reference or to continue an input statement.

ITP3152I  EVENT NAME OR TAG IS LONGER THAN EIGHT CHARACTERS

Explanation: A string constant expression is used to identify an event name or an event tag, but the constant is too long. The event name or tag must be 1 - 8 characters long.

System action: The current statement is ignored and processing continues.

User response: Shorten the event name or tag in error.
**ITP3153I INVALID STRING CONSTANT ON MSGTXT STATEMENT**

**Explanation:** The optional string constant expression that is coded on an MSGTXT statement is invalid. The constant can be longer than 37 characters, represent the null string, or include hex characters.

**System action:** The string constant is ignored and processing continues.

**User response:** Code only string constant expressions of 37 or fewer characters on the MSGTXT statement. Do not code the null string or include hex characters.

**ITP3154I INVALID UTI SPECIFICATION ON “DELAY” OR “SUSPEND”**

**Explanation:** A UTI specification on a DELAY or SUSPEND statement is invalid.

**System action:** The current statement is ignored and processing continues.

**User response:** The UTI name that is specified on these function statements must be an alphanumeric string constant expression 1-8 characters long.

**ITP3155I INVALID VERIFY DESCRIPTION**

**Explanation:** The description that is specified on the VERIFY statement is invalid.

**System action:** The current statement is ignored. Processing continues.

**User response:** Code the description as a valid string expression.

**ITP3156I COMPLEX CONDITIONS ARE NOT SUPPORTED ON “VERIFY” STATEMENT**

**Explanation:** A complex condition is coded on the VERIFY statement. The VERIFY statement only supports simple conditions, that is, those that do not contain the logical operators | or &.

**System action:** The current statement is ignored. Processing continues.

**User response:** Code only simple conditions on the VERIFY statement. See WSim Script Guide and Reference for more information about simple conditions.

**ITP3157I INVALID NUMBER OF DAYS OFFSET SPECIFIED ON “DATE” FUNCTION**

**Explanation:** The number of days offset that is specified on the DATE function is invalid.

**System action:** The current statement is ignored and processing continues.

**User response:** Code a valid number of days offset.

**ITP3158I ONIN OR ONOUT LABEL EXPECTED**

**Explanation:** The list of operands on the DEACT statement contains an invalid label name.

**System action:** The current statement is ignored and processing continues.

**User response:** Change the name that is flagged to a valid ONIN or ONOUT label name that exists in your program.

**ITP3162I EVENT NAME EXPECTED**

**Explanation:** The list of operands on the DEACT statement contains an invalid event name.

**System action:** The current statement is ignored and processing continues.

**User response:** Change the name that is flagged to a valid event name that exists in your program.

**ITP3163I INVALID ASYNCHRONOUS FUNCTION**

**Explanation:** The function that is coded is invalid on an asynchronous statement.

**System action:** The current statement is ignored and processing continues.

**User response:** Do not code the function on an asynchronous statement.

**ITP3164I VALUE OF INTEGER CONSTANT LENGTH OPERAND IS INVALID**

**Explanation:** An invalid value is coded for the length argument of the INSERT, DELSTR, LEFT, DELWORD, CENTER, OVERLAY, SUBWORD or RIGHT function.

**System action:** The current statement is ignored and processing continues.

**User response:** The length argument must be greater than or equal to zero but less than or equal to 32767. Code a value within this range.

**ITP3165I VALUE OF INTEGER CONSTANT N OPERAND IS INVALID**

**Explanation:** An invalid value is coded for the n argument of the INSERT, DELSTR, COPIES, DELWORD, D2C, OVERLAY, SPACE, SUBWORD, WORD, or WORDINDEX function.

**System action:** The current statement is ignored and processing continues.

**User response:** The n argument must be greater than or equal to zero but less than or equal to 32766 for the INSERT function. In all other cases, it must be greater
than zero but less than or equal to 32767. Code a valid value for the function you specified.

**ITP3166I**  EXPECTED @ENDNETWORK NOT FOUND IN COLUMN 1

**Explanation:** The end of STL source input is reached before finding the @ENDNETWORK statement to close a network definition.

**System action:** Processing ends.

**User response:** Code an @ENDNETWORK or @ENDNET statement in column 1 after the last statement in your network definition. Run the STL Translator again.

**ITP3167I**  Unexpected @ENDNETWORK or @ENDNET encountered

**Explanation:** An @ENDNETWORK or @ENDNET statement is found for which there is no outstanding @NETWORK or @NET statement.

**System action:** The current statement is ignored and processing continues.

**User response:** Remove the @ENDNETWORK or @ENDNET statement if not needed. You might overlook coding a corresponding @NETWORK or @NET statement, or the STL Translator recognized an error there. If the @NETWORK or @NET statement is in error, then correct it.

**ITP3168I**  PROGRAM, MSGTXT, OR MSGUTBL NAME ALREADY DEFINED

**Explanation:** The PROGRAM, MSGTXT, or MSGUTBL name you specified is defined for a previous PROGRAM, MSGTXT, or MSGUTBL in your STL input data set.

**System action:** The current statement is ignored and processing continues.

**User response:** Code a name unique to all PROGRAM, MSGTXT, and MSGUTBL statements in your STL input data set.

**ITP3169I**  MULTIPLE @NETWORK OR @NET CONTROL STATEMENTS ENCOUNTERED

**Explanation:** More than one @NETWORK control statements are processed for the current STL source data set. Only one is permitted.

**System action:** The current statement is ignored and processing continues.

**User response:** Place all network definition statements between one set of @NETWORK and @ENDNETWORK statements. Remove duplicate @NETWORK control statements.

**ITP3170I**  @NETWORK MUST PRECEDE FIRST STL STATEMENT

**Explanation:** An @NETWORK control statement is found after other STL statements were processed. You can only code comments before the @NETWORK statement.

**System action:** The current statement is ignored and processing continues.

**User response:** Move the @NETWORK statement and network definition statements before the first STL statement in the input data set.

**ITP3171I**  NO NETWORK FOUND BETWEEN @NETWORK AND @ENDNETWORK STATEMENTS

**Explanation:** No WSim PREP or NTWRK statement is specified between the @NETWORK and @ENDNETWORK control statements.

**System action:** The preprocessor is not started and all network definition statements are ignored.

**User response:** Code a WSim NTWRK or PREP statement within your network definition.

**ITP3172I**  NETWORK DEFINITION IS IN PREPROCESSOR OUTPUT BELOW

**Explanation:** The WSim network definition statements you coded between the STL @NETWORK and @ENDNETWORK statements can be found in a preprocessor listing following the STL listings in the SYSPRINT data set. If the NOLIST execution parameter was coded, the network definition statements are not listed in the SYSPRINT data set.

**System action:** Processing continues.

**User response:** None.

**ITP3173I**  INPUT IGNORED UP TO FIRST NTWRK OR PREP STATEMENT

**Explanation:** Input records were detected in the network definition before processing a valid NTWRK or PREP statement. These records were ignored.

**System action:** Processing continues when an NTWRK or PREP statement is found in the input stream.

**User response:** Make the first WSim statement in your network definition be either an NTWRK or PREP statement to remove this message.

**ITP3174I**  MEMBER NOT STORED, DIRECTORY FULL

**Explanation:** The STL Translator fails to store the data set member because the directory has no more space.

**System action:** Processing continues.
User response: Delete unwanted data set members or allocate another data set with more space and run the STL Translator again.

ITP3175I MEMBER NOT STORED, I/O ERROR
Explanation: The STL Translator fails to store the data set member because of an error reading from or writing to the data set.
System action: Processing ends.
User response: Investigate the problem with the data set or use a different data set. Run the STL Translator again.

ITP3176I MEMBER NOT STORED, NO STORAGE
Explanation: The STL Translator fails to store the data set member because of insufficient storage.
System action: Processing ends.
User response: Allocate a larger region size and run the STL Translator again.

ITP3177I DATA SET COULD NOT BE OPENED FOR OUTPUT
Explanation: The STL Translator cannot open the output data set. This error can occur if you defined the same data set for more than one data set definition statement.
System action: Processing ends.
User response: Make sure that a unique data set is specified for this data set definition and it is available.

ITP3178I NETWORK NOT FOUND
Explanation: A network cannot be found in the INITDD. A PREP statement in the network definition might specify a network name that is not previously preprocessed.
System action: Processing continues.
User response: Preprocess the network that is specified in the PREP statement and run the STL Translator again.

ITP3179I MEMBER ADDED TO DATA SET
Explanation: The network is successfully processed and the data set member is stored in the data set named.
System action: Processing ends.
User response: None.

ITP3180I MEMBER REPLACED IN DATA SET
Explanation: The network is successfully processed and the data set member replaces an existing member by the same name in the data set named.
System action: Processing ends.
User response: None.

ITP3181I XXXXXX BYTES ARE REQUIRED FOR THIS NETWORK
Explanation: The network being processed requires the indicated number of bytes of storage for its control blocks.
Note: Because of storage fragmentation, this is not the full region size necessary to run the network. This figure does not include the storage that is needed for the WSim execution code.
System action: If this is the last network to be preprocessed, processing ends. If not, preprocessing of the next network begins.
User response: None.

ITP3182I XXXXXX BLOCKS OF TEXT DATA REQUIRED FOR THIS NETWORK
Explanation: The network being processed requires the indicated number of MSGTXT data blocks.
System action: If this is the last network to be preprocessed, processing ends. If not, preprocessing of the next network begins.
User response: When the MSGDISK statement is included in the network definition, the number (or a larger value) must be specified for the SPACE parameter on the DD card that is referenced by the DDNAME operand, or the SPACE operand value on the MSGDISK statement.

ITP3183I EXPECTED @PROGRAM CONTROL STATEMENT NOT FOUND
Explanation: An STL statement is detected after an @ENDPROGRAM statement for which there is no corresponding @PROGRAM statement.
System action: The current statement is ignored and processing continues.
User response: Code an @PROGRAM control statement before any statements following an @ENDPROGRAM statement to begin a new program.
ITP3184I  EXPECTED @ENDPROGRAM CONTROL STATEMENT NOT FOUND

Explanation: An @PROGRAM control statement is encountered before the @ENDPROGRAM for the previous program.

System action: The current statement is ignored and processing continues.

User response: Code an @ENDPROGRAM statement to close the program before beginning a new one.

ITP3185I  UNEXPECTED @ENDPROGRAM CONTROL STATEMENT ENCOUNTERED

Explanation: An @ENDPROGRAM control statement is found for which there is no outstanding @PROGRAM statement.

System action: The current statement is ignored and processing continues.

User response: Remove the @ENDPROGRAM statement if not needed. You might overlook coding a corresponding @PROGRAM statement, or the STL Translator recognized an error on the @PROGRAM statement. If the @PROGRAM statement is in error, then correct it.

ITP3186I  NETWORK DEFINITION NOT PREPROCESSED - NOPREP SPECIFIED

Explanation: Since NOPREP is specified as an execution parameter, the preprocessor is not invoked to verify your network definition statements. They are ignored by the STL Translator and are not listed in the output.

System action: Processing continues.

User response: None.

ITP3187I  NETWORK DEFINITION PREPROCESSED - NOLIST SPECIFIED

Explanation: The preprocessor is invoked to verify your network definition statements; however, because NOLIST is specified as an execution parameter, only errors are listed in the output.

System action: Processing continues.

User response: None.

ITP3188I  NETWORK DEFINITION NOT FOUND - NOTRAN SPECIFIED

Explanation: Since the NOTRAN execution parameter is specified, the STL Translator tried to find a network definition. One is not found so the Preprocessor is not invoked.

System action: Processing ends.

User response: Code a network definition when specifying the NOTRAN execution parameter.

ITP3189I  TRANSLATION SUSPENDED - NOTRAN SPECIFIED

Explanation: Because the NOTRAN execution parameter is specified, the STL Translator verified only the @NETWORK and @ENDNETWORK statements and the preprocessor is invoked immediately to verify the network definition statements. The rest of the STL input data set is ignored.

System action: Processing continues.

User response: None.

ITP3190I  CONFLICTING EXECUTION PARAMETERS - NOPREP, NOTRAN

Explanation: Both NOPREP and NOTRAN are specified as execution parameters.

System action: Processing ends.

User response: Code either NOPREP or NOTRAN as an execution parameter, not both.

ITP3191I  UNEXPECTED DATA FOUND AFTER CONTROL STATEMENT

Explanation: Data other than a comment is coded on the same line after an @NETWORK, @INCLUDE, or @ENDPROGRAM statement.

System action: The current statement is ignored and processing continues.

User response: Move the data that is coded after the control statement to another line or delete it.

ITP3192I  NETWORK NAME ALREADY DEFINED

Explanation: An NTWRK statement was found in your network definition with the same name as a previous NTWRK statement.

System action: Only the last instance of the NTWRK statement is preprocessed. Previous instances with the same name are ignored.

User response: Code unique names for all NTWRK statements in your network definition.

ITP3193I  MEMBER NAME INCLUDED RECURSIVELY

Explanation: The data set member that is specified is being included by another @INCLUDE statement.

System action: The current statement is ignored and processing continues.

User response: Code @INCLUDE statements in
included partitioned data set members so that they do not reference the same partitioned data set members recursively.

**ITP3194I CONTINUATION NOT ALLOWED**

**Explanation:** The STL Translator encountered an @INCLUDE statement in the WSim network definition that indicates continuation.

**System action:** The current statement is ignored and processing continues.

**User response:** Code a complete @INCLUDE statement in the WSim network definition. Do not attempt to continue any comments after the statement to the next line.

**ITP3195I SYSUT1 UPDATE FAILED, DIRECTORY FULL**

**Explanation:** An error occurred while updating the SYSUT1 data set. A new entry cannot be made into the directory for this partitioned data set.

**System action:** Output to the SYSUT1 data set is stopped. Execution of the STL Translator continues as though the NOPDSOUT execution parameter was specified.

**User response:** Delete unused members of the SYSUT1 data set and compress it. Alternatively, specify a different data set as the SYSUT1 data set.

**ITP3196I SYSUT1 UPDATE FAILED, I/O ERROR**

**Explanation:** An error occurred while updating the SYSUT1 data set. Data cannot be written to the data set.

**System action:** Output to the SYSUT1 data set is stopped. Execution of the STL Translator continues as though the NOPDSOUT execution parameter was specified.

**User response:** Ensure that the storage device for the data set is attached and is not write-protected.

**ITP3197I SYSUT1 UPDATE FAILED, NO STORAGE**

**Explanation:** An error occurs while updating the SYSUT1 data set. Data set storage is exhausted.

**System action:** Output to the SYSUT1 data set is stopped. Execution of the STL Translator continues as though the NOPDSOUT execution parameter is specified.

**User response:** Delete unused members of the SYSUT1 data set and compress it. Alternatively, specify a different data set as the SYSUT1 data set.

**ITP3198I INVALID MODULE NAME ARGUMENT SPECIFIED**

**Explanation:** The module name that is specified as an argument on the USEREXIT statement is invalid.

**System action:** The current statement is ignored and processing continues.

**User response:** Code a valid string constant expression for the module name. It must be 1 - 8 alphanumeric characters and must conform to standard JCL member naming conventions. That is, each character must be one of: A-Z, a-z, #, $, @, 0-9, with the first character alphabetic. The characters must be enclosed in single or double quotation marks.

**ITP3199I INVALID PARAMETER LIST ARGUMENT SPECIFIED**

**Explanation:** The parameter list that is specified as an argument on the USEREXIT statement is too long or invalid.

**System action:** The current statement is ignored and processing continues.

**User response:** Code a valid string constant expression (<=100 characters) for this argument.

**ITP3200I CPI-C VERB PARAMETER SPECIFICATION INVALID**

**Explanation:** A parameter on a CPI-C verb is specified incorrectly.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Correct the CPI-C verb parameter specification. Input parameters can be specified as STL variable names, named constants, or literal values. Output parameters can be specified as STL variable names only. Parameters with a character data type must be specified using string variables, string named constants, or quoted literals. Parameters with a numeric data type must be specified using integer variables, integer named constants, or numeric literals. Refer to the STL statement reference in WSim Script Guide and Reference for more information about specifying CPI-C verbs in STL.

**ITP3201I INVALID OFFSET DIRECTION ARGUMENT FOR DATE FUNCTION**

**Explanation:** An invalid offset direction for the DATE function is specified. Only a single-byte string constant with a value of ‘+’ or ‘-‘ can be specified for this argument.

**System action:** The current statement is ignored and processing continues.

**User response:** Code a valid date offset direction
argument. Valid offset direction arguments are ‘+’ and ‘-’, indicating the direction of offset from the current date.

**ITP3202I** INVALID OPTION ARGUMENT FOR "STRIP" FUNCTION

**Explanation:** This message indicates that an invalid option is specified.

**System action:** The current statement is ignored and processing continues.

**User response:** The valid options are B, L, and T.

**ITP3203I** SEQUENCE NUMBER VALUE TOO LARGE

**Explanation:** This message indicates that the sequence number value specified is too large.

**System action:** The current statement is ignored and processing continues.

**User response:** Specify a sequence number value 0 - 65535.

**ITP3204I** SEQUENCE ACTION VALUE INVALID

**Explanation:** This message indicates that an invalid action is specified.

**System action:** The current statement is ignored and processing continues.

**User response:** The valid action values are IGNORE, SET, TEST, or TESTSET.

**ITP3205I** SAY STATEMENT TYPE OPTION INVALID

**Explanation:** This message indicates that the TYPE option specified on the SAY statement is invalid.

**System action:** The current statement is ignored and processing continues.

**User response:** The valid TYPE option is ABRHD.

**ITP3206I** IMPLICIT VARIABLE DEFINITION DISALLOWED BY NOIMPLICIT OPTION

**Explanation:** This message indicates that the NOIMPLICIT option is specified and the implicit definitions variables are not allowed.

**System action:** The current statement and the remainder of the current line is ignored. Processing continues with the next input line.

**User response:** Ensure that the flagged variable definition is specified correctly. If correctly specified, then declare it using a BIT, INTEGER, STRING, or ALLOCATE statement.

### STL loglist messages (3500 - 3599)

This section describes the STL trace messages that are written on the WSim log tape during WSim simulation runs.

All of the STL trace messages contain an STL header before the trace data. This header has the following format:

**PROGRAM=XXXXXXXX STMT#=YYYYY PROCEDURE=ZZZZZZZZ: trace message**

The following information is contained in these records:

**XXXXXXXX**

The program name as specified on the PROGRAM execution parameter or the STL @PROGRAM statement.

**YYYYY**

The number of the STL statement being traced by this STL trace record.

**ZZZZZZZZ**

The name of the STL procedure currently being executed.

**trace message**

A message that describes the activity for the statement being traced.

**ITP3501I** TRACE CORRELATION RECORDS NOT FOUND FOR THE PROCEDURE

**Explanation:** When the procedure referred to was translated, STL trace information was requested (either the @PROGRAM statement was coded or the PROGRAM execution parameter was specified). Since this program was translated, another program is
translated using the same program name.

**System action:** No STL trace messages are displayed.

**User response:** Retranslate the original program using a unique program name.

---

**ITP3502I**  
MAXIMUM CALL LEVEL EXCEEDED;  
ATRDECK NOT CALLED

**Explanation:** The maximum call level, specified by the MAXCALL operand (default=5), is exceeded.

**System action:** The CALL is not executed. If ATRDECK NOT CALLED is included in the message then the ATRDECK deck operand is not executed.

**User response:** Execution continues with the statement after the CALL statement.

---

**ITP3503I**  
RETURN IGNORED

**Explanation:** A RETURN statement is encountered at the indicated statement number, but the current STL procedure is not initiated with a CALL statement.

**System action:** Execution continues with the statement following the RETURN.

**User response:** Remove the RETURN statement if it is erroneous.

---

**ITP3504I**  
EXECUTE PROCEDURE OR ASYNCHRONOUS SUBSET STATEMENT(S) ENDED

**Explanation:** Either the currently executing procedure, asynchronous subset statement, or asynchronous subset statement group ends.

**System action:** The current execute procedure, asynchronous subset statement, or asynchronous subset statement group is ended.

**User response:** None. This message is for information only.

---

**ITP3505I**  
STRING VARIABLE variable_name IS NULL STRING

**Explanation:** The named string variable was used in a string expression but was null at the time of its use.

**System action:** The null string ("") is used.

**User response:** This message is meant as a warning that the null string might be inadvertently used in an expression.

---

**ITP3506I**  
STRING VARIABLE variable_name IS INVALID

**Explanation:** The named string variable data that is used in a DBCS function is invalid.

**System action:** The DBCS function is not performed and no string variable data is altered.

**User response:** Change your STL program to reference valid string variable data for the DBCS function wanted.

---

**ITP3507I**  
STRING VARIABLE variable_name MAY HAVE BEEN TRUNCATED

**Explanation:** Data is assigned to the variable variable_name that might be truncated.

**System action:** The value assigned to variable_name might be truncated.

**User response:** If the SAVEAREA operand is coded for the terminal, the length specified might be too small to hold the value being assigned. To avoid this message (and the truncation of string values), increase the length of explicitly defined save areas or remove the SAVEAREA operand completely and let WSim allocate save areas dynamically.

---

**ITP3508I**  
PROCEDURE ISSUED A CPI-C VERB, BUT IS NOT PART OF A TP

**Explanation:** A CPI-C verb is encountered, but this STL procedure is not defined to be part of a simulated Transaction Program (TP). CPI-C verbs can only be issued by STL procedures that are part of a simulated Transaction Program. The PATH operand on the TP network definition statement defines what STL procedures are part of the TP.

**System action:** The verb is ignored and execution continues.

**User response:** Define the STL procedure to be part of a TP path by adding it to a path that is referenced by the PATH operand on one or more TP network definition statements, or remove the CPI-C verb from the STL procedure.

---

**ITP3509I**  
event_name SIGNALED; action

**Explanation:** The named event is signaled by this terminal, some other terminal in the network, or the WSim operator.

**System action:** An ON SIGNALED condition is satisfied for this terminal and the specified action taken. The actions that can be taken are as follows:

- **ABORT, PROCEDURE procedure_name[AT STMT# statement_number] STARTED:** The current procedure stops. Execution will continue with the named STL procedure at the indicated statement number. A statement_number only appears if the procedure_name was translated as part of the currently executing STL program.
- **bit_variable = {ON|OFF}:** The named bit variable was set on or off.
- **{CALLED|EXECUTE} PROCEDURE procedure_name [AT STMT# statement_number]:** The named STL
procedure at the indicated statement number was
called or executed. A statement_number only appears
if the procedure_name was translated as part of the
currently executing STL program.

EXECUTE ASYNCHRONOUS SUBSET
STATEMENT(S): One or more asynchronous
statements are being executed.

QUIESCE CONDITION SATISFIED: A QUIESCE
UNTIL condition was satisfied. STL program
execution will resume after the terminal’s
intermessage delay expires.

WAIT CONDITION SATISFIED: A WAIT UNTIL
condition was satisfied. The terminal’s WAIT
indicator is reset and STL program execution will
resume after the terminal’s intermessage delay
expires.

User response: The statement number that is indicated
on this record is the number of the ON SIGNALED
condition satisfied. Check the action clause of the
message to see the result of the signal.

ITP3510I IF CONDITION [MET | NOT MET]

Explanation: The IF condition at the specified
statement number is either met or not met.

System action: If met, the THEN portion of the IF
statement is executed. If not met, the ELSE portion (if
present) is taken. If an ELSE is not specified, execution
continues with the statement following the IF
statement.

User response: None. This message is for information
only.

ITP3511I WHEN CONDITION [MET | NOT MET]

Explanation: The WHEN condition on the indicated
statement was either met or not met.

System action: If met, the statements that are
associated with the WHEN condition is executed. If not
met, the next WHEN condition in this SELECT group is
evaluated. If this is the last WHEN in the group and
the condition is not met, the OTHERWISE statement is
executed.

User response: None. This message is for information
only.

ITP3512I DO WHILE CONDITION [MET | NOT
MET]

Explanation: The DO WHILE condition on the
indicated statement is either met or not met.

System action: If met, the statements within the DO
WHILE group is executed. If not met, the DO WHILE
loop is ended and execution continues after the END
statement that marks the end of the loop.

User response: None. This message is for information
only.

ITP3513I ITERATIVE DO [ENDED | EXECUTED]

Explanation: If ENDED then the iterative DO
statement group completes. If EXECUTED, then
execution of an iterative DO statement group begins.

System action: If ENDED then execution will
continue with the next statement after the END
statement that marks the end of the loop. If
EXECUTED, the statements within the iterative DO
statement group is executed.

User response: None. This message is for information
only.

ITP3514I [ONIN | ONOUT] CONDITION status

Explanation: The ONIN or ONOUT condition at the
indicated statement number is met, not met, or not
evaluated. If met, an action might be executed.

System action: The following messages are the
possible status messages:

- **MET; action:** The condition was met. The following
  actions are the actions that can be taken:
    
    ABORT, PROCEDURE procedure_name[AT
    STMT# statement_number] STARTED: The current
    procedure stops. Execution continues with the
    named STL procedure at the indicated statement
    number. A statement_number only appears if the
    procedure_name was translated as part of the
    currently executing STL program.
    
    bit_variable = [ON | OFF]: The named bit variable
    was set on or off.
    
    [CALLED | EXECUTE] PROCEDURE
    procedure_name [AT STMT# statement_number]:
    The named STL procedure at the indicated
    statement number was called or executed. A
    statement_number only appears if the
    procedure_name was translated as part of the
    currently executing STL program.
    
    DELAY OR SUSPEND CANCELED: The
terminal’s intermessage delay or the current
SUSPEND interval has been canceled. STL
program execution for this terminal will resume
shortly.
    
    EXECUTE ASYNCHRONOUS SUBSET
    STATEMENT(S): One or more asynchronous
    statements are being executed.
    
    NO RESPONSE WILL BE SENT: The NORESP
    action was coded on the ONIN or ONOUT
    statement. WSim will not automatically send a
    response to this message. The response must be
    generated by the STL program.

QUIESCE CONDITION SATISFIED: A
QUIESCE UNTIL condition was satisfied. STL
program execution will resume after the terminal's intermessage delay expires.

SCREEN OR BUFFER SAVED: The current screen image (display terminals), terminal buffer data (nondisplay terminals), or a substring of this data has been assigned to a string variable.

WAIT CONDITION SATISFIED: A WAIT UNTIL condition was satisfied. The terminal's WAIT indicator is reset and STL program execution will resume after the terminal's intermessage delay expires.

- MET BUT IGNORED; PREVIOUS CALL PROCESSED: Although the condition was met, the CALL action was not executed because a previous ONIN or ONOUT condition with a CALL action was met.

- NOT MET: The ONIN or ONOUT condition at the indicated statement number was not met. No action was taken.

User response: None. This message is for information only.

ITP3515I  EXECUTION RESUMES

Explanation: Execution resumes after an interruption or suspension.

System action: The statement number that is indicated on this message is the number of the next STL statement to be executed.

User response: None. This message is for information only.

ITP3516I  WAIT OR TRANSMIT INTERRUPT BEGINS

Explanation: Execution is interrupted by a WAIT, TRANSMIT, or QUIESCE statement.

System action: Execution resumes when the interrupt completes.

User response: None. This message is for information only.

ITP3517I  EXECUTION SUSPENDED

Explanation: Execution of the specified STL procedure is suspended due to the SUSPEND statement at the indicated statement number.

System action: Execution resumes after the time interval specified on the SUSPEND statement expires.

User response: None. This message is for information only.

ITP3518I  EXECUTION INTERRUPTED

Explanation: The execution of the STL program is interrupted. The statement number shown is the number of the statement to be executed when execution resumes. This message will be logged after an INITSELF, TERMSELF, SNACMND, or USEREXIT statement is executed, or when program execution is interrupted to determine an initial delay for a terminal.

Notes:

- If program execution was interrupted to determine an initial delay and the first statement in the STL procedure was not a DELAY statement, the statement number shown on this record can be less than the number indicated on the previous EXECUTION RESUMES message. This indicates that no statements were executed. The following trace message shows an example of this situation.

```
PROGRAM= MYPROG STMT# - 00178
PROCEDURE= LOGON: EXECUTION RESUMES
PROGRAM= MYPROG STMT# - 00177
PROCEDURE= LOGON: EXECUTION INTERRUPTED
```

- If program execution was interrupted to run a user exit, the statement that is shown on this record indicates the last statement executed before the interrupt, namely, the USEREXIT statement.

System action: The statement number following the one indicated on this message is the number of the next STL statement to be executed.

User response: None. This message is for information only.

ITP3519I  EXECUTION CONTINUES

Explanation: One message generation path entry is executed and execution is continuing with the next entry in the path. The new path entry and its statement number are indicated on the record.

System action: Execution of the new path entry begins.

User response: None. This message is for information only.

ITP3520I  LEAVE EXECUTED

Explanation: A LEAVE statement within a DO WHILE, iterative DO, or DO FOREVER group was executed.

System action: The DO group is exited and execution continues with the next statement after the END statement that marks the end of the loop.

User response: None. This message is for information only.
ITP3521 I  ITERATE EXECUTED
Explanation: An ITERATE statement within a DO WHILE, iterative DO, or DO FOREVER group is executed.
System action: For a DO WHILE group, execution continues at the top of the group, where the DO WHILE condition is evaluated. For an iterative DO group, the loop control variable is incremented by the specified increment value (default=1) and execution then continue at the top of the DO group where the exit condition is tested. For a DO FOREVER group, execution continues at the top of the group.
User response: None. This message is for information only.

ITP3522 I  PROCEDURE procedure_name [AT STMT# statement_number] CALLED
Explanation: The named procedure at the indicated statement_number is called. A statement_number only appears if the procedure_name was translated as part of the currently executing STL program.
System action: Execution begins with the new procedure.
User response: None. This message is for information only.

ITP3523 I  RETURN TO [STMT# statement_number] IN] PROCEDURE procedure_name
Explanation: A RETURN or ENDTXT statement was executed, causing the current STL procedure to return control to its caller, procedure_name.
System action: Control is returned to the statement indicated by statement_number. A statement_number only appears if the procedure_name was translated as part of the currently executing STL program.
User response: None. This message is for information only.

ITP3524 I  CONSOLE RECOVERY EXECUTION BEGINS
Explanation: A terminal enters message generation for console recovery. This message is logged only after the WSim operator issues the F (Console Recovery) operator command. For more information about console recovery, see WSim User's Guide.
System action: Execution begins for console recovery.
User response: None. This message is for information only.

ITP3525 I  EVENT event_name [POSTED | SIGNALED | RESET | QSIGNALED]
Explanation: The named event is posted, signaled, reset, or qsignaled. The statement number indicated is the statement that caused the event to be posted, signaled, reset, or qsignaled.
System action: The event_name is posted, signaled, reset, or qsignaled as indicated by the message.
User response: None. This message is for information only.

ITP3526 I  REPEAT LENGTH INVALID: NULL STRING IS USED
Explanation: A variable or expression is specified as the second argument (length) of a REPEAT function; however, the value of the variable or expression at the time of its evaluation is not within the permitted range of 1 to 32767.
System action: The REPEAT function returned the null string.
User response: Ensure that the value specified as the second argument of the REPEAT function is in the range of 1 - 32767.

ITP3527 I  STATEMENT RESULT IS UNPREDICTABLE: reason
Explanation: For the reason stated the results of the STL statement indicated by the statement_number are unpredictable.
The reasons are as follows:
DIVISION BY ZERO ATTEMPTED: An attempt was made on the statement to divide by zero.
NO DATA FOR E2D OR C2D TO CONVERT: An E2D or C2D function was specified but no data was found in the supplied string to convert to decimal.
NON-DISPLAY DEVICE CHECKED CURSOR: A CROW, CCOL, or COFF function was referenced but the device being run is a non-display device; it has no cursor.
RANDOM NUMBER RANGE IS INVALID: A RANDOM number was specified with an invalid range.
System action: The result of the statement is unpredictable.
User response: Correct the reason for the error as follows:
DIVISION BY ZERO ATTEMPTED: Do not divide by zero.
NO DATA FOR E2D OR C2D TO CONVERT: Ensure that the string expression specified on the E2D or C2D function contains numeric data.
NON-DISPLAY DEVICE CHECKED CURSOR:
Either change the device to be a display device or
do not issue these functions when running with this
device type.

RANDOM NUMBER RANGE IS INVALID:
Specify low and high values from 0-2147483647
where the low value is less than the high value.

ITP3528I  RANDOM NUMBER RANGE IS INVALID
Explanation:  The random number range specified on
the RNUM function or the random number range
specified on the RANDOM function coded within the
DELAY statement is invalid.
System action: For the RNUM function, the result
returned is null. For the DELAY statement, it acts as if
DELAY(0) was coded.
User response: Specify low and high values from
0-2147483647 where the low value is less than the high value.

ITP3529I  DO FOREVER EXECUTED
Explanation:  The program is executing within a DO
FOREVER statement group.
System action: The statements within the DO
FOREVER statement group is executed.
User response: None. This message is for information
only.

ITP3530I  OTHERWISE ACTION TAKEN
Explanation:  The OTHERWISE action on the indicated
statement is taken.
System action: The statement or statement group
following the OTHERWISE keyword is executed.

CPI-C loglist messages (4001 - 4030)
This section describes trace messages that might be written to the WSim log when
simulating CPI-C transaction programs.

ITP4001I  CPI-C VERB vername ISSUED:
Conversation State = state
Explanation:  A CPI-C verb is issued by a simulated
Transaction Program. The CPI-C verb that is issued is
vername. The CPI-C conversation state when the verb
is issued is state.
System action: Execution continues.
User response: None. This message is issued for
tracing CPI-C verb flows in the WSim log. It is issued
only if the CPITRACE=MSG operand is specified for
the TP instance.

ITP4002I  CPI-C VERB vername COMPLETED:
Return Code = rcl (rc), Conversation
State = state.
Explanation:  A CPI-C verb that is issued by a
simulated Transaction Program completes execution.
The CPI-C verb that completed is vername. The literal
value for the verb return code is reported as rcl, and
the numeric value is reported as rc. The CPI-C
conversation state after the verb completed is state.
System action: Execution continues.
User response: None. This message is issued for
tracing CPI-C verb flows in the WSim log. It is issued
only if the CPITRACE=MSG operand is specified for
the TP instance. The WSim script must examine the verb return code after issuing a CPI-C verb. If special processing of nonzero return codes is necessary, logic must be coded in the WSim script to handle this.

**ITP4003I CONVERSATION ID cid NOT FOUND**

**Explanation:** The conversation ID specified on a CPI-C verb does not match the conversation ID for any active conversation.

**System action:** The CPI-C verb return code is set to CM_Program_Parameter_Check, and execution continues.

**User response:** If this result is not expected, make sure the conversation ID that is returned on the Accept Conversation (CMACCP) or Initialize Conversation (CMINIT) CPI-C verbs is properly saved. This conversation ID must be used on all subsequent CPI-C verbs issued for this conversation.

**ITP4004I MAPPED CONVERSATION INCOMPATIBLE WITH CURRENT CONVERSATION CHARACTERISTICS**

**Explanation:** The SET_CONVERSATION_TYPE (CMSCT) CPI-C verb is issued with a conversation type of mapped (CM_Mapped_Conversation), and one or more of the current conversation characteristics is incompatible with a mapped conversation. Either the current fill characteristic for the conversation is CM_Fill_Buffer, or a prior call to the SET_LOG_DATA (CMSLD) CPI-C verb is still in effect, or both. For mapped conversations, the fill characteristic must be CM_Fill_LL, and log data is not permitted.

**System action:** The CPI-C verb return code is set to CM_Program_Parameter_Check, and execution continues.

**User response:** If the fill characteristic is incorrect, issue the SET_FILL (CMSF) CPI-C verb to change the fill characteristic for the conversation to CM_Fill_LL. If CPI-C log data is outstanding for the conversation, either send the log data to the conversation partner, or issue the SET_LOG_DATA (CMSLD) CPI-C verb to change the log data length to 0. An alternative to the above actions is to change the SET_CONVERSATION_TYPE CPI-C verb to set the conversation type to basic (CM_Basic_Conversation). For more information about the SET_CONVERSATION_TYPE verb and conversation characteristics, refer to SAA Common Programming Interface Communications Reference.

**ITP4005I CPI-C VERB verbname INVALID FOR MAPPED CONVERSATION**

**Explanation:** A CPI-C verb is issued that is not allowed for conversations with a conversation type of mapped (CM_Mapped_Conversation). The CPI-C verb that is issued is verbname.

**System action:** The CPI-C verb return code is set to CM_Program_Parameter_Check, and execution continues.

**User response:** Remove the CPI-C verb from the WSim script, or issue the SET_CONVERSATION_TYPE (CMSCT) CPI-C verb to change the conversation type to basic (CM_Basic_Conversation). For more information about CPI-C verbs that are invalid for mapped conversations, refer to SAA Common Programming Interface Communications Reference.

**ITP4006I CHARACTERISTIC SPECIFIED ON verbname CPI-C VERB INCOMPATIBLE WITH CONVERSATION SYNC-LEVEL - CHARACTERISTIC = charname**

**Explanation:** A CPI-C verb that modifies conversation characteristics is issued, and a characteristic is incompatible with the current sync-level of the conversation. The CPI-C verb is verbname, and the characteristic that is incompatible is charname. The current conversation sync-level is CM_None. The characteristic in error is valid only when the sync-level is CM_Confirm.

**System action:** The CPI-C verb return code is set to CM_Program_Parameter_Check, and execution continues.

**User response:** Issue the SET_SYNC_LEVEL (CMSSSL) CPI-C verb to change the sync-level for the conversation to CM_Confirm, or change the CPI-C verb that is in error to set the conversation characteristic to a value that is compatible with a sync-level of CM_None. For more information about CPI-C verbs and conversation sync-levels, refer to SAA Common Programming Interface Communications Reference.

**ITP4007I SYNC-LEVEL INCOMPATIBLE WITH CONVERSATION CHARACTERISTICS**

**Explanation:** A SET_SYNC_LEVEL (CMSSSL) CPI-C verb is issued attempting to set the conversation sync-level to CM_None. This setting is incompatible with the current conversation characteristics. One or more of the following conversation characteristics is causing the conflict:
- Send type is CM_Send_and_Confirm
- Preparate-to-receive type is CM_Prep_To_Receive_Confirm
- Deallocate type is CM_Deallocate_Confirm

**System action:** The CPI-C verb return code is set to CM_Program_Parameter_Check, and execution continues.

**User response:** Issue the appropriate CPI-C verb(s) to change any incompatible conversation characteristics to values compatible with a sync-level of CM_None, or change the SET_SYNC_LEVEL verb to set the sync-level to CM_Confirm. For more information about the SET_SYNC_LEVEL CPI-C verb and conversation characteristics, refer to SAA Common Programming Interface Communications Reference.
User response: If this result is not expected, change the WSim script so that the CPI-C verb is not issued when the conversation is in the current state. For information on the CPI-C verbs that are valid in specific conversation states, refer to SAA Common Programming Interface Communications Reference.

ITP4008I  CPI-C VERB verbname MAY NOT BE ISSUED FROM CONVERSATION STATE state

Explanation: It is not valid to issue the specified CPI-C verb in the current conversation state. The CPI-C verb is verbname, and the current conversation state is state.

System action: The CPI-C verb return code is set to CM_Program_Parameter_Check, and execution continues.

User response: If the name is not found in the side information table defined for the APPCLU. The symbolic destination name is specified correctly, either add an entry to the side information table on the INITIALIZE_CONVERSATION CPI-C verb to a string of 8 blanks.

Note: If the parameter is set to 8 blanks, CPI-C set verbs must then be issued to set the partner LU, mode, and TP names.

Refer to WSim Script Guide and Reference and the CPI-C chapter in Creating WSim Scripts for more information about defining side information table entries in WSim. For more information about the CPI-C architecture definition of symbolic destination names and the side information table, refer to SAA Common Programming Interface Communications Reference.

ITP4009I  SIDE INFORMATION TABLE NOT DEFINED

Explanation: A symbolic destination name is specified on an INITIALIZE_CONVERSATION (CMINIT) CPI-C verb and no side information table is defined for the APPCLU.

System action: The CPI-C verb return code is set to CM_Program_Parameter_Check, and execution continues.

User response: Either define a side information table, or set the symbolic destination parameter on the INITIALIZE_CONVERSATION CPI-C verb to a string of 8 blanks.

Note: If the parameter is set to 8 blanks, CPI-C set verbs must then be issued to set the partner LU, mode, and TP names.

Refer to WSim Script Guide and Reference and the CPI-C chapter in Creating WSim Scripts for more information about defining side information table entries in WSim. For more information about the CPI-C architecture definition of symbolic destination names and the side information table, refer to SAA Common Programming Interface Communications Reference.

ITP4010I  SYMBOLIC DESTINATION NAME sdn NOT FOUND IN SIDE INFORMATION TABLE

Explanation: A symbolic destination name is specified on an INITIALIZE_CONVERSATION (CMINIT) CPI-C verb and the name is not found in the side information table defined for the APPCLU. The symbolic destination name is sdn.

System action: The CPI-C verb return code is set to CM_Program_Parameter_Check, and execution continues.

User response: Make sure the symbolic destination name parameter on the INITIALIZE_CONVERSATION CPI-C verb is specified correctly. If the name is specified correctly, either add an entry to the side information table to define this symbolic destination name, or set the symbolic destination name parameter on the INITIALIZE_CONVERSATION CPI-C verb to a string of 8 blanks.

Note: If the parameter is set to 8 blanks, CPI-C set verbs must then be issued to set the partner LU, mode, and TP names.

Refer to WSim Script Guide and Reference and the CPI-C chapter in Creating WSim Scripts for more information about defining side information table entries in WSim. For more information about the CPI-C architecture definition of symbolic destination names and the side information table, refer to SAA Common Programming Interface Communications Reference.

ITP4011I  ATTACH REQUEST RECEIVED FOR UNDEFINED TRANSACTION PROGRAM - lutype LU = lu, TP NAME = tp

Explanation: An LU 6.2 attach request was received for a transaction program defined on an APPC LU. The transaction program was not properly defined in the WSim network definition. The type of LU (either sending or receiving) is lutype. The LU name is lu. The transaction program name specified in the attach request is tp. When this message is written to the WSim log, lutype is “SENDING”; when it is sent as error log data on the conversation, lutype is “RECEIVING”.

Note: The transaction program name is displayed in hexadecimal notation. If the name is longer than 32 bytes (64 bytes of displayable hex), it is truncated to 32 bytes. If the name is null, it is shown as “(NULL)”.

System action: The attach request is rejected and processing continues.

User response: Specify a TP network definition statement following an APPCLU statement to define the transaction program. If the TP is already defined, verify that it is defined correctly. For definitions of the APPCLU and TP statements, refer to the WSim Script Guide and Reference.

ITP4012I  CPI-C SEND LENGTH EXCEEDS SEND BUFFER SIZE - APPLID = applid, TP = tp, TYPE = type

Explanation: A SEND DATA (CMSEND) CPI-C verb is issued with a send length value that exceeds the size of the send buffer for this TP. The send buffer size is the length of the send buffer area defined by the WSim script for the TP. If the send buffer area is not defined by the WSim script, WSim dynamically defines a send buffer with a length equal to the BUFSIZE specified for the APPCLU. The APPLID operand on the APPCLU statement is applid, the statement name on the TP statement defining the transaction program in which the error occurred is tp, and the type of TP (client or server) is type.
**ITP4013I • ITP4017I**

**System action:** The CPI-C verb return code is set to \textit{CM\_Program\_Parameter\_Check}, and execution continues.

**User response:** Ensure that the send buffer size is adequate for your TP. If not, define a larger send buffer by increasing the length of the buffer area defined in the WSim script for the TP. After ensuring the send buffer size is adequate, make sure the value for the CPI-C send\_length operand on the CMSSEND verb does not exceed the send buffer size.

**ITP4013I** CPI-C RECEIVE LENGTH EXCEEDS RECEIVE BUFFER SIZE - APPLID = applid, TP = tp, TYPE = type

**Explanation:** A RECEIVE (CMRCV) CPI-C verb was issued with a requested length value that exceeds the size of the receive buffer for this TP. The receive buffer size is the length of the receive buffer area defined by the WSim script for the TP. If the receive buffer area is not defined by the WSim script, WSim dynamically defines a receive buffer with a length equal to the BUFSIZE specified for the APPCLU. The APPLID operand on the APPCLU statement is applid, the statement name on the TP statement defining the transaction program in which the error occurred is tp, and the type of TP (client or server) is type.

**System action:** The CPI-C verb return code is set to \textit{CM\_Program\_Parameter\_Check}, and execution continues.

**User response:** Ensure that the receive buffer size is adequate for your TP. If not, define a larger receive buffer by increasing the length of the buffer area defined in the WSim script for the TP. After ensuring the receive buffer size is adequate, make sure the value for the CPI-C received\_length operand on the CMRCVC verb does not exceed the receive buffer size.

**ITP4014I** APPC COMMAND cmd FAILED WITH PRIMARY RETURN CODE prc, AND SECONDARY RETURN CODE src

**Explanation:** A VTAM APPC command is issued during a CPI-C simulation and the command is unsuccessful. The command that is issued is cmd, and the primary VTAM return code is prc and secondary VTAM return codes is src. The possible command values are the following ones:

- **CNOS** indicates that the APPC command “\textit{CONTROL=OPRCNTL, QUALIFY=CNOS}” is issued.
- **DISPLAY** indicates that the APPC command “\textit{CONTROL=OPRCNTL, QUALIFY=DISPLAY}” is issued.
- **DEALABEND** indicates that the APPC command “\textit{CONTROL=DEALLOC, QUALIFY=ABNDUSER}” is issued.
- **DEFINE** indicates that the APPC command “\textit{CONTROL=OPRCNTL, QUALIFY=DEFINE}” is issued.
- **PREP-TO-RCV** indicates that the APPC command “\textit{CONTROL=PREPRCV}” is issued.
- **RCVFMH5** indicates that the APPC command “\textit{CONTROL=RCVFMH5}” is issued.
- **RECEIVE-ANY** indicates that the APPC command “\textit{CONTROL=RECEIVE, QUALIFY=ANY}” is issued.
- **RECEIVE-SPEC** indicates that the APPC command “\textit{CONTROL=RECEIVE, QUALIFY=SPEC}” is issued.
- **SENDDCFM** indicates that the APPC command “\textit{CONTROL=SEND, QUALIFY=CONFIRM}” is issued.
- **SENDDCFM** indicates that the APPC command “\textit{CONTROL=SEND, QUALIFY=DATACON}” is issued.

**System action:** Processing continues.

**User response:** Determine the cause of the problem by finding the return codes in \textit{VTAM Programming for LU 6.2}. Problems with the CNOS, DEALABEND, or DISPLAY commands can not prevent the simulation from running successfully.

**ITP4015I** INVALID VALUE SPECIFIED FOR PARAMETER ON verbname CPI-C VERB - PARAMETER NAME = paramname

**Explanation:** A CPI-C verb is issued that specified a parameter value that is invalid. The CPI-C verb is verbname, and the parameter is paramname.

**System action:** The CPI-C verb return code is set to \textit{CM\_Program\_Parameter\_Check}, and execution continues.

**User response:** Some CPI-C verb parameters have a set of valid values defined by the CPI-C architecture. Make sure that a valid value is specified for the parameter in question. For more information about CPI-C verbs and valid parameter values, refer to SAA Common Programming Interface Communications Reference. The pseudonyms for many of the valid parameter values are specified in the CPI-C Pseudonym file.

**ITP4017I** A SYNC-LEVEL OF SYNC POINT IS NOT SUPPORTED

**Explanation:** A \textit{SET\_SYNC\_LEVEL} (CMSSL) CPI-C verb is issued attempting to set the conversation sync-level to CM\_Sync\_Point. The sync point sync-level is not supported by WSim.

**System action:** The CPI-C verb return code is set to \textit{CM\_Program\_Parameter\_Check}, and execution continues.

**User response:** Specify a sync-level of CM\_None or CM\_Confirm on the SET\_SYNC\_LEVEL verb. For more
information about the sync levels and the SET_SYNC_LEVEL CPI-C verb, refer to SAA Common Programming Interface Communications Reference.

**ITP4018I** BUFFER SIZE EXCEEDS BUFSIZE OPERAND VALUE - SAVE AREA = areatype SAVEAREA areanum

**Explanation:** A CPI-C SEND (CMSEND) or RECEIVE (CMRCV) verb is issued that specified a send or receive buffer that exceeds the WSim buffer size. The WSim buffer size is specified by the BUFSIZE operand on the APPCLU network definition statement. The BUFSIZE operand defines the maximum data length that can be sent or received by CPI-C. The save area being used for the buffer in error is of type areatype, and the save area number is areanum.

**System action:** The CPI-C verb return code is set to CM_Product_Specific_Error, and execution continues.

**User response:** Either change the save area size or the BUFSIZE specification such that the save area length is less than or equal to the BUFSIZE specified.

**ITP4019I** A CLIENT TP ISSUED A CMACCP VERB - APPLID = applid, TP = tp

**Explanation:** A CPI-C transaction program that is defined as a client TP issued the ACCEPT (CMACCP) verb. The transaction program must be defined as a server TP to issue an ACCEPT verb. The APPLID operand on the APPCLU statement is applid, and the statement name on the TP statement defining the transaction program is tp.

**System action:** The CPI-C verb return code is set to CM_Product_Specific_Error, and execution continues.

**User response:** Remove the ACCEPT verb from the script that defines the specified TP, or change the TP type from client to server.

**ITP4020I** EXECUTION BEGINS FOR CPI-C TP tp-inst

**Explanation:** WSim is processing the message generation statements defined for this transaction program. The statement name on the TP statement defining the transaction program is tp. The TP instance number is inst.

**System action:** Execution continues.

**User response:** None. This message is issued for tracking CPI-C TP execution status in the WSim log.

**ITP4021I** EXECUTION HAS COMPLETED FOR CPI-C TP tp-inst

**Explanation:** All message generation statements defined for the CPI-C transaction program have been processed. The transaction program is marked as stopped and no further message generation activity will take place during this simulation run, unless the network is reset. The statement name on the TP statement defining the transaction program is tp. The TP instance number is inst.

**System action:** Execution continues. Any other transaction programs that are not completed execution continues processing.

**User response:** None. This message is issued for tracking CPI-C TP execution status in the WSim log.

**ITP4022I** CPI-C VERB CMCFM MAY NOT BE ISSUED WHEN THE CONVERSATION SYNC-LEVEL IS NONE

**Explanation:** It is not valid to issue the CONFIRM (CMCFM) CPI-C verb when the conversation sync-level is set to none.

**System action:** The CPI-C verb return code is set to CM_Program_Parameter_Check, and execution continues.

**User response:** Change the WSim script to issue the SET_SYNC_LEVEL (CMSSL) CPI-C verb to set the sync-level to confirm before issuing the CONFIRM verb. For information on the conditions under which the CONFIRM verb is valid, refer to SAA Common Programming Interface Communications Reference.

**ITP4023I** VTAM REQUEST FAILED - type

**Explanation:** A VTAM RPL-based request fails. The type of failure is type.

The possible failure types are as follows:
- RPL ERROR indicates the VTAM Request Parameter List is in error.
- RPL EXTENSION ERROR indicates the VTAM Request Parameter List Extension is in error.
- RPL STATE LOGIC ERROR indicates an error is encountered by the VTAM finite state machine.
- ACB NOT OPEN indicates the ACB referenced in the VTAM Request Parameter List is not successfully opened.

**System action:** Processing continues.

**User response:** For additional information on the particular failure, refer to VTAM Programming for LU6.2. This message is the result of an internal processing error. Contact IBM support personnel for assistance with problem resolution.

**ITP4024I** AN INBOUND CONVERSATION HAS BEEN PREVIOUSLY ACCEPTED BY THIS TP INSTANCE

**Explanation:** This transaction program instance is issued an ACCEPT (CMACCP) CPI-C verb to accept an inbound conversation. Only one inbound conversation...
ITP4025I  NO INCOMING CONVERSATION EXISTS FOR THIS TRANSACTION PROGRAM

**Explanation:** An ACCEPT (CMACCP) CPI-C verb was issued by a transaction program instance. However, there are no incoming conversation requests for the transaction program.

**System action:** The CPI-C verb return code is set to CM_Program_State_Check, and execution continues.

**User response:** Remove the ACCEPT verb from the script that defines the TP instance, or create an incoming conversation for the TP instance before the ACCEPT verb is issued. An incoming conversation is created by issuing an INITIALIZE_CONVERSATION (CMINIT) and ALLOCATE (CMALLC) verb sequence in a CPI-C TP that specifies the accepting TP as the conversation partner.

Note that this error might occur if a server TP is defined as having initial instances active at start. If no client TPs attempt to allocate conversations with the server TPs when they are initiated, this error will result. If this is the situation, either make sure that client TPs have issued allocate requests for each initial server instance prior to startup, or change the WSim network definition for the server to indicate that no instances are to be activated initially.

ITP4026I  CPI-C VERB vernamel MAY NOT BE ISSUED UNTIL THE ENTIRE LOGICAL RECORD HAS BEEN SENT

**Explanation:** A transaction program instance starts sending a logical record on a conversation, but does not finish sending it. The entire logical record must be sent before this CPI-C verb can be issued. The CPI-C verb is vernamel.

**System action:** The CPI-C verb return code is set to CM_Program_State_Check, and execution continues.

**User response:** Finish sending the logical record using the SEND (CMSEND) CPI-C verb before issuing the verb that returned the error.

ITP4027I  THE SEND BUFFER FOR A BASIC CONVERSATION SEND REQUEST CONTAINS AN INVALID LOGICAL RECORD LENGTH

**Explanation:** A SEND (CMSEND) CPI-C verb was issued to send data on a basic conversation. The send buffer referenced by the send request contains an invalid logical record length. The length is either greater than 32K (32,767) or one of the following invalid values: X’0000’, X’0001’, X’8000’, or X’8001’.

**System action:** The CPI-C verb return code is set to CM_Program_Parameter_Check, and execution continues.

**User response:** Find the invalid record length and change it to a valid value.

ITP4028I  CNOS WAS NEGOTIATED FOR PARTNER LU pluname, MODE modename: LIMITS=sessions, CWL=local, CWP=partner

**Explanation:** A VTAM Change Number of Sessions (CNOS) request negotiation took place. The partner LU specified by the CNOS request is pluname, and mode name specified by the CNOS request is modename. The negotiated values are as follows:

- session limits=sessions
- local contention winners=local
- partner contention winners=partner

**System action:** Execution continues. VTAM uses the negotiated values.

**User response:** None. This message is for informational purposes only.

ITP4029I  RECEIVED ATTACH REQUEST (FMH-5):

**Explanation:** The data that follows is an attach request that is received by the transaction program instance. The attach request is an FMH-5 that is designed by VTAM. For additional information on FMH-5 attach requests, refer to VTAM Programming for LU6.2.

**System action:** Execution continues.

**User response:** None. This message is for informational purposes only.

ITP4030I  RECEIVED ERROR LOG DATA FOR THIS TP INSTANCE:

**Explanation:** The data that follows is error log data that is sent to this transaction program instance by a conversation partner.

**System action:** Execution continues.

**User response:** None. This message is for informational purposes only.

ITP4031I  THE RECEIVED DATA CONTAINS AN INVALID LOGICAL RECORD LENGTH - FLUSHING TO END OF RECEIVE BUFFER

**Explanation:** A transaction program instance received a logical record that contains an invalid logical record length. Each logical record must begin with a 2 byte
logical record length. This length value must include the length field itself, and therefore must have a minimum value of 2.

**System action:** Execution continues. The current receive buffer is flushed. WSim treats the first 2 bytes of the next receive buffer as the logical record length of the next record.

**User response:** Determine where the invalid length originated on the sending side. Consider the following possibilities:

- The sending TP may have sent a logical record with a logical record length value of 0 or 1.
- The sending TP may have sent a logical record that is only 1 byte long.
- The sending TP may have ended before the entire logical record was sent. In this situation, a deallocate abend might be issued by the sending side. The deallocate abend causes the first part of the logical record to be sent, resulting in the receipt of an incomplete logical record by the receiving TP.

To see the actual data received, you can specify OPTIONS=(DEBUG) on the WSim network definition statement. Then examine the RECVANY record for this TP instance that immediately precedes message ITP4031I in the WSim log.
Chapter 3. Return codes

This chapter describes the completion codes for the WSim simulation and the WSim utilities.

WSim Simulation return codes

At the end of execution, WSim sets a return code to indicate the status of the execution. WSim execution ends prematurely for all return codes except 0. WSim can return the following codes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>The run completes with no errors.</td>
</tr>
<tr>
<td>8</td>
<td>Required initiator data sets cannot be opened.</td>
</tr>
<tr>
<td>12</td>
<td>Invalid execution parameter specified.</td>
</tr>
</tbody>
</table>

ITPSGEN return codes

At the end of execution, ITPSGEN sets a return code to indicate the status of the execution. ITPSGEN execution ends prematurely for all return codes except 0. ITPSGEN can return the following codes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Execution ended successfully.</td>
</tr>
<tr>
<td>4</td>
<td>A parameter error occurred.</td>
</tr>
<tr>
<td>8</td>
<td>The SYSPRINT data set cannot be opened.</td>
</tr>
<tr>
<td>12</td>
<td>An invalid control statement or control statement operand was read from the CTLIN data set.</td>
</tr>
<tr>
<td>16</td>
<td>No NTWRK statement was read from the SYSIN data set before the first MSGTXT statement was encountered.</td>
</tr>
<tr>
<td>20</td>
<td>At least one of the networks submitted as input would not initialize.</td>
</tr>
<tr>
<td>24</td>
<td>Not enough storage was available for execution to continue.</td>
</tr>
<tr>
<td>28</td>
<td>The SYSUT3 data set failed to open.</td>
</tr>
<tr>
<td>32</td>
<td>The SYSUT2 data set failed to open.</td>
</tr>
<tr>
<td>36</td>
<td>The MSGDD data set failed to open.</td>
</tr>
<tr>
<td>40</td>
<td>The INITDD data set failed to open.</td>
</tr>
<tr>
<td>44</td>
<td>The SYSIN data set failed to open.</td>
</tr>
<tr>
<td>48</td>
<td>ITPINIT cannot initialize properly.</td>
</tr>
<tr>
<td>52</td>
<td>The MSGTXT data set failed to open.</td>
</tr>
<tr>
<td>56</td>
<td>The TAPEIN data set failed to open.</td>
</tr>
<tr>
<td>60</td>
<td>The first record read from the TAPEIN data set was not formatted properly for ITPSGEN.</td>
</tr>
<tr>
<td>64</td>
<td>A STOW operation for a member of a partitioned data set failed.</td>
</tr>
<tr>
<td>68</td>
<td>An error occurred while writing to an output data set.</td>
</tr>
<tr>
<td>72</td>
<td>An error occurred while reading from an input data set.</td>
</tr>
</tbody>
</table>
The STLTX data set failed to open.
The NTWRK data set failed to open.

**ITPVTFBRF return codes**

ITPVTFBRF reformats VTAM buffer trace records and NPM VTAMLOG trace records. At the end of execution, ITPVTFBRF sets a return code to indicate the status of the execution. ITPVTFBRF execution ends prematurely for all return codes except 0, 28, 32, and 40. ITPVTFBRF can return the following codes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Execution ended successfully.</td>
</tr>
<tr>
<td>4</td>
<td>An immediate end of file was encountered on the input tape.</td>
</tr>
<tr>
<td>8</td>
<td>The data on the input tape has the incorrect format.</td>
</tr>
<tr>
<td>12</td>
<td>An unrecoverable I/O error was encountered on TAPEIN.</td>
</tr>
<tr>
<td>16</td>
<td>An unrecoverable I/O error was encountered on TAPEOUT.</td>
</tr>
<tr>
<td>20</td>
<td>The TAPEIN data set cannot be opened.</td>
</tr>
<tr>
<td>24</td>
<td>The TAPEOUT data set cannot be opened.</td>
</tr>
<tr>
<td>28</td>
<td>No data was written to TAPEOUT data set.</td>
</tr>
<tr>
<td>32</td>
<td>At least one record with truncated data was processed.</td>
</tr>
<tr>
<td>40</td>
<td>A lost data record was encountered on the log tape.</td>
</tr>
</tbody>
</table>

**ITPLU2RF return codes**

ITPLU2RF issues the following return codes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>ITPLU2RF completed without any errors, warning messages or invalid sessions.</td>
</tr>
<tr>
<td>4</td>
<td>ITPLU2RF completed without any errors but has detected at least one invalid session on the NPM log, probably because of a missing BIND record for that session. Details of invalid sessions can be found in the ineligible terminal report.</td>
</tr>
<tr>
<td>8</td>
<td>ITPLU2RF completed with at least one warning message written to the WSim log. Any sessions with warning messages can be found in the ineligible terminal report.</td>
</tr>
<tr>
<td>12</td>
<td>An unrecoverable I/O error occurred when trying to read from the NPMLOG DD. Make sure that the NPMLOG DD is allocated to the correct data set.</td>
</tr>
<tr>
<td>16</td>
<td>The NPM log has an unrecognized data format and is probably not an NPM log at all. Make sure that the NPMLOG DD is allocated to the correct data set.</td>
</tr>
<tr>
<td>20</td>
<td>Unable to open the NPM log. Check the allocation of the NPMLOG DD.</td>
</tr>
<tr>
<td>24</td>
<td>Lost data on the NPM log. The NPM log has a record with an event identifier of X'E107', indicating that data has been lost on the log. The NPM log is invalid and must be re-created.</td>
</tr>
<tr>
<td>28</td>
<td>Unable to open the SYSPRINT DD. Check the allocation of the SYSPRINT DD.</td>
</tr>
<tr>
<td>32</td>
<td>Unable to open the WSIMLOG DD. Check the allocation of the WSIMLOG DD.</td>
</tr>
<tr>
<td>36</td>
<td>Insufficient storage to run ITPLU2RF. Allocate more storage to ITPLU2RF before rerunning the job.</td>
</tr>
<tr>
<td>40</td>
<td>PRTLNCNT parameter incorrect. Make sure that the execution parameter has the correct format.</td>
</tr>
</tbody>
</table>
An unrecoverable I/O error occurred when trying to write to the WSIMLOG DD. Make sure that the WSIMLOG DD is allocated correctly and has sufficient space in the data set and volume.

The NPM log is empty. Make sure that the NPMLOG DD is correctly allocated.

**ITPIPTRX return codes**

At the end of execution, ITPIPTRX sets a return code to indicate the status of the execution. ITPIPTRX execution ends prematurely for all return codes except 0. ITPIPTRX can return the following codes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Execution successful</td>
</tr>
<tr>
<td>1004</td>
<td>Invalid parameter specified</td>
</tr>
<tr>
<td>1005</td>
<td>GETMAIN failed</td>
</tr>
<tr>
<td>1008</td>
<td>LOAD of WSim module failed</td>
</tr>
<tr>
<td>1010</td>
<td>ATTACH of ITPIPTRC failed</td>
</tr>
<tr>
<td>1012</td>
<td>Open of the WSim load module task library failed</td>
</tr>
<tr>
<td>1014</td>
<td>Print data set open failed</td>
</tr>
<tr>
<td>1015</td>
<td>Call to IEANTCR to create a name/token failed</td>
</tr>
<tr>
<td>1018</td>
<td>Invalid trace start request when a trace is already active</td>
</tr>
<tr>
<td>1020</td>
<td>Invalid trace stop or query request when a trace is not currently running</td>
</tr>
<tr>
<td>1022</td>
<td>Output trace data set not allocated to the TCPRACE DD</td>
</tr>
<tr>
<td>1024</td>
<td>Invalid data set type allocated to the TCPRACE DD</td>
</tr>
<tr>
<td>1025</td>
<td>Invalid data set concatenation for the TCPRACE DD</td>
</tr>
<tr>
<td>1030</td>
<td>TCP/IP data trace task failed to process the trace request</td>
</tr>
<tr>
<td>1031</td>
<td>Invalid TCP/IP stack name specified</td>
</tr>
<tr>
<td>1032</td>
<td>Initialization call to the realtime application controlled TCP/IP trace Network Management Interface failed</td>
</tr>
<tr>
<td>1035</td>
<td>Trace data set open failed</td>
</tr>
</tbody>
</table>

**ITPIPGEN return codes**

At the end of execution, ITPIPGEN sets a return code to indicate the status of the execution. ITPIPGEN execution ends prematurely for all return codes except 0. ITPIPGEN can return the following codes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Execution successful</td>
</tr>
<tr>
<td>1003</td>
<td>Invalid parameter specified</td>
</tr>
<tr>
<td>1004</td>
<td>Error with control command</td>
</tr>
<tr>
<td>1005</td>
<td>GETMAIN failed</td>
</tr>
<tr>
<td>1007</td>
<td>Read I/O failed for SYSIN data set</td>
</tr>
<tr>
<td>1008</td>
<td>LOAD of WSim module failed</td>
</tr>
<tr>
<td>1012</td>
<td>Open of the WSim load module task library failed</td>
</tr>
<tr>
<td>1014</td>
<td>Print data set open failed</td>
</tr>
</tbody>
</table>
Preprocessor return codes

At the end of execution, the preprocessor sets a return code to indicate the status of the execution. The preprocessor can return the following codes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>The run completed with no errors.</td>
</tr>
<tr>
<td>4</td>
<td>Storage was not available for preprocessor execution. The preprocessor stops.</td>
</tr>
<tr>
<td>8</td>
<td>OPEN failed for one of the input, output, or work DCBs, or ATTACH failed for the initiator subtask. The preprocessor stops.</td>
</tr>
<tr>
<td>12</td>
<td>An invalid parameter was specified. The preprocessor stops.</td>
</tr>
<tr>
<td>16</td>
<td>Message generation decks were entered without a network configuration, and the message generation decks were not processed.</td>
</tr>
<tr>
<td>20</td>
<td>Network initialization ended with errors for at least one of the networks in the input data stream.</td>
</tr>
<tr>
<td>24</td>
<td>A STOW (partitioned data set directory update) failed for one of the output data sets. The preprocessor stops.</td>
</tr>
<tr>
<td>30</td>
<td>Error reading from the SYSIN input data set. The preprocessor stops.</td>
</tr>
</tbody>
</table>

ITPSYSIN return codes

A subset of the preprocessor functions can be obtained by executing the utility program ITPSYSIN. ITPSYSIN reads the SYSIN data stream and stores the network and message generation deck.

At the end of execution, ITPSYSIN sets a return code to indicate the status of the execution. ITPSYSIN can return the following codes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>The run completed with no errors.</td>
</tr>
<tr>
<td>4</td>
<td>The SYSIN data set failed to open.</td>
</tr>
<tr>
<td>8</td>
<td>The MSGDD data set failed to open.</td>
</tr>
<tr>
<td>12</td>
<td>The INITDD data set failed to open.</td>
</tr>
<tr>
<td>16</td>
<td>Storage was not available for ITPSYSIN execution.</td>
</tr>
<tr>
<td>20</td>
<td>A STOW failed for the networks or message generation decks.</td>
</tr>
</tbody>
</table>
### ITPIDC return codes

At the end of execution, ITPIDC sets a return code to indicate the status of the execution. ITPIDC execution ends prematurely for all return codes except 0. ITPIDC can return the following codes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Execution ended successfully.</td>
</tr>
<tr>
<td>4</td>
<td>Execution was attempted under something besides MVS or TSO.</td>
</tr>
<tr>
<td>8</td>
<td>A parameter error was detected.</td>
</tr>
<tr>
<td>12</td>
<td>An error occurred OPENing the ACB.</td>
</tr>
<tr>
<td>16</td>
<td>An error occurred issuing the VTAM SETLOGON request.</td>
</tr>
<tr>
<td>20</td>
<td>A GETMAIN storage request failed.</td>
</tr>
<tr>
<td>24</td>
<td>VTAM scheduled the TPEND exit routine.</td>
</tr>
</tbody>
</table>

### ITPCOMP return codes

At the end of execution, ITPCOMP sets a return code to indicate the status of the execution. ITPCOMP execution ends prematurely for all return codes except 0. ITPCOMP can return the following codes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Execution successful.</td>
</tr>
<tr>
<td>4</td>
<td>Execution successful. Difference found for at least one resource.</td>
</tr>
<tr>
<td>8</td>
<td>Execution successful. Difference found for at least one resource and synchronization was attempted.</td>
</tr>
<tr>
<td>12</td>
<td>Execution successful. Difference found for at least one resource and the run was stopped.</td>
</tr>
<tr>
<td>16</td>
<td>Invalid command entered.</td>
</tr>
<tr>
<td>20</td>
<td>Not enough storage for execution to continue.</td>
</tr>
<tr>
<td>24</td>
<td>SYSPRINT failed to open.</td>
</tr>
<tr>
<td>28</td>
<td>An invalid execution parameter was specified.</td>
</tr>
<tr>
<td>32</td>
<td>MASTLDS failed to open.</td>
</tr>
<tr>
<td>36</td>
<td>TESTLDS failed to open.</td>
</tr>
<tr>
<td>40</td>
<td>No problems with execution, but no records were compared for at least one run.</td>
</tr>
</tbody>
</table>

### ITPSTL return codes

At the end of execution, ITPSTL sets a return code to indicate the status of the execution. ITPSTL execution ends prematurely for all return codes except 0. ITPSTL can return the following codes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Execution completed with no errors.</td>
</tr>
<tr>
<td>4</td>
<td>Invalid execution parameter specified.</td>
</tr>
<tr>
<td>8</td>
<td>The SYSPRINT data set failed to open.</td>
</tr>
<tr>
<td>12</td>
<td>The SYSIN data set failed to open.</td>
</tr>
</tbody>
</table>
16  The MSGDD, INITDD, SEQOUT, or a work data set failed to open or was not defined.
20  An error occurred while writing to an output data set.
24  An error occurred while translating the STL program or preprocessing the network definition statements.
28  The trace correlation member of the MSGDD data set failed to open.
32  Not enough storage was available to run.
36  An error occurred while storing a partitioned data set member.
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<thead>
<tr>
<th>Term</th>
<th>IBM/SP</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACF/VTAM</td>
<td>IBM</td>
<td>IMS™</td>
</tr>
<tr>
<td>MVS</td>
<td>MVS/SP</td>
<td></td>
</tr>
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<td>OS/390®</td>
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</tr>
<tr>
<td>SP</td>
<td>System/370</td>
<td>Systems Application Architecture®</td>
</tr>
<tr>
<td>VTAM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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Glossary

This glossary includes terms and definitions from the IBM Vocabulary for Data Processing, Telecommunications, and Office Systems, GC20-1699-6. Further definitions are from the following volumes and reports. The symbols follow the definitions to which they refer.

- The *American National Standard Dictionary for Information Systems*, ANSI X3.172-1990, copyright 1990 by the American National Standards Institute (ANSI). Copies can be purchased from the American National Standards Institute, 11 West 42nd Street, New York, New York 10036. Definitions are identified by the symbol (A) after the definition.

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- Definitions from draft international standards, draft proposals, and working papers in development by the ISO/TC97/SC1 are identified by the symbol (T), indicating final agreement has not yet been reached among participating members.

- Definitions from the CCITT Sixth Plenary Assembly Orange Book, Terms and Definitions and working documents published by the International Consultative Committee on Telegraph and Telephone of the International Telecommunication Union, Geneva, 1980 are identified by the symbol (CCITT/ITU).

- Definitions from published sections of the ISO *Vocabulary of Data Processing*, developed by the International Standards Organization, Technical Committee 97, Subcommittee 1 and from published sections of the ISO *Vocabulary of Office Machines*, developed by subcommittees of ISO Technical Committee 95, are indicated by the symbol (ISO).

### A

**ACU** Automatic calling unit.

**AID** Attention identifier.

**American National Standards Institute (ANSI)** An organization consisting of producers, consumers, and general interest groups, that establishes the procedures by which accredited organizations create and maintain voluntary industry standards in the United States. (A)

**ANSI** American National Standards Institute.

**attention identifier (AID)** A code that the terminal sends in the inbound data stream to identify the operator action or structured field function that caused the data stream to be sent to the application program. An AID is always sent as the first byte of the inbound data stream. Structured fields in the data stream may also contain an AID.

**automatic calling unit (ACU)** A dialing device that permits a business machine to automatically dial calls over a network.

**available** In VTAM, pertaining to a logical unit that is active, connected, enabled, and not at its session limit.

### B

**basic transmission unit (BTU)** In SNA, the unit of data and control information passed between path control components. A BTU can consist of one or more path information units (PIUs).

**bind** In SNA, a request to activate a session between two logical units (LUs).

**BTU** Basic transmission unit.

### C

**CCC** Copy control character.

**character set**

1. A defined collection of characters in a loadable or nonloadable set selected by means of a local character set identifier.
2. An attribute type in the extended field and character attributes. (3) An attribute passed between session partners in the Start Field Extended, Modify Field, and Set Attribute orders.
Common Programming Interface for Communications (CPI-C)

In WSim, an application programming interface (API) used to perform program-to-program communications using LU type 6.2 communication protocols. An evolving application programming interface (API), embracing functions to meet the growing demands from different application environments and to achieve openness as an industry standard for communications programming. CPI-C provides access to interprogram services such as (a) sending and receiving data, (b) synchronizing processing between programs, and (c) notifying a partner of errors in the communication.

CPI-C  Common programming interface for communications.

D

DASD  Direct access storage device.

data control block (DCB)

A control block used by access method routines in storing and retrieving data.

data set

The major unit of data storage and retrieval, consisting of a collection of data in one of several prescribed arrangements and described by control information to which the system has access.

DBCS  Double-byte character set.

ddname

Data definition name.

direct access storage device (DASD)

A device in which the access time is effectively independent of the location of the data. For example, a disk.

domain

(1) An access method, its application programs, communication controllers, connecting lines, modems, and attached terminals. (2) In SNA, a system services control point (SSCP) and the physical units (PUs), logical units (LUs), links, link stations, and all the associated resources that the SSCP has the ability to control by means of activation requests and deactivation requests.

double-byte character set (DBCS)

A set of characters in which each character is represented by 2 bytes. Languages such as Japanese, Chinese, and Korean, which contains more symbols that can be represented by 256 code points, require double-byte character sets. Because each character requires 2 bytes, the typing, display, and printing of DBCS characters requires hardware and programs that support DBCS.

DTE  Data terminal equipment.

E

EB    End bracket.

EBCDIC  Extended binary-coded decimal interchange code.

end bracket (EB)

In SNA, the value (binary 1) of the end bracket indicator in the request header (RH) of the first request of the last chain of a bracket; the value denotes the end of the bracket.

extended binary-coded decimal interchange code (EBCDIC)

A coded character set of 256 8-bit characters.

F

facility

(1) An operational capability, or the means for providing such a capability. (T)
(2) A service provided by an operating system for a particular purpose; for example, the checkpoint/restart facility.

FID  SNA format identification.

File Transfer Protocol (FTP)

In the internet suite of protocols, an application layer protocol that uses TCP and Telnet services to transfer bulk-data files between machines and hosts.

FM  Function management.

format identification (FID) field

In SNA, a field in each transmission header (TH) that indicates the format of the TH; that is, the presence or absence of certain fields. TH formats differ in accordance with the types of nodes between which they pass.
FTP  File transfer protocol.

I

I/O  Input/output.

IMS/VS  Information Management System/Virtual Storage.

Information Management System/Virtual Storage (IMS/VS)
A general-purpose system that enhances the capabilities of OS/VS for batch processing and telecommunication and allows users to access a computer-maintained database through remote terminals.

initial program load (IPL)
The initialization procedure that causes an operating system to commence operation.

input/output (I/O)
(1) Pertaining to a device whose parts can perform an input process and an output process at the same time. (2) Pertaining to a functional unit or channel involved in an input process, output process, or both, concurrently or not, and to the data involved in such a process. Note: The phrase input/output may be used in place of input/output data, input/output signals, and input/output process when such a usage is clear in context. (3) Pertaining to input, output, or both.

instance
A copy of a transaction program that is operating on a given logical unit. If multiple instances are supported on a logical unit, multiple copies of the same transaction program can operate simultaneously.

inter-user communications vehicle (IUCV)
A VM facility for passing data between virtual machines and VM components.

IPL  Initial program load.

IUCV  Inter-user communications vehicle.

J

JCL  Job control language.

job control language (JCL)
A problem-oriented language designed to express statements in a job that are used to identify the job or describe its requirements to an operating system. (A)

L

Log Compare Utility
A utility that enables WSim to compare 3270 display records from two log data sets and report the differences.

logic test
In WSim, a conditional test on an input or output message, a counter, or other item using the WSim IF statement. The IF actions can be used to control the message generation process.

logical unit (LU)
(1) A port through which a user gains access to the services of a network. (2) In SNA, a port through which a user accesses the SNA network and the functions provided by system services control points (SSCPs). An LU can support at least two sessions—one with an SSCP and one with another LU—and might be capable of supporting many sessions with other logical units.

LU  Logical unit.

M

message format service (MFS)
In IMS/VS, an editing facility that allows application programs to deal with simple logical messages instead of device-dependent data, thus simplifying the application development process.

message generation
In WSim, the process of executing WSim statements that generate messages from the resources being simulated by WSim.

MFS  Message format service.

module
A program unit that is discrete and identifiable with respect to compiling, combining with other units, and loading; for example, the input to, or output from, an assembler, compiler, linkage editor, or executive routine. (A)

Multiple Virtual Storage (MVS)
An IBM licensed program whose full name is the Operating System/Virtual Storage (OS/VS) with Multiple Virtual Storage/System Product for System/370.
It is a software operating system controlling the execution of programs.

MVS Multiple Virtual Storage.

N Network control.

NetView Performance Monitor (NPM)
An IBM licensed program that collects, monitors, analyzes, and displays data relevant to the performance of a VTAM telecommunication network. It runs as an online VTAM application program.

network control (NC)
In SNA, an RU category used for requests and responses exchanged for such purposes as activating and deactivating explicit and virtual routes and sending load modules to adjacent peripheral nodes.

network definition statements
A collection of statements that define the network configuration WSim uses when processing the message generation source statements.

network services (NS)
In SNA, the services within network addressable units (NAUs) that control network operation through SSCP-SSCP, SSCP-PU, and SSCP-LU sessions.

node
(1) In SNA, an endpoint of a link or junction common to two or more links in a network. Nodes can be distributed to host processors, communication controllers, cluster controllers, or terminals. Nodes can vary in routing and other functional capabilities. (2) In VTAM, a point in a network defined by a symbolic name.

PS Programmed symbols.

P partitioned data set (PDS)
A data set in direct access storage that is divided into partitions, called members, each of which can contain a program, part of a program, or data.

path information unit (PIU)
In SNA, a message unit consisting of a transmission header (TH) alone, or of a TH followed by a basic information unit (BIU) or a BIU segment.

PDS Partitioned data sets.

PIU Path information unit.

PLU Primary logical unit.

primary logical unit (PLU)
In SNA, the logical unit (LU) that contains the primary half-session for a particular LU-LU session. Each session must have a PLU and secondary logical unit (SLU). The PLU is the unit responsible for the bind and is the controlling LU for the session. A particular LU might contain both primary and secondary half-sessions for different active LU-LU sessions. Contrast with secondary logical unit (SLU).

programmed symbols (PS)
In the 3270 Information Display System, an optional feature that stores up to six user-definable, program-loadable character sets of 190 characters each in terminal read/write storage for display or printing by the terminal.

PS Programmed symbols.

R record
(1) A set of data treated as a unit (TC97); for example, in stock control, each invoice can constitute one record. (2) In VTAM, the unit of data transmission for record-mode. A record represents whatever amount of data the transmitting node chooses to send. (3) In Series/1, a portion of a data set accessed at the logical level (GET/PUT).

request parameter list (RPL)
In VTAM, a control block that contains the parameters necessary for processing a request for data transfer, for establishing or terminating a session, or for some other operation.
request/response header (RH)
In SNA, control information preceding a request/response unit (RU), that specifies the type of RU (request unit or response unit) and contains control information associated with that RU.

request/response unit (RU)
In SNA, a generic term for a request unit or a response unit.

request unit (RU)
(1) In SNA, a message unit that contains control information, such as a request code, or function management (FM) headers, user data, or both. (2) In DPCX, the smallest unit of data or control information.

resource
(1) Any facility of the computing system or operating system required by a job or task, and including main storage, input/output devices, the processing unit, data sets, and control or processing programs. (2) In the NetView program, any hardware or software that provides function to the network.

Response Time Utility
A utility that enables WSim to analyze response times for activities on the log data set.

response unit (RU)
In SNA, a message unit that acknowledges a request unit; it might contain prefix information received in a request unit. If positive, the response unit may contain additional information (such as session parameters in response to BIND session), or if negative, contains sense data defining the exception condition.

return code
A code used to influence the execution of succeeding instructions. (A)

RH Request header or response header.
RPL Request parameter list.
RU Request unit or response unit.

S
SA Set attribute.
script See WSim script.

Script Generator Utility
A utility that enables WSim to convert data captured from a system into message generation scripts.

SDT Start data traffic.

secondary logical unit (SLU)
In SNA, the logical unit (LU) that contains the secondary half-session for a particular LU-LU session. An LU may contain secondary and primary half-sessions for different active LU-LU sessions. Contrast with primary logical unit (PLU).

SLU Secondary logical unit.

SNA Systems Network Architecture.

SSP System Support Program.

STL Structured Translator Language.

STL Translator
In WSim, a utility that acts as the STL translator and translates STL statements into message generation source statements.

Structured Translator Language (STL)
A set of conventions and rules for writing syntactically allowable statements that will create message generation source statements.

Systems Network Architecture (SNA)
The description of the logical structure, formats, protocols, and operational sequences for transmitting information units through and controlling the configuration and operation of networks.

T

TCPERRNO H
A standard TCP/IP header file containing all error numbers and a brief comment describing their use.

TH Transmission header.

time sharing option (TSO)
An optional configuration of the operating system that provides conversational time sharing from remote stations in a network using VTAM.

TP Transaction program. Transmission priority.

TPF Transmission priority field.
transmission header (TH)
In SNA, control information, optionally followed by a basic information unit (BIU) or a BIU segment, that is created and used by path control to route message units and to control their flow within the network.

TSO Time sharing option.

U
user table
In WSim, one or more text data entries contained in a table format which may be referenced for logic testing and message generation.

UTI User time interval.

V
Virtual Telecommunications Access Method (VTAM)
An IBM licensed program that controls communication and the flow of data in an SNA network. It provides single-domain, multiple-domain, and interconnected network capability.

VTAM
Virtual Telecommunications Access Method.

VTAMPARS II
VTAM Performance Analysis Reporting System II.

W
window
(1) In SNA, synonym for pacing group.
(2) On a visual display terminal, a small amount of information in a framed-in area on a panel that overlays part of the panel.

window size
The specified number of frames of information that can be sent before receiving an acknowledgment response.

Workload Simulator (WSim)
IBM licensed program to simulate terminals and networks. It enables the user to test system performance and evaluate network design.

write-to-operator (WTO)
An optional user-coded service that enables the writing of a message to the system console operator that informs the operator of errors and unusual system conditions that may need correcting.

write-to-operator-with-reply (WTOR)
An optional user-coded service whereby a message might be written to the system console operator informing him of errors and unusual conditions that might need correcting. The operator must key in a response.

WSim Workload Simulator.

WSim Display Monitor Facility
A VTAM application program within WSim that displays simulated 3270 screen images on a monitor. It is used to monitor a WSim simulation dynamically, enabling a user to debug WSim scripts and view interactions with host applications.

WSim network
The set of statements defining an entire WSim network, including both the network definition statements and the message generation source statements. Should not be confused with a packet switching network.

WSim script
The set of statements defining an entire WSim network, including both the network definition statements and the message generation source statements.

WSim transaction program (TP)
In WSim, a transaction program is any program that uses LU type 6.2 communication protocols to communicate with another program. Transaction programs are implemented in WSim using the CPI-C application program interface.

WTO Write-to-operator.

WTOR Write-to-operator-with-reply.
Bibliography

The following manuals provide additional information about the definition and operation of networks simulated by WSim:

**WSim Library**

- **WSim User’s Guide**, SC31-8948
- **WSim Test Manager User’s Guide and Reference**, SC31-8949
- **WSim Messages and Codes**, SC31-8951
- **Creating WSim Scripts**, SC31-8945
- **WSim Script Guide and Reference**, SC31-8946
- **WSim Utilities Guide**, SC31-8947
- **WSim User Exits**, SC31-8950

**Related publications**

- **ACF/VTAM Programming**, SC27-0611
- **MVS System Programming Library: System Macros and Facilities**, GC28-1150

Systems Application Architecture Common Programming Interface Communications Reference, SC26-4399-06. (WSim does not support CPI-C functions that have been added in later releases of this document.)

- **VTAM Programming for LU 6.2**, SC31-6437