

Workload Simulator



# Messages and Codes

*Version 1 Release 1*



Workload Simulator



# 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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## 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.

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## 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.

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## 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.

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## 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**

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

### **Resource and Message Traffic Definition**

<i>Creating WSim Scripts</i>	SC31-8945
<i>WSim Script Guide and Reference</i>	SC31-8946
<i>WSim Utilities Guide</i>	SC31-8947

### **Customization**

<i>WSim User Exits</i>	SC31-8950
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## Chapter 1. Introduction

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

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### 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.

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### 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**     *netname 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:** None.

---

**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 NTRWK or NTRWKL 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 NTRWK 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 NTRWK statement was coded for the network, not all the VTAMAPPLs or APPCLUs are started immediately.

## ITP007I • ITP018I

**User response:** None.

---

### 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 NTRWK 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 *network*, *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 ITP*errnum* 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 • ITP073I

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

---

### 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.

---

### ITP059I DUMP COMMAND ACCEPTED

**Explanation:** A D (Dump) operator command was entered and processed.

**System action:** The function specified by the D (Dump) operator command is queued to be printed.

**User response:** None.

---

### ITP060I STORAGE NOT AVAILABLE FOR INITIATOR CONTROL BLOCKS

**Explanation:** Insufficient storage was available to allow execution of the WSim initiator.

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

**User response:** Make more storage available for WSim execution.

---

### ITP062I 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.

---

### ITP064I NETWORK *netname* CANCELLED

**Explanation:** A C (Cancel) operator command for either one network or all networks are entered.

**System action:** The system cancels the specified network or all the networks and all associated resources.

**User response:** None.

---

### 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.

---

### ITP073I STORAGE NOT AVAILABLE FOR TRACE DUMP

**Explanation:** A D (Dump) 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 NTRWK 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.

---

**ITP083I      MESSAGE DECK TO BE DELETED  
                 NOT FOUND**

**Explanation:** An A (Alter) operator command for a delete path entry function (D=*dname,sname*) was entered, and the message generation deck that is specified for *dname* does not exist for this network.

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

**User response:** Make sure that *dname* was specified correctly.

---

**ITP084I      MESSAGE DECK TO BE  
                 SUBSTITUTED NOT FOUND**

**Explanation:** An A (Alter) operator command for a delete path entry function (D=*dname,sname*) 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.

---

**ITP085I      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.

---

**ITP086I      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.

---

**ITP087I      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.

---

**ITP088I      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.

---

---

**ITP093I STORAGE NOT AVAILABLE FOR  
COMMAND EXECUTION**

**Explanation:** Console recovery mode is active, but WSim is unable to obtain extra storage that is required to process console recovery subcommands now.

**System action:** The subcommand is not executed.

**User response:** Try the wanted console recovery subcommand again. If storage is still unavailable, run WSim with a larger virtual storage size.

---

**ITP095I SESSION NUMBER *sessno* INVALID**

**Explanation:** 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.

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

**User response:** If *sessno* was incorrectly specified, enter the command again with the correct specification.

---

**ITP096I DUPLICATE OPERANDS NOT  
ALLOWED**

**Explanation:** Duplicate operands were detected on a monitor operator command.

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

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

---

**ITP100I DATA RECV - *data***

**Explanation:** This message is issued when data is received for a device or LU that is in console recovery mode. The CRDATALN operand for the resource determines the length of data received.

**System action:** Processing continues.

**User response:** The information in this message can be used along with console recovery subcommands to converse with the host application.

---

**ITP101I WSim SUBCOMMAND INVALID**

**Explanation:** A console command was entered while WSim was in console recovery mode. The command entered was not a valid subcommand.

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

**User response:** For a description of all valid subcommands, refer to *WSim User's Guide*. To end console recovery mode, enter the subcommand X.

---

**ITP102I CONSOLE RECOVERY MODE  
ABORTED**

**Explanation:** Console recovery mode was ended prematurely because of a line error or because WSim was stopped by a system stop command.

**System action:** Console recovery mode ends.

**User response:** None.

---

**ITP103I SUBCOMMAND NOT VALID FOR  
DEV/LU *rname***

**Explanation:** A subcommand was entered that was not valid for resource *rname*.

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

**User response:** Enter a subcommand that is valid for the terminal type for which console recovery is entered.

---

**ITP104I INVALID FORMAT FOR WSim  
SUBCOMMAND**

**Explanation:** A valid subcommand was entered, but the format of the command was incorrect.

K PF1C ERROR  
K PF1(C) OK

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

**User response:** For more information about the format of subcommands, refer to *WSim User's Guide*.

---

**ITP105I SPECIFIED FUNCTION KEY NOT  
VALID**

**Explanation:** A K subcommand was entered, but the specified 3270, LU2, or LU7 function key was not valid.

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

**User response:** For a list of valid function keys, refer to *WSim User's Guide*.

---

**ITP106I MESSAGE LOGGING RESUMED  
[,NETWORK *netname*]**

**Explanation:** 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.

**System action:** Message logging continues.

**User response:** None.

---

**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 • ITP138I

**User response:** Refer to *WSim User's Guide* for the A (Alter) operator command and its associated operands.

---

### 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 SIGNALED 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 line term* TRM IS NOW INACTIVE *time*

**Explanation:** The terminal that is identified by *network line term* 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 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.

---

### ITP137I      *netname lu-sessno* - *message data*

**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=*dname* 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
```

	Process System	Process Actual
AVERAGE	time1	time2
MOST RECENT	time3	time4
LOW	time5	time6
HIGH	time7	time8
TOTAL	count1	count2
RESPONSES		

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 NTRWK statement.

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

**User response:** Code a UCMDEXIT or NETEXIT operand on the NTRWK 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 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.

---

**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 SIALED 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= *sssssss***

**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 *sssssss*.

**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.

---

**ITP218I**     **UNABLE TO COMPLETELY ALTER ALL SPECIFIED AREAS**

**Explanation:** The Alter command requested an alteration of one or more save areas or user areas, but at least one of these areas do not fully meet the selection criteria. As much of the requested Alter command as possible was performed on the save areas or user areas.

The following examples can cause this message to be displayed:

- Altering all user areas when some networks or devices do not have a user area defined.
- Specifying a valid offset for a user area or non-dynamic save area with a new text value extending beyond that area.

**System action:** The system processes as much of the command as possible.

**User response:** Check the network definition for the save area or user area that did not meet the Alter command criteria.

---

**ITP219I**     *resource type* **{USER|SAVE} AREA,| *s*,} DATA LENGTH *length***

**Explanation:** The Query command requested the display of the user or save area *s* for the resource *resource* of type *type*. The length of the data in the area (*length*) is also shown.

**System action:** WSim issues message ITP220I if the request indicated an offset into the area within the bounds that are indicated by the total length.

**User response:** None.

---

**ITP220I**     *variable\_data*

**Explanation:** This message is issued after message ITP219I. It contains the variable data displayed as a result of a Query command for the save area or the user area specified in message ITP219I. The offset

requested by the Query command is displayed in decimal, followed by up to 16 bytes of the *variable\_data* in hexadecimal, followed by the interpreted EBCDIC equivalent. Refer to the topic on displaying the status of network resources in *WSim User's Guide* for the output displayed.

**System action:** Processing continues.

**User response:** None.

---

**ITP221I**     **TCPIP *xxxxxxx* 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.

---

**ITP224I**     **APPC=YES NOT SPECIFIED ON THE VTAM APPL DEFINITION FOR THE APPC LU**

**Explanation:** An APPC LU is defined for which the referenced VTAM application is not APPC capable.

**System action:** The ACB for the VTAM application is

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*.

---

**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 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.

---

## Informational log data set messages (400 - 499)

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 specifies 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.

## ITP409I • ITP417I

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=zzzzzzzz - *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 specified logic test is to test data that 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**     *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 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 SWITCH XX OFF
- 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 NTRWK SWITCH XX ON
- SET NTRWK SWITCH XX OFF
- SET NTRWK SWITCHES ON
- SET NTRWK 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,snum) 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 *snum*.

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

**User response:** None.

---

**ITP431I**     *logic test (dname,snum) 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 *snum*.

**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} 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

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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 *nmn* UNDEFINED**

A JUMP statement was executed and partition *nmn*, 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 *f*type 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 *f*type 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.

**ITP447I      MSG GEN ENTERED: STMT# *snum* OF DECK *dname***

**Explanation:** This message trace record indicates that WSim message generation is entered at statement number *snum* of message generation deck *dname*.

**System action:** WSim message generation begins.

**User response:** None.

**ITP448I      MSG GEN ENDED: STMT# *snum* OF DECK *dname***

**Explanation:** This message trace record indicates that WSim message generation is complete. The next statement to be processed after message generation is entered again is statement number *snum* of message generation deck *dname*.

**System action:** WSim message generation ends and the message are sent.

**User response:** None.

**ITP449I      MSG GEN CONTINUES: DECK *dname* STARTED**

**Explanation:** This message trace record indicates that WSim message generation continues, using a new message generation deck or restarting the current message generation deck. The name of the message generation deck started is *dname*.

**System action:** WSim message generation continues.

**User response:** None.

**ITP450I      BRANCH FROM STMT# *snum* OF DECK *dname* TO *location***

**Explanation:** This message trace record is logged when a BRANCH statement occurs, branching from statement number *snum* of message generation deck *dname* to another location. The *location* can be any of the following ones:

**LABEL *label* AT *snum2* OF DECK *dname2***

Branch to the label *label*, which is statement number *snum2* of message generation deck *dname2*.

**THE BEGINNING OF DECK *dname2***

Branch to the beginning of message generation deck *dname2*.

**System action:** The branch occurs.

**User response:** None.

---

**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* SIGNALLED 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.

---

**ITP460I**      **UNSOLICITED {LOGON | BIND} REQUEST FROM VTAM RESOURCE *rname* *action***

**Explanation:** An unsolicited LOGON or BIND request was received from the VTAM resource *rname* indicated. The *action* taken might be any of the following actions:

- REJECTED, NO PLU HALF-SESSIONS CURRENTLY AVAILABLE
- REJECTED, PLU HALF-SESSIONS NOT SUPPORTED
- QUEUED, NO SLU HALF-SESSIONS CURRENTLY AVAILABLE
- REJECTED, SLU HALF-SESSIONS NOT SUPPORTED
- DEQUEUED, SLU HALF-SESSION AVAILABLE

**System action:** The VTAM resource performs the indicated action.

**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 acceptable 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 *nnnn* - CANNOT  
CONNECT TO *xxx.xxx.xxx.xxx* PORT  
*nnnnn***

**Explanation:** The CONNECT to the destination, *xxx.xxx.xxx.xxx* PORT *nnnnn* 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.

---

**ITP481I**      **NEGOTIATION FAILURE DURING  
CONNECT TO HOST *xxx.xxx.xxx.xxx***

**Explanation:** The Telnet negotiations with the specified server are incompatible.

**System action:** WSim logs this message and closes the socket. Automatic reconnection is then attempted.

**User response:** Generally, this indicates that the server does not negotiate to a compatible terminal type. Ensure that the IP address specified and allow reconnection. If the connection is still unsuccessful you may stop or quiesce 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.

---

**ITP491I**      **CPI-C VERB ISSUED AT STMT#** *stmtno*  
**OF DECK** *deckname*, **BUT DECK IS NOT**  
**PART OF A TP**

**Explanation:** A CPI-C verb is encountered in a message generation deck that is not defined as part of a simulated Transaction Program (TP). The name of the message generation deck that issued the verb is *deckname*, and the statement number where the verb is issued is *stmtno*. CPI-C verbs might be issued by message decks that are part of a simulated Transaction Program only. The PATH operand on the TP network definition statement defines what message decks are part of the TP.

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

**User response:** Define the message generation deck 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 message generation deck.

## 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.

---

### ITP501I 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.

---

### ITP502I 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.

---

### ITP503I 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.

---

### ITP504I 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.

---

### ITP505I NO OPERANDS FOUND WITH COMMAND

**Explanation:** A Loglist Utility command of the NTRWK, 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.

---

### ITP506I 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.

---

### ITP507I 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.

---

### ITP509I INVALID COMMAND OPERAND LENGTH

**Explanation:** A NTRWK, 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.

---

### ITP510I OPEN FAILED FOR SYSUT1 DCB

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

**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 NTRWK 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 NTRWK, TERM, EXTERM, DEV, EXDEV, TP, or EXTP commands as needed to correct the situation.

**Note:** Subsequent NTRWK 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, PRILNCT=*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

EXTERM

EXTP

LINE

NTWRK

TCPIP

TERM

TIME

TP

VTAMAPPL.

Refer to *WSim Utilities Guide* for descriptions of these commands.

---

**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.

---

### ITP602I 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 statement and run the job again.

---

### ITP603I OPEN FAILED FOR SYSUT1 DCB

**Explanation:** The OPEN fails for the message log data input data set.

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

**User response:** Make sure that BLKSIZE is specified, correct the SYSUT1 DD statement, and run the job again.

---

### ITP604I OPEN FAILED FOR LISTDD DCB

**Explanation:** The OPEN fails for the response time listing file.

**System action:** Processing continues without creating any records for the file.

**User response:** If the response time listing file is necessary, correct the LISTDD statement and run the job again.

---

### ITP605I END OF FILE BEFORE START OF RUN

**Explanation:** 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.

**System action:** The system does not perform response time analysis.

**User response:** Enter the command again with a valid starting time value.

---

### ITP607I NO RESPONSES FOUND

**Explanation:** The message log data set is scanned and

no response times are found for the resources listed in the title lines.

**System action:** The system prints a report with header information and a message that states that no responses are found.

**User response:** Run the Response Time Utility again either specifying a different set of resources or changing the TIME command to specify a time appropriate for the resources listed.

---

### ITP608I INVALID COMMAND

**Explanation:** The command that is entered is not a valid Response Time Utility command.

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

**User response:** Enter a valid Response Time Utility command. Refer to *WSim Utilities Guide* for valid commands.

---

### ITP609I ENTER RESPONSE COMMANDS

**Explanation:** By issuing this write-to-operator with reply (WTOR), you can enter console commands for the Response Time Utility.

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

**User response:** Enter a Response Time Utility console command.

---

### ITP610I STORAGE NOT AVAILABLE

**Explanation:** A GETMAIN fails when the Response Time Utility attempts to obtain storage for control blocks or for a user exit.

**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 and specify a few for the RESP execution parameter. If this doesn't work, increase the job region size before running the job again.

---

**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 TERM or EXTERM command contains more than 8 characters.

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

**User response:** Enter the TERM or EXTERM 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 TERM or EXTERM command is used on a previous TERM or EXTERM command.

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

**User response:** Specify another TERM 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 NTRWK NAME**

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

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

**User response:** Enter another NTRWK 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 TCPIP 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.

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.

---

---

**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.

---

**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.

---

---

**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,

---

**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 NTRK, MSGTXT, OR PREP STATEMENT**

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

**System action:** Processing continues when an NTRK, 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.

**ITP660I**      *xxxxx* **OPEN FAILED FOR OUTPUT DATA SET**

**Explanation:** The data control block (DCB) addressed for output fails to open.

**System action:** Processing ends.

**User response:** Make sure that the JCL contains the DD statement and the data set named on the DD is available.

**ITP661I**      **ERROR READING SYSIN DATA SET**

**Explanation:** An error occurs in reading the input SYSIN data set.

**System action:** Processing ends.

**User response:** Check the SYSIN data set to make sure that it is a valid WSim SYSIN data set.

---

## Script generator utilities messages (851 - 899)

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

---

## 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, {MSG | 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.

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.

**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.

---

**ITP906I**      **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.

---

**ITP911I**      **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.

---

**ITP913I**      *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.

---

## 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.

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.

---

**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.

---

**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.

---

**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.

---

**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.

---

**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.

---

**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.

---

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

**Explanation:** The record identified by the START

---

**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.

**ITP1012I NO MASTER RECORDS PASSED SELECTION CRITERIA**

**Explanation:** Resource selection commands are issued, but no DSPY records in the MASTER log data set matched the criteria. Resource selection commands include: NTRWK, VTAMAPPL, LU, TCPIP, DEV, TERM, and MSGTXT.

**System action:** The system stops processing

**User response:** Change the commands that are issued and run the job again.

**ITP1013I NO TEST RECORDS PASSED SELECTION CRITERIA**

**Explanation:** Resource selection commands are issued, but no DSPY records in the TEST log data set matched the criteria. Resource selection commands include: NTRWK, VTAMAPPL, LU, TCPIP, DEV, TERM, and MSGTXT.

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

**User response:** Change the commands that are issued and run the job again.

**ITP1014I NO MASTER RECORDS PASSED THE SELECT/EXCLUDE COMMAND**

**Explanation:** SELECT or EXCLUDE commands are issued, but no DSPY records in the MASTER log data set meet the criteria.

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

**User response:** Either enter the SELECT command again to choose more records or enter the EXCLUDE command again not to exclude everything.

**ITP1015I NO TEST RECORDS PASSED THE SELECT/EXCLUDE COMMAND**

**Explanation:** SELECT or EXCLUDE commands are issued, but no DSPY records in the TEST log data set meet the criteria.

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

**User response:** Either enter the SELECT command again to choose more records or enter the EXCLUDE command again not to exclude everything.

**ITP1016I PARAMETER ERROR**

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

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

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

**ITP1029I INVALID NTRWK NAME SPECIFIED**

**Explanation:** The name that is specified on the NTRWK command is longer than 8 characters or began with a numeric value.

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

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

**ITP1031I UNMATCHED SO OR SI FOUND IN DATA OPERAND**

**Explanation:** The DATA= operand on a compare control command contains an unmatched SO or SI character in the DBCS data.

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

**User response:** Enter valid DBCS data on your control command.

**ITP1032I COMMAND NOT VALID AFTER DEV/LU ONLY**

**Explanation:** 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.

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

**User response:** Run ITPCOMP again and specify at least one VTAMAPPL or TCPIP command before the first TERM, DEV, or LU command.

**ITP1033I DUPLICATE VTAMAPPL/TCPIP SPECIFIED**

**Explanation:** The VTAMAPPL or TCPIP command being processed specified a VTAMAPPL or TCPIP name that is entered for this run.

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

**User response:** Enter the VTAMAPPL or TCPIP command again for another VTAM application or TCP/IP connection if necessary.

---

**ITP1034I    DUPLICATE TERM/DEV/LU  
SPECIFIED**

**Explanation:** The TERM/DEV/LU command being processed specifies a TERM, DEV, or LU name that was already entered for this run.

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

**User response:** Enter the TERM, DEV, or LU command again for another TERM, DEV, or LU if necessary.

---

**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 RATEDD statement.
- The *member* specified on an EXIT statement or a user exit operand of the NTRWK 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 NTRWK 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.



**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.

#### 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*.

#### ITP1213I      RANDOM NUMBER RANGE IS INVALID

**Explanation:** This message is issued because a random number range specified on the RNUM data field option, RN statement, SET statement, LENG operand on the TEXT statement, or the TIME operand on the WAIT or DELAY statement is invalid. The error can be one of the following errors:

- For the RNUM data field option, SET statement, and TIME operand on the WAIT or DELAY statement, the values are not in the range 0 to 2147483647. For the length *n*, values must be 1-10.
- A LOW value is not less than the HIGH value.

**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.

#### ITP1215I      REQUIRED OPERAND IS MISSING

**Explanation:** The statement type being processed does not have a required keyword 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.

#### ITP1216I      NETWORK NAME DOES NOT MATCH INITIATOR COMMAND NAME

**Explanation:** The name of the NTRWK statement does not match the network name entered after the I command.

**System action:** The system marks this statement as an error and continues processing the next statement.

**User response:** Make sure that the name of the NTRWK statement matches the name in the INITDD data set.

#### 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 NTRWK, 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.

---

### ITP1229I OPEN OR PAGE FIX FAILURE

**Explanation:** This message is issued for one of the following reasons:

- For MVS, WSim is not APF-authorized

**System action:** The system marks this statement as an

error and continues processing the next statement.

**User response:** Check the system definition and authorization level, and run WSim again.

---

### ITP1233I 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 NTRWKLOG, for example, cannot be the same as the DDNAME operand for NTRWKLOG 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 NTRWK 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.

---

**ITP1250I      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 with 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:

```
,      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 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 =
TYP=  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 NTRWK STATEMENT) SPECIFIES UNDEFINED UTI**

**Explanation:** IUTI is specified on the NTRWK 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 NTRWK 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.

---

**ITP1312I MAXIMUM NETWORK DEFINITION IF COUNT EXCEEDED**

**Explanation:** More than 256 network level IF statements are encountered in the network definition.

**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.

---

**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 NTRWK STATEMENT NOT DEFINED**

**Explanation:** The PATH specified for the PATH operand of the NTRWK 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*, *U±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 is specified in the CNOS operand of an APPCLU statement. Either an LUNAME/MODENAME combination is specified more than once, or a keyword is 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**    *hh:mm:ss.th* ENTER 'END' TO CLOSE  
DOWN WSim INTERACTIVE DATA  
CAPTURE UTILITY

**Explanation:** This message is issued when ITPIDC is started under TSO or MVS as a batch job and NOWTOR is not specified.

**System action:** Processing continues.

**User response:** Enter "END" when you are ready to close down ITPIDC.

---

**ITP1501I**    WSim VERSION 1, RELEASE 1.0,  
INTERACTIVE DATA CAPTURE  
UTILITY

**Explanation:** This message is issued when ITPIDC is started.

**System action:** Processing continues.

**User response:** None.

---

**ITP1502I**    INITIALIZATION COMPLETE USING  
APPLID *name*

**Explanation:** This message is issued when ITPIDC is ready to accept logons. *name* is the user's logon APPLID.

**System action:** Processing continues.

**User response:** Log on to *name* when you are ready to use IDC.

---

**ITP1504I**    INVALID EXECUTION PARAMETER  
SPECIFIED

**Explanation:** This message is issued when an invalid execution parameter is detected.

**System action:** ITPIDC closes down after issuing this message.

**User response:** Check the ITPIDC execution parameters.

---

**ITP1505I**    WSim INTERACTIVE DATA CAPTURE  
UTILITY IS CLOSED DOWN

**Explanation:** This message is issued when ITPIDC closed down.

**System action:** None.

**User response:** None.

---

**ITP1506I**    INSUFFICIENT STORAGE AVAILABLE  
TO INITIALIZE ITPIDC

**Explanation:** This message is issued when there is insufficient storage available to initialize ITPIDC.

**System action:** ITPIDC closes down after issuing this message.

**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  
{DISPLAY<sup>3</sup>APPLICATION} *name*

**Explanation:** This message is issued when a session starts with a display or application program. *name* is the VTAM network name of the display or application program.

**System action:** Processing continues.

**User response:** None.

---

**ITP1508I**    SESSION ENDED WITH  
{DISPLAY<sup>3</sup>APPLICATION} *name*

**Explanation:** This message is issued when a session ends with a display or application program. *name* is the VTAM network name of the display or application program.

**System action:** Processing continues.

**User response:** None.

---

**ITP1509I**    UNABLE TO ESTABLISH SESSION  
WITH {DISPLAY<sup>3</sup>APPLICATION} *name*

**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.

**System action:** Processing continues.

**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*

**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.

**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.

**ITP1512I** VTAM SHUTDOWN SIALED

**Explanation:** This message is issued when VTAM schedules the TPEND exit.

**System action:** ITPIDC closes down after issuing this message.

**User response:** None.

**ITP1513I** NOTIFY RECEIVED - REASON=*nm*  
SENSE=*nnnnnnnn*

**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.

**ITP1514I** CAPTURING DATA  
{STARTED<sup>3</sup>STOPPED}

**Explanation:** This message is logged to indicate when data capture is started and stopped.

**System action:** Processing continues.

**User response:** None.

**ITP1515I** ERROR WRITING TO {TRACE<sup>3</sup>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<sup>3</sup>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<sup>3</sup>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.

**ITP1518I** UNSUPPORTED {STRUCTURED  
FIELD<sup>3</sup>AID KEY VALUE<sup>3</sup>PARTITION  
ID} RECEIVED FROM  
{DISPLAY<sup>3</sup>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 {DISPLAY<sup>3</sup>APPLICATION} 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 SIGNALLED FOR  
{DISPLAY<sup>3</sup>APPLICATION} name  
REASON CODE = nm**

**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  
RESPONSE<sup>3</sup>EXCEPTION  
REQUEST<sup>3</sup>DATA STREAM} RECEIVED  
FROM {DISPLAY<sup>3</sup>APPLICATION} 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<sup>3</sup>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 an operand that is too long or short. For example, the MSGTXT name is greater than 8 characters long.

**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.

---

**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.

---

**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.

---

**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.

---

**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.

---

**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.

---

**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.

---

**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.

---

**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.

---

**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.

**User response:** Ensure that the correct IDC or WSim log data set is used as input for script generation.

---

**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 *xxxx***

**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. *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 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.

---

**ITP1688I      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.

---

**ITP1689I      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.

**System action:** No script is generated.

**User response:** Increase the storage available to ITPIDC or ITPLSGEN. Increase the region size parameter on the EXEC or CALL statement used to invoke ITPIDC or ITPLSGEN.

---

**ITPLU2RF messages (1800 - 1808)**

The following messages are generated by the SNA 3270 Reformatter.

---

**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.

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.

---

**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.

---

**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.

---

**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

---

**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.

---

ITP1807      **BAD STRUCTURED FIELD IN NEXT RECORD**

**Explanation:** The NPM log contains an inbound structured field with an invalid ID. The ID must be either X'80' (inbound 3270DS) or X'81' (Query Reply).

**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.

---

ITP1808      **UNKNOWN PARTITION ID IN NEXT RECORD**

**Explanation:** The NPM log contains a structured field with an invalid partition ID.

**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.

---

11 **TCP/IP trace and STL program generation messages (1900 - 1999)**

11                    This section describes the messages that you might encounter when you generate a  
 11                    TCP/IP data trace or an STL program from a TCP/IP trace.

---

22 ITP1901I      **ENTER ITPIPGEN COMMANDS**

22 **Explanation:** 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.

22 **System action:** ITPIPGEN waits for a command to be 22 entered at the console or the TSO screen.

22 **User response:** Enter ITPIPGEN commands at the 22 console. Enter END when you are ready to close down 22 ITPIPGEN.

---

11 ITP1902I      **OPEN FAILED FOR SYSPRINT DATA SET**

11 **Explanation:** This message is issued when ITPIPTRX 11 is unable to open the SYSPRINT data set.

11 **System action:** ITPIPTRX stops.

11 **User response:** Check the specification of the 11 SYSPRINT DD and rerun ITPIPTRX.

---

11 ITP1903I      **LOAD OF PRINT MODULE ITPPUTM FAILED**

11 **Explanation:** This message is issued when ITPIPTRX 11 is unable to load the load module ITPPUTM used to 11 handle printing to SYSPRINT.

11 **System action:** ITPIPTRX stops.

11 **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.

---

11 ITP1904I      **LOAD OF TRACE I/O MODULE ITPRSQIO FAILED**

11 **Explanation:** This message is issued when ITPIPTRX 11 is unable to load the load module ITPRSQIO used to 11 handle I/O for the trace data set.

11 **System action:** ITPIPTRX stops.

11 **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.

---

11 ITP1905I      **INVALID SERVER PORT PARAMETER SPECIFIED**

11 **Explanation:** The value specified for the PORT 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 PORT parameter.

---

11 ITP1906I      **INVALID CLIENT IP ADDRESS PARAMETER SPECIFIED**

11 **Explanation:** The value specified for the IP parameter 11 passed to ITPIPTRX was not in the correct IPV4 or 11 IPV6 format.

11 **System action:** ITPIPTRX stops.

11 **User response:** Correct the value that is specified for 11 the IP parameter.

---

11  
11 ITP1910I ATTACH OF TCP/IP TRACE MODULE  
11 ITPIPTRC FAILED

11 **Explanation:** This message is issued when ITPIPTRX  
11 is unable to successfully attach the load module  
11 ITPIPTRC used to handle requests to the real-time  
11 application controlled TCP/IP trace Network  
11 Management Interface.

11 **System action:** ITPIPTRX stops.

11 **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.

---

11  
11 ITP1911I OPEN OF THE WSIM LOAD LIBRARY  
11 AS A TASK LIBRARY FAILED

11 **Explanation:** This message is issued when ITPIPTRX  
11 is running in TSO foreground and is unable to  
11 successfully open the WSim load module data set to be  
11 used as a task library during trace processing.

11 **System action:** ITPIPTRX stops.

11 **User response:** Ensure the WSim load module data set  
11 is specified as the load library on the WSim System  
11 Defaults panel.

---

11  
11 ITP1912I CREATION OF A NAME/TOKEN FOR  
11 THIS TRACE INSTANCE FAILED  
11 WITH RE-TURN CODE *nnnnn*

11 **Explanation:** When running in TSO foreground,  
11 ITPIPTRX calls IEANTCR to create a name/token used  
11 to save information about the status of the TCP/IP  
11 trace. The call failed with return code *nnnnn*.

11 **System action:** ITPIPTRX stops.

11 **User response:** Log off TSO, then log back in to TSO  
11 and retry the trace. If the problem persists, report the  
11 return code to your z/OS® system programmer.

---

11  
11 ITP1913I NEW TCP/IP TRACE CANNOT BE  
11 STARTED - A TRACE IS CURRENTLY  
11 ACTIVE FOR THIS TSO/ISPF USER

11 **Explanation:** When running in TSO foreground,  
11 ITPIPTRX could not initiate a TCP/IP trace because  
11 there was already a TCP/IP trace active for the TSO  
11 user ID.

11 **System action:** ITPIPTRX stops.

11 **User response:** Log off TSO, then log back in to TSO  
11 and retry the trace. If the problem persists, report it to  
11 your z/OS system programmer.

11

---

11  
11 ITP1914I A TRACE OUTPUT DATA SET HAS  
11 NOT BEEN ALLOCATED TO THE  
33 TCPTRACE DD

11 **Explanation:** The output data set used by ITPIPTRX to  
11 save the TCP/IP trace records was not allocated to the  
11 TCPTRACE DD.

11 **System action:** ITPIPTRX stops.

11 **User response:** Correct the JCL or REXX/CLIST to  
11 ensure that the output trace data set is allocated to the  
11 TCPTRACE DD.

---

11  
11 ITP1915I AN INVALID DATA SET TYPE HAS  
11 BEEN ALLOCATED TO THE  
11 TCPTRACE DD

11 **Explanation:** The output data set allocated to the  
11 TCPTRACE DD and used by ITPIPTRX to save the  
11 TCP/IP trace records is not a sequential data set.

11 **System action:** ITPIPTRX stops.

11 **User response:** Correct the JCL or REXX/CLIST to  
11 ensure that a sequential data set is allocated to the  
11 TCP-TRACE DD.

---

11  
11 ITP1916I A DATA SET CONCATENATION IS  
11 INVALID FOR THE TCPTRACE DD

11 **Explanation:** A data set concatenation is invalidly  
11 specified for the TCPTRACE DD used by ITPIPTRX to  
11 write out the TCP/IP trace records.

11 **System action:** ITPIPTRX stops.

11 **User response:** Correct the JCL or REXX/CLIST to  
11 ensure that a concatenation is not specified for the  
33 TCPTRACE DD.

---

11  
11 ITP1917I TCP/IP DATA TRACE TASK FAILED  
11 TO PROCESS THE TRACE REQUEST

11 **Explanation:** Module ITPIPTRC runs as a subtask and  
11 processes requests to the real-time application  
11 controlled TCP/IP trace network management interface.  
11 ITPIPTRC was unable to process a trace request.

11 **System action:** ITPIPTRX stops.

11 **User response:** Check the z/OS system console for  
11 any TCP/IP related messages that might indicate  
11 problems with the real-time application controlled  
11 TCP/IP trace Network Management Interface.

---

11  
11 ITP1918I TRACE FAILED DUE TO AN ERROR  
11 RETURNED BY THE REALTIME  
11 APPLICATION-CONTROLLED TCP/IP  
11 TRACE NMI

11 **Explanation:** An error occurred with the real-time  
11 application controlled TCP/IP trace Network  
11 Management Interface.

11 **System action:** ITPIPTRX stops.

11 **User response:** Check the z/OS system console for  
11 any TCP/IP related messages that might indicate  
11 problems with the real-time application controlled  
11 TCP/IP trace Network Management Interface.

11 \_\_\_\_\_

11 ITP1919I    **INVALID IDLE TIME LIMIT**  
11                   **PARAMETER SPECIFIED**

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.

11 \_\_\_\_\_

11 ITP1920I    **INSUFFICIENT STORAGE AVAILABLE**  
11                   **TO INITIALIZE TCP/IP TRACE**  
33                   **PROCESSING**

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.

11 \_\_\_\_\_

22 ITP1921I    **INVALID PARAMETER SPECIFIED**

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 when an  
22 unknown parameter is passed to the utility program.

22 **System action:** ITPIPTRX and ITPIPGEN stop.

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.

11 \_\_\_\_\_

22 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.

11 \_\_\_\_\_

22 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.

11 \_\_\_\_\_

11 ITP1924I    **LOAD OF STL GENERATION**  
11                   **MODULE ITPIPGST FAILED**

11 **Explanation:** This message is issued when ITPIPGEN  
11 is unable to load the load module ITPIPGST used to  
11 create the statements for the STL program.

11 **System action:** ITPIPGEN stops.

11 **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 ITPIPGEN in TSO foreground.

11 \_\_\_\_\_

11 ITP1925I    **OPEN FAILED FOR TCP/IP TRACE**  
11                   **DATA SET**

11 **Explanation:** This message can be issued by the  
11 TCP/IP Data Trace Utility ITPIPTRX and the TCP/IP  
11 Trace STL Generation Utility ITPIPGEN. ITPIPTRX  
11 issues this message when the open of the output trace  
11 data set fails. ITPIPGEN issues this message when the  
11 open of the input trace data set fails.

11 **System action:** ITPIPTRX and ITPIPGEN stop.

11 **User response:** Check the JCL or REXX/CLIST to  
11 ensure that the correct trace data set is allocated to the  
11 TCPTRACE DD. If the correct data set is specified,  
11 check the z/OS system console for any messages that  
11 provide further information about the open failure.

11 \_\_\_\_\_

11 ITP1926I    **OPEN FAILED FOR THE STL MEMBER**

11 **Explanation:** This message is issued when ITPIPGEN  
11 is unable to open for output the member where the  
11 STL program is written.

11 **System action:** ITPIPGEN stops.

11 **User response:** Check the JCL or REXX/CLIST to  
11 ensure that the correct data set and member is allocated  
11 to the STLTX DD. If the correct data set and member  
11 are specified, check the z/OS system console for any  
11 messages that provide further information about the  
11 open failure.

11 \_\_\_\_\_

11 ITP1927I    **OPEN FAILED FOR THE NETWORK**  
11                   **MEMBER**

11 **Explanation:** This message is issued when ITPIPGEN  
11 is unable to open for output the member where the  
11 network definition is written.

11 **System action:** ITPIPGEN stops.



11 **User response:** Check the JCL or REXX/CLIST to  
 11 ensure that the correct data set and member is allocated  
 11 to the NTRWK DD. If the correct data set and member  
 11 are specified, check the z/OS system console for any  
 11 messages that provide further information about the  
 11 open failure.

---

11 ITP1928I      **INVALID TCP/IP TRACE RECORD**  
 11                    **TYPE FOUND**

11 **Explanation:** This message is issued when ITPIPGEN  
 11 is TCP/IP trace record that is not a data trace record or  
 11 a packet trace record.

11 **System action:** ITPIPGEN stops.

11 **User response:** Run the TCP/IP Trace Formatting  
 11 Utility ITPIPFMT to see whether the input trace data  
 11 sets contain records other than data trace or packet  
 11 trace records.

---

11 ITP1929I      **UNRECOGNIZED RETURN CODE**  
 11                    **FROM ITPIPGST**

11 **Explanation:** ITPIPGEN received an unknown return  
 11 code from the module ITPIPGST used to create the  
 11 statements for the STL program.

11 **System action:** ITPIPTRX and ITPIPGEN stop.

11 **User response:** Contact IBM support personnel for  
 11 assistance with problem resolution.

---

11 ITP1930I      **NO COMMANDS SPECIFIED**

22 **Explanation:** This message is issued when ITPIPGEN  
 22 reads a blank record from the SYSIN data set.

22 **System action:** ITPIPGEN continues processing the  
 22 next command.

22 **User response:** Enter a valid ITPIPGEN command.

---

22 ITP1931I      **ALL THE REQUIRED COMMANDS**  
 22                    **WERE NOT SPECIFIED**

22 **Explanation:** This message is issued by ITPIPGEN  
 22 when a RUN command is entered before all the  
 22 required commands are entered. The IP, PORT,  
 22 MSGTXT, INPUT, and STLOUT commands must be  
 22 entered before each RUN.

22 **System action:** ITPIPGEN ignores the RUN command  
 22 and continues processing the next command.

22 **User response:** If you are entering commands at the  
 22 console or from the TSO screen, enter the missing  
 22 commands, followed by the RUN command. If the  
 22 commands are being read from the SYSIN data set, add  
 22 the missing commands and rerun ITPIPGEN.

11

---

22 ITP1932I      **INVALID COMMA PRECEDING**  
 22                    **OPERAND**

22 **Explanation:** This message is issued when ITPIPGEN  
 22 detects a command with a comma before the first  
 22 operand.

22 **System action:** ITPIPGEN ignores the invalid  
 22 command and continues processing the next command.

22 **User response:** If you are entering commands at the  
 22 console or TSO screen, reenter the command correctly.  
 22 If the commands are being read from the SYSIN data  
 22 set, correct the command and rerun ITPIPGEN.

---

22 ITP1933I      **NO OPERANDS FOUND WITH**  
 22                    **COMMAND**

22 **Explanation:** This message is issued when ITPIPGEN  
 22 detects a command without the required operands. The  
 22 33 IP, PORT, MSGTXT, INPUT, STLOUT, NETOUT, and  
 22 NTRWK commands have required operands.

22 **System action:** ITPIPGEN ignores the invalid  
 22 command and continues processing the next command.

22 **User response:** If you are entering commands at the  
 22 console or TSO screen, reenter the command correctly.  
 22 If the commands are being read from the SYSIN data  
 22 set, correct the command and rerun ITPIPGEN.

---

22 ITP1934I      **INVALID OPERAND ENTERED**

22 **Explanation:** This message is issued when ITPIPGEN  
 22 detects an invalid operand on a valid command.

22 **System action:** ITPIPGEN ignores the invalid  
 22 command and continues processing the next command.

22 **User response:** If you are entering commands at the  
 22 console or TSO screen, reenter the command correctly.  
 22 If the commands are being read from the SYSIN data  
 22 set, correct the command and rerun ITPIPGEN.

---

22 ITP1935I      **INVALID COMMAND OPERAND**  
 22                    **LENGTH**

22 **Explanation:** This message is issued when ITPIPGEN  
 22 detects an operand that is too long or short. For  
 22 example, the MSGTXT name is greater than 8  
 22 characters long.

22 **System action:** ITPIPGEN ignores the invalid  
 22 command and continues processing the next command.

22 **User response:** If you are entering commands at the  
 22 console or TSO screen, reenter the command correctly.  
 22 If the commands are being read from the SYSIN data  
 22 set, correct the command and rerun ITPIPGEN.

---

11

11 \_\_\_\_\_  
 22 ITP1936I    **MAXIMUM NUMBER OF OPERANDS**  
 22                    **EXCEEDED**

22 **Explanation:** This message is issued when ITPIPGEN  
 22 detects a command with too many operands.

22 **System action:** ITPIPGEN ignores the invalid  
 22 command and continues processing the next command.

22 **User response:** If you are entering commands at the  
 22 console or TSO screen, reenter the command correctly.  
 22 If the commands are being read from the SYSIN data  
 22 set, correct the command and rerun ITPIPGEN.

11 \_\_\_\_\_  
 22 ITP1937I    **INVALID OPERAND SPECIFIED**

22 **Explanation:** This message is issued when ITPIPGEN  
 22 detects an invalid operand on a valid command.

22 **System action:** ITPIPGEN ignores the invalid  
 22 command and continues processing the next command.

22 **User response:** If you are entering commands at the  
 22 console or TSO screen, reenter the command correctly.  
 22 If the commands are being read from the SYSIN data  
 22 set, correct the command and rerun ITPIPGEN.

11 \_\_\_\_\_  
 22 ITP1938I    **ALLOCATION OF THE TRACE DATA**  
 22                    **SET TO THE TCPTRACE DD FAILED,**  
 22                    **ERROR REASON CODE xxxx**

22 **Explanation:** This message is issued by ITPIPGEN  
 22 when the input TCP/IP trace data set cannot be  
 22 dynamically allocated to the TCPTRACE DD. The data  
 22 set must be allocated, cataloged, and available for read  
 22 access with a disposition of share. xxxx is the SVC 99  
 22 error reason code in hexadecimal. For more information  
 22 about the error reason codes, see Interpreting error  
 22 reason codes from DYNALLOC. in *z/OS MVS*  
 22 *Programming: Authorized Assembler Services Guide.*

22 **System action:** .  
 22 The STL program is not generated.

22 **User response:** Ensure that the correct TCP/IP trace  
 22 data set is used as input for the ITPIPGEN utility.

11 \_\_\_\_\_  
 22 ITP1939I    **ALLOCATION OF THE STL DATA SET**  
 22                    **TO THE STLTX DD FAILED, ERROR**  
 22                    **REASON CODE xxxx**

22 **Explanation:** This message is issued by ITPIPGEN  
 22 when the output STL data set cannot be dynamically  
 22 allocated to the STLTX DD. The data set must be  
 22 allocated, cataloged, and available for write access with  
 22 a disposition of share. xxxx is the SVC 99 error reason  
 22 code in hexadecimal. For more information about the  
 22 error reason codes, see Interpreting error reason codes  
 22 from DYNALLOC. in *z/OS MVS Programming:*  
 22 *Authorized Assembler Services Guide.*

22 **System action:** The STL program is not generated.

22 **User response:** Ensure that the correct STL data set is

22 used as output for the ITPIPGEN utility.

11 \_\_\_\_\_  
 22 ITP1940I    **ALLOCATION OF THE NETWORK**  
 22                    **DATA SET TO THE NTRK DD**  
 22                    **FAILED, ERROR REASON CODE xxxx**

22 **Explanation:** This message is issued by ITPIPGEN  
 22 when the output network data set cannot be  
 22 dynamically allocated to the NTRK DD. The data set  
 22 must be allocated, cataloged, and available for write  
 22 access with a disposition of share. xxxx is the SVC 99  
 22 error reason code in hexadecimal. For more information  
 22 about the error reason codes, see Interpreting error  
 22 reason codes from DYNALLOC. in *z/OS MVS*  
 22 *Programming: Authorized Assembler Services Guide.*

22 **System action:** The STL program and network  
 22 definition are not generated.

22 **User response:** Ensure that the correct network data  
 22 set is used as output for the ITPIPGEN utility.

11 \_\_\_\_\_  
 22 ITP1941I    **MESSAGE PROTOCOL USED TO**  
 22                    **COMMUNICATE BETWEEN THE**  
 22                    **CLIENT AND SERVER IS NOT HTTP**

22 **Explanation:** This message is issued by ITPIPGEN  
 22 after it examines the TCP/IP trace records and  
 22 determines that HTTP is not the protocol that is used to  
 22 exchange messages between the client and server.  
 22 ITPIPGEN can only generate STL when HTTP is the  
 22 protocol that is used to communicate between the client  
 22 and server.

22 **System action:** The STL program and network  
 22 definition are not generated.

22 **User response:** Ensure the TCP/IP trace that is  
 22 provided as input to ITPIPGEN contains client/server  
 33 messages that are based on the HTTP protocol.

11 \_\_\_\_\_  
 11 ITP1942I    **REPLY 'STOP' TO END TRACE;**  
 11                    **'QUERY' TO CHECK STATUS**

11 **Explanation:** This WTOR message is issued by  
 11 ITPIPTRX after the TCP/IP trace is enabled through a  
 11 batch job. You can request to end the trace or obtain  
 11 statistics on the status of the trace.

11 **System action:** If the response to the WTOR message  
 11 is STOP, ITPIPTRX stops the trace and saves the trace  
 11 records to the output data set. If the response is  
 11 QUERY, ITPIPTRX displays the following WTO  
 11 messages:

```
11 Number of TCP/IP data trace records collected nnnnnnnnn - nnnnnnnnn bytes
11 Trace records from client to server: nnnnnnnnn
11 Trace records from server to client: nnnnnnnnn
```

11 **User response:** Specify a response of STOP or QUERY  
 11 to the WTOR message.

11 \_\_\_\_\_  
 11

---

11  
33 ITP1943I     **WRITE I/O FAILED FOR STL DATA SET**  
33

33 **Explanation:** This message is issued by ITPIPGEN  
33 when it receives an I/O error when writing a record to  
33 the STL output data set and member.

33 **System action:** The STL program and network  
33 definition are not generated.

33 **User response:** Ensure that the space that is allocated  
33 for the STL data set is large enough to accommodate  
33 the new STL program.

---

11  
33 ITP1944I     **WRITE I/O FAILED FOR NETWORK DATA SET**  
33

33 **Explanation:** This message is issued by ITPIPGEN  
33 when it receives an I/O error when writing a record to  
33 the network output data set and member.

33 **System action:** The STL program and network

11

---

## 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" ENCOUNTERED**

**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.

33 definition are not generated.

33 **User response:** Ensure that the space that is allocated  
33 for the network data set is large enough to  
33 accommodate the new STL program.

---

11  
33 ITP1945I     **ASYNCHRONOUS HTTP REQUESTS FOUND IN THE TRACE - WSIM DOES NOT SUPPORT ASYNCHRONOUS HTTP**  
33  
33  
33

33 **Explanation:** ITPIPGEN reads through the TCP/IP  
33 trace records to check for asynchronous HTTP requests.  
33 WSim TCP/IP support cannot simulate asynchronous  
33 HTTP processing.

33 **System action:** ITPIPGEN stops STL generation  
33 processing.

33 **User response:** Ensure that the TCP/IP trace specified  
33 as input to ITPIPGEN is for client/server transactions  
33 that use synchronous HTTP requests and responses.

---

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.

#### ITP3006I 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*.

#### ITP3007I 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.

#### ITP3008I 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.

#### ITP3009I INVALID REQUEST TYPE SPECIFIED

**Explanation:** The request type that is specified on the SETRH statement is invalid. The valid request types are "DFC", "NC", "FM", and "SC".

**System action:** The current statement is ignored and processing continues.

**User response:** Code a valid request type on the SETRH statement. For more information, consult *WSim Script Guide and Reference*.

#### ITP3010I 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:

$\begin{array}{l} \text{Invalid} \\ x1 = \text{'Good-bye'} \\ \text{message} = \text{'Hello 'x1} \end{array}$	$\begin{array}{l} \text{Valid} \\ x1 = \text{'Good-bye'} \\ \text{message} = \text{'Hello '}]x1} \end{array}$
or	
$\text{message} = \text{'Hello 'x1}$	

#### ITP3011I 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.

#### ITP3012I ONLY ONE ON OR ONE OFF SETTING ALLOWED

**Explanation:** The keywords ON and OFF might be specified only once each on the SETRH and SETTH 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.

**User response:** Consult *WSim Script Guide and Reference* for a description of valid STL statements.

**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.

**User response:** Consult *WSim Script Guide and Reference* for the correct syntax of the statement.

**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.

**User response:** Code a valid chain position on the SETRH statement. For more information, consult *WSim Script Guide and Reference*.

---

**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 */

/* Store WORK in the variable B          */
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.

---

**ITP3028I    UNSHARED STRING VARIABLE  
LIMIT EXCEEDED**

**Explanation:** An attempt is made to declare an unshared string variable but the limit of 4095 unshared string resources (WSim save areas) is reached. Unshared string resources are used when a string variable is either explicitly or implicitly declared.

**System action:** The current statement is ignored and processing continues.

**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).

---

**ITP3029I    SHARED STRING VARIABLE LIMIT  
EXCEEDED**

**Explanation:** An attempt is made to declare a shared string variable but the limit for the number of these variables is reached. No more than 4095 shared string variables might be declared.

**System action:** The current statement is ignored and processing continues.

**User response:** If more than 4095 shared string variables are needed, try breaking up the current STL program into multiple programs that require fewer shared strings.

Wherever possible, named string constants must be used instead of string variables. Named constants do not use string variable resources (WSim save areas).

---

**ITP3030I    UNSHARED BIT VARIABLE LIMIT  
EXCEEDED**

**Explanation:** An attempt is made to declare an unshared bit variable but the limit of 4095 unshared bit resources (WSim switches) is reached. Unshared bit resources are used when a bit variable is either explicitly or implicitly declared or by the STL Translator during the computation of complex conditions. Typically the STL Translator requires 2 to 5 unshared bit resources for the computation of complex conditions.

**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.

---

**ITP3031I    SHARED BIT VARIABLE LIMIT  
EXCEEDED**

**Explanation:** An attempt is made to declare a shared bit variable but the limit for the number of these variables is reached. No more than 4094 shared bit variables can be declared.

**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.

---

**ITP3032I    LABEL NAME ALREADY DEFINED**

**Explanation:** A previously defined name is used as a label. All labels within the same STL program must have a unique name.

**System action:** The current statement is ignored and processing continues.

**User response:** Change the label name to some unique name. Also, change any references to that name, for example on a CALL.

---

**ITP3033I    INVALID LABEL NAME; REMAINDER  
OF STATEMENT IGNORED**

**Explanation:** The label name that is used in the statement is invalid. The label name must begin with an alphabetic character, \$, @, or #. Only alphanumeric, \$, @, and # characters are allowed. The name must also be less than or equal to 8 characters long, must not be a reserved word or a variable name, and cannot begin with the characters \$LA, \$SET, or \$INC.

**System action:** The current statement is ignored and processing continues.

**User response:** Use a valid label name. Consult *WSim Script Guide and Reference* for more information.

---

**ITP3034I    MSGTXT STATEMENT MUST HAVE A  
NAME**

**Explanation:** An MSGTXT statement is found without a name. A name is required on all MSGTXT statements.

**System action:** The current statement is ignored and processing continues.

**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.

**User response:** Code a valid date format. The valid date formats are the following formats: "D", "E", "H", "J", "M", "N", "O", "P", "S", "T", "U", and "W".

---

**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.



**System action:** 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" ENCOUNTERED

**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.

**System action:** The current statement is ignored and processing continues.

**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.

**System action:** The current statement is ignored and processing continues.

**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.

**System action:** The current statement is ignored and processing continues.

**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, Q SIGNAL, POST, and RESET statements must be 1 - 21474836.

**System action:** The current statement is ignored and processing continues.

**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.

**System action:** The current statement is ignored and processing continues.

**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.

**System action:** The current statement is ignored and processing continues.

**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.

**System action:** The current statement is ignored and processing continues.

**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.

**System action:** The current statement is ignored and processing continues.

**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 SIGNED() 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.

**User response:** End the SELECT statement group with an END statement. Consult *WSim Script Guide and Reference* for the current syntax of the SELECT statement.

**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

```
onin substr(ru,1,1) = '31'x,
   | substr(ru,1,1) = '32'x,
   | substr(ru,1,1) = '0D'x then
   sess_control = on
```

Several Simple Conditions

```
onin substr(ru,1,1) = '31'x then
   sess_control = on
onin substr(ru,1,1) = '32'x then
   sess_control = on
onin substr(ru,1,1) = '0D'x 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

```
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

```
sendmsgs: msgutbl
'Hello'
'Now is the time'
'Four score and'
endutbl
```

```
respmsgs: msgutbl
'Good-bye'
'For all good men'
'Seven years ago'
endutbl
```

```
test2: msgtxt
do i = 0 to utblmax(sendmsgs
   type utbl(sendmsgs,i)
   response = utbl(respmsgs,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 SINGALED 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.

**User response:** Consult *WSim Script Guide and Reference* for a description of valid asynchronous subset statements.

**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.

**User response:** Consult *WSim Script Guide and Reference* for the proper syntax of the function.

---

**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 INITSFL1 or INITSFL2 type of SNACMND or a *notifyfp*, *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.

**User response:** Consult *WSim Script Guide and Reference* for the proper syntax for the function.

---

**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:

Function	Length argument range	Expression Type
ATTR3270	1-11	Integer Constant
CHAR	1-10	Integer Constant
C2D	1-4	Integer Constant

Function	Length argument range	Expression Type
E2D	1-10	Integer Constant
HEX	1-4	Integer Constant
ID	1-8	Integer Constant
SUBSTR	1-32767	Integer
TOD	1-8	Integer Constant

Make sure that the correct type of expression is specified.

---

#### ITP3080I    INVALID SENSE OR SON HEX STRING ARGUMENT SPECIFIED

**Explanation:** The *sense* argument that is specified on an LUSTAT, SIGNAL, or UNBIND type of SNACMND or the *son* argument that is specified on an UNBIND type of SNACMND is invalid.

**System action:** The current statement is ignored and processing continues.

**User response:** The SENSE argument must be an 8-digit hexadecimal string constant. The *son* argument must be a 2-digit hexadecimal string constant. For more information, consult *WSim Script Guide and Reference*.

---

#### ITP3081I    INVALID ASYNCHRONOUS "SUBSTR"

**Explanation:** The SUBSTR function coded is invalid on an asynchronous statement.

**System action:** The current statement is ignored and processing continues.

**User response:** Consult *WSim Script Guide and Reference* for a list of restrictions on the SUBSTR function when coded on an asynchronous statement.

---

#### ITP3082I    INVALID MEMBER NAME ON @INCLUDE STATEMENT

**Explanation:** The member name that is coded on the @INCLUDE statement that is just processed is invalid.

**System action:** The current statement is ignored and processing continues.

**User response:** Ensure that the member name has a valid format. Refer to *WSim Script Guide and Reference* for the syntactical rules for member names.

---

#### ITP3083I    INVALID FORMAT FOR RIGHT SIDE OF TEST UNDER MASK (&=)

**Explanation:** A test under mask (&=) operation contains an invalid right-side operand.

**System action:** The current statement is ignored and processing continues.

**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    INVALID LABEL USE; FUNCTION NAME MAY BE MISSING OR INVALID

**Explanation:** A label name is used improperly in a statement in place of a variable name.

**System action:** The current statement is ignored and processing continues.

**User response:** Change the variable name to be something other than a predefined label name. If the label name is to be used in an STL function, then check to ensure that the function name is coded and that it is spelled correctly.

---

#### ITP3087I    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.

**User response:** Consult *WSim Script Guide and Reference* for restrictions on asynchronous conditions.

---

**ITP3090I    ASYNCHRONOUS SUBSET  
STATEMENT NOT SUPPORTED**

**Explanation:** An ON SIGNED 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 SIGNED statement.

**System action:** The current statement is ignored and processing continues.

**User response:** Correct the wanted action on the ON SIGNED 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, *low* must be an integer constant expression with a value from 0 to 2147483646, *high* must be an integer constant expression with a value from 1 to 2147483647, and *low* must be less than *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 or missing.

**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.

**User response:** Consult (*WSim Script Guide and Reference*) for a description of the ON SIGNALED statement.

---

**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.

**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.

#### 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:

"@", "A", "B", "C", "D", "E", "F", "G", "H", "I", "J", "K", "L", "M", "N", "O"

For the ESC statement, you must select a string constant from the following list:

"0", "1", "2", "A", "B", "C", "D", "E", "H", "I", "J", "K", "L", "N", "O", "P", "Q"

#### ITP3116I INVALID CHARACTER SET SPECIFIED ON "CHARSET" STATEMENT

**Explanation:** An invalid character set specification is used on a CHARSET statement.

**System action:** The current statement is ignored and processing continues.

**User response:** The character set specified must be a string constant (enclosed in quotation marks), selected from the following list. Lowercase or uppercase can be used.

"APL", "FIELD", "PSA", "PSB", "PSC", "PSD", "PSE", "PSF", 'yy'x where 40 <= yy <= EF

#### ITP3117I 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"

#### ITP3118I INVALID HIGHLIGHTING OPTION USED ON "HIGHLIGHT" STATEMENT

**Explanation:** An invalid highlighting specification is used on a HIGHLIGHT 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"

#### ITP3119I "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.

#### ITP3120I 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
```

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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. A 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. A 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.

This value must be an integer expression.

---

**ITP3161I    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 NTRWK 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 NTRWK 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  
                 NTRWK OR PREP STATEMENT**

**Explanation:** Input records were detected in the network definition before processing a valid NTRWK or PREP statement. These records were ignored.

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

**User response:** Make the first WSim statement in your network definition be either an NTRWK 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 NTRWK statement was found in your network definition with the same name as a previous NTRWK statement.

**System action:** Only the last instance of the NTRWK statement is preprocessed. Previous instances with the same name are ignored.

**User response:** Code unique names for all NTRWK 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* SIGNALLED; *action***

**Explanation:** The named event is signaled by this terminal, some other terminal in the network, or the WSim operator.

**System action:** An ON SIGNALLED 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 SIGNED 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.

---

**ITP3521I    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 continues 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.

---

**ITP3522I    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.

---

**ITP3523I    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.

---

**ITP3524I    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.

---

**ITP3525I    EVENT *event\_name* {POSTED | SIGNALLED | RESET | QSIGNALLED}**

**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.

---

**ITP3526I    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.

---

**ITP3527I    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 *verbname* ISSUED:  
Conversation State = *state***

**Explanation:** A CPI-C verb is issued by a simulated Transaction Program. The CPI-C verb that is issued is *verbname*. 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.

**User response:** None. This message is for information only.

---

**ITP3531I    TRACE ERROR XXXXX. SEE  
MESSAGES AND CODES MANUAL**

**Explanation:** This message can appear for the following reasons:

- One of the rules for coding WSim statements within an @GENERATE-@ENDGENERATE pair is violated.
- There is an internal error with STL.

**Note:** Ignore the XXXXX. The number is for use by IBM if this is an internal error with STL.

**System action:** Unpredictable. Most likely, trace messages that should appear do not. You might also notice that the statement number references for some STL trace messages point to the wrong message.

**User response:** If you have @GENERATE statements coded in your STL script, ensure that the rules documented in the @GENERATE statement description section of the STL manual are being followed.

If you are following all of the coding rules for @GENERATE or you do not have @GENERATE statements coded, contact IBM to determine the cause of the failure.

---

**ITP3532I    VARIABLE SPECIFIED FOR LOG BYTE  
CONTAINS NO DATA**

**Explanation:** No data can be found in the variable you specified for the log byte.

**System action:** A null character (X'00') is used for the log byte.

**User response:** Specify a variable for the log byte that contains data.

---

**ITP4002I    CPI-C VERB *verbname* 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 *verbname*. 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 (CMSL) 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 (CMSL) 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*
- Prepare-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*.

---

**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\_State\_Check*, and execution continues.

**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*.

---

**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 (CMSSEND) 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*.

**System action:** The CPI-C verb return code is set to *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. If the buffer is not defined in the script, specify a larger value for the BUFSIZE operand on the APPCLU statement. After ensuring the send buffer size is adequate, make sure the value for the CPI-C *send\_length* operand on the CMSEND 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 *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. If the buffer is not defined in the script, specify a larger value for the BUFSIZE operand on the APPCLU statement. After ensuring the receive buffer size is adequate, make sure the value for the CPI-C *requested\_length* operand on the CMRCV 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 "CONTROL=OPRCNTL, QUALIFY=CNOS" is issued.
- DISPLAY indicates that the APPC command "CONTROL=OPRCNTL, QUALIFY=DISPLAY" is issued.

- DEALABEND indicates that the APPC command "CONTROL=DEALLOC, QUALIFY=ABNDUSER" is issued.
- DEFINE indicates that the APPC command "CONTROL=OPRCNTL, QUALIFY=DEFINE" is issued.
- PREP-TO-RCV indicates that the APPC command "CONTROL=PREPRCV" is issued.
- RCVFMH5 indicates that the APPC command "CONTROL=RCVFMH5" is issued.
- RECEIVE-ANY indicates that the APPC command "CONTROL=RECEIVE, QUALIFY=ANY" is issued.
- RECEIVE-SPEC indicates that the APPC command "CONTROL=RECEIVE, QUALIFY=SPEC" is issued.
- SENDCFM indicates that the APPC command "CONTROL=SEND, QUALIFY=CONFIRM" is issued.
- SENDDCFMS indicates that the APPC command "CONTROL=SEND, QUALIFY=DATACON" is issued.

**System action:** Processing continues.

**User response:** Determine the cause of the problem by finding the return codes in *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 = *parmname***

**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 *parmname*.

**System action:** The CPI-C verb return code is set to *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 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 *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 the purpose of 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

can be accepted by an instance of a transaction program.

**System action:** Processing continues.

**User response:** Remove the second ACCEPT verb from the script that defines the TP instance.

**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 *verbname* 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 *verbname*.

**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 (CMSSEND) 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 (CMSSEND) 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 `ITP403II` in the WSim log.





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## Chapter 3. Return codes

This chapter describes the completion codes for the WSim simulation and the WSim utilities.

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### 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:

Code	Meaning
0	The run completes with no errors.
8	Required initiator data sets cannot be opened.
12	Invalid execution parameter specified.

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### 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:

Code	Meaning
0	Execution ended successfully.
4	A parameter error occurred.
8	The SYSPRINT data set cannot be opened.
12	An invalid control statement or control statement operand was read from the CTLIN data set.
16	No NTRWK statement was read from the SYSIN data set before the first MSGTXT statement was encountered.
20	At least one of the networks submitted as input would not initialize.
24	Not enough storage was available for execution to continue.
28	The SYSUT3 data set failed to open.
32	The SYSUT2 data set failed to open.
36	The MSGDD data set failed to open.
40	The INITDD data set failed to open.
44	The SYSIN data set failed to open.
48	ITPINIT cannot initialize properly.
52	The MSGTXT data set failed to open.
56	The TAPEIN data set failed to open.
60	The first record read from the TAPEIN data set was not formatted properly for ITPSGEN.
64	A STOW operation for a member of a partitioned data set failed.
68	An error occurred while writing to an output data set.
72	An error occurred while reading from an input data set.

76	The STLTX data set failed to open.
80	The NTRWK data set failed to open.

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## ITPVTBRF return codes

ITPVTBRF reformats VTAM buffer trace records and NPM VTAMLOG trace records. At the end of execution, ITPVTBRF sets a return code to indicate the status of the execution. ITPVTBRF execution ends prematurely for all return codes except 0, 28, 32, and 40. ITPVTBRF can return the following codes:

Code	Meaning
0	Execution ended successfully.
4	An immediate end of file was encountered on the input tape.
8	The data on the input tape has the incorrect format.
12	An unrecoverable I/O error was encountered on TAPEIN.
16	An unrecoverable I/O error was encountered on TAPEOUT.
20	The TAPEIN data set cannot be opened.
24	The TAPEOUT data set cannot be opened.
28	No data was written to TAPEOUT data set.
32	At least one record with truncated data was processed.
40	A lost data record was encountered on the log tape.

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## ITPLU2RF return codes

ITPLU2RF issues the following return codes:

Code	Meaning
0	ITPLU2RF completed without any errors, warning messages or invalid sessions.
4	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.
8	ITPLU2RF completed with a least one warning message written to the WSim log. Any sessions with warning messages can be found in the ineligible terminal report.
12	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.
16	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.
20	Unable to open the NPM log. Check the allocation of the NPMLOG DD.
24	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.
28	Unable to open the SYSPRINT DD. Check the allocation of the SYSPRINT DD.
32	Unable to open the WSIMLOG DD. Check the allocation of the WSIMLOG DD.
36	Insufficient storage to run ITPLU2RF. Allocate more storage to ITPLU2RF before rerunning the job.
40	PRTLNCNT parameter incorrect. Make sure that the execution parameter has the correct format.

- 44 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.
- 48 The NPM log is empty. Make sure that the NPMLLOG DD is correctly allocated.

---

## 11 ITPIPTRX return codes

11 At the end of execution, ITPIPTRX sets a return code to indicate the status of the  
 11 execution. ITPIPTRX execution ends prematurely for all return codes except 0.  
 11 ITPIPTRX can return the following codes:

11	<b>Code</b>	<b>Meaning</b>
11	0	Execution successful
11	1004	Invalid parameter specified
11	1005	GETMAIN failed
11	1008	LOAD of WSim module failed
11	1010	ATTACH of ITPIPTRC failed
11	1012	Open of the WSim load module task library failed
11	1014	Print data set open failed
11	1015	Call to IEANTCR to create a name/token failed
11	1018	Invalid trace start request when a trace is already active
11	1020	Invalid trace stop or query request when a trace is not currently running
11	1022	Output trace data set not allocated to the TCPTRACE DD
11	1024	Invalid data set type allocated to the TCPTRACE DD
11	1025	Invalid data set concatenation for the TCPTRACE DD
11	1030	TCP/IP data trace task failed to process the trace request
11	1031	Invalid TCP/IP stack name specified
11	1032	Initialization call to the realtime application controlled TCP/IP trace Network 11 Management Interface failed
11	1035	Trace data set open failed

---

## 22 ITPIPGEN return codes

22 At the end of execution, ITPIPGEN sets a return code to indicate the status of the  
 22 execution. ITPIPGEN execution ends prematurely for all return codes except 0.  
 22 ITPIPGEN can return the following codes:

22	<b>Code</b>	<b>Meaning</b>
22	0	Execution successful
22	1003	Invalid parameter specified
22	1004	Error with control command
22	1005	GETMAIN failed
22	1007	Read I/O failed for SYSIN data set
22	1008	LOAD of WSim module failed
22	1012	Open of the WSim load module task library failed
22	1014	Print data set open failed

22	1025	Open of the input TCP/IP trace data set failed
22	1026	Open of the output STL data set and/or member failed
22	1027	Open of the output network data set and/or member failed
22	1028	Invalid TCP/IP trace record type found in the input trace data set
22	1029	Unknown return code received from module ITPIPGST used to create the statements for the STL program
22	1030	HTTP protocol not used to communicate between the client and server
22	1032	Write I/O failed for STL data set
22	1033	Write I/O failed for network data set
22	1034	Asynchronous HTTP requests found - unsupported

---

## 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:

Code	Meaning
0	The run completed with no errors.
4	Storage was not available for preprocessor execution. The preprocessor stops.
8	OPEN failed for one of the input, output, or work DCBs, or ATTACH failed for the initiator subtask. The preprocessor stops.
12	An invalid parameter was specified. The preprocessor stops.
16	Message generation decks were entered without a network configuration, and the message generation decks were not processed.
20	Network initialization ended with errors for at least one of the networks in the input data stream.
24	A STOW (partitioned data set directory update) failed for one of the output data sets. The preprocessor stops.
30	Error reading from the SYSIN input data set. The preprocessor stops.

---

## 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:

Code	Meaning
0	The run completed with no errors.
4	The SYSIN data set failed to open.
8	The MSGDD data set failed to open.
12	The INITDD data set failed to open.
16	Storage was not available for ITPSYSIN execution.
20	A STOW failed for the networks or message generation decks.

---

## 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:

Code	Meaning
0	Execution ended successfully.
4	Execution was attempted under something besides MVS or TSO.
8	A parameter error was detected.
12	An error occurred OPENing the ACB.
16	An error occurred issuing the VTAM SETLOGON request.
20	A GETMAIN storage request failed.
24	VTAM scheduled the TPEND exit routine.

---

## 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:

Code	Meaning
0	Execution successful.
4	Execution successful. Difference found for at least one resource.
8	Execution successful. Difference found for at least one resource and synchronization was attempted.
12	Execution successful. Difference found for at least one resource and the run was stopped.
16	Invalid command entered.
20	Not enough storage for execution to continue.
24	SYSPRINT failed to open.
28	An invalid execution parameter was specified.
32	MASTLDS failed to open.
36	TESTLDS failed to open.
40	No problems with execution, but no records were compared for at least one run.

---

## 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:

Code	Meaning
0	Execution completed with no errors.
4	Invalid execution parameter specified.
8	The SYSPRINT data set failed to open.
12	The SYSIN data set failed to open.

- 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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## 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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### 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**

**NC** 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.

**NS** Network services.

## **O**

### **operating system (OS)**

Software that controls the execution of programs. An operating system may provide services such as resource allocation, scheduling, input/output control, and data management. *Note: Although operating systems are predominantly software, partial or complete hardware implementations are possible.* (A)

**OS** Operating system.

## **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.

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## Bibliography

The following manuals provide additional information about the definition and operation of networks simulated by WSim:

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### 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

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### 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









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