ETI-NET Messages

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Introduction

This reference manual contains messages generated or displayed by ETI-NET products, such as BCOM, BackHome and HCOM. It is divided into the following sections.

1. BCOM and BackHome messages

    These messages are further grouped into the platforms where they are logged:

    - Guardian NSK specific
    - Multi-platforms messages
    - IBM MVS specific

2. HCOM messages

BCOM and BackHome Messages

These BCOM and BackHome messages are classified along the platforms, as followed:

- Guardian NSK specific messages
- Multi-platforms messages
- IBM MVS specific messages

Within a platform classification, the messages are further grouped into sub-product types or format/usage types.

Guardian NSK Specific

These messages are generated by BCOM or BackHome modules reside on Guardian NSKL platforms. They are grouped into:

- BCOM/BackHome main modules messages
- BackHome for TMF messages.
- BFSGEN User messages.
- BackHome for TMF - ETMFINT User messages

The messages are generated by BCOM version 5.1 or later, BackHome version 5.2 or later, and BackHome for TMF version 5.1 or later.

BCOM/BackHome Messages

These NKS log messages are generated by BCOM and BackHome modules. This list does not include:

- BCOM EP specific messages
- BackHome for TMF specific messages
- BCOM FTP messages

EMS Id	Module	Message	Parameters	Probable Cause	Action
none	BFSSER(X)	<procname> PROCESS MUST BE NAMED	<procname> - Process-name	Error message. The server process is unnamed.	Please give a name for the server process.
none	BFSSER(X)	PROCESS_GETPAIRINFO_ ERROR <err> DETAIL <detail> ENCOUNTERED, ABEND	<err> - Error <detail> - Detail	Internal error. The PROCESS_GETPAIRINFO_ is occurred error with detail	Refer to the document *Guardian Procedure Calls Reference Manual*.
3	ETIDIST	UNABLE TO FORMAT EVENT ID <event ID>, ERROR <error>	<event ID> - Event ID <error> -Error	Internal error or, The EVNTDB database does not contain the mentioned event number.	Make sure the latest EVNTDB is used. OR Please contact ETI-NET Support
5	BFSMON	MONITOR <name> HAS SUCCESSFULLY SHUTDOWN.	<name> - BFSMON process name	Informational message indicates that BCOM monitor has shutdown after all current requests have completed and all connected BFSINT processes have terminated	None. Description of SHUTDOWN command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/TSM Installation and User Guide*.
6	BFSMON	PROCESS <procname> IS DRAINING - DRAIN COMMAND ISSUED BY USER <user-ID>	<procname> - Transfer process name <user-ID> - User ID	Informational message indicates that a transfer process is stopping after command DRAIN (DRAIN ALL) was issued from BFSINT.	None. Description of DRAIN (DRAIN ALL) command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/TSM Installation and User Guide*.

EMS Id	Module	Message	Parameters	Probable Cause	Action
7	BFSMON	PROCESS <procname> IS ABORTING - ABORT COMMAND ISSUED BY USER <user-ID>	<procname> - Transfer process name <user-ID> - User ID	Informational message indicates that a transfer process is stopping after command ABORT process (ABORT ALL) was issued from BFSINT.	None. Description of ABORT (ABORT ALL) command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/ TSM Installation and User Guide*.
10	BFSREQ(X)	SESSION ESTABLISHED ON <LU-name> WITH REMOTE LOCATION <RLOC>.	<LU-name> - Logical Unit name. <RLOC> - Remote location	Informational message. Indicate that the session established on the system mentioned by using LU with remote location.	None.
13	BFSREQ(X)	RETRY FOR <LU-name> TO CONNECT WITH RLOC <RLOC>, RETRY <retry>, MAXTRETRY <gretry>, NEXT INTERVAL IN <mins> MINs.	<LU-name> - Logical Unit name. <RLOC> - Remote location <retry> - Retry number <gretry> - Maximum retry allowed <mins> - Minute	Informational message. LU is retrying to connect with partner.	None.
14	BFSLOG BFSMON BFSREQ(X) BFSSER(X)	ETINET <progname> VERSION <ver> (<verdate>), COPYRIGHT ETI-NET <year>.	<progname> - ETI-NET program name <ver> - Product version <verdate> - Product version date <year> - Copyright year	Informational message. Informs user about ETI-NET program name, version number, version date, and copyright year	None
15	BFSREQ(X) BFSSER(X)	LOCAL LOCATION %<LLOC> CONNECTED WITH NETWORK <networkname>.	<LLOC> - Local location <networkname> - BCOM network name.	Informational message. Indicate that the local location is successfully connected with the network	None.
16	BFSMON	MONITOR <name> IS SHUTTING DOWN - SHUTDOWN COMMAND ISSUED BY USER <user-ID>.	<name> - BFSMON process name <user-ID> - User ID	Informational message indicates that BCOM monitor is starting shutdown after command SHUTDOWN (Note: not hard SHUTDOWN!) was issued from BFSINT.	None. Description of SHUTDOWN command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/TSM Installation and User Guide*.
18	BFSREQ(X) BFSSER(X) TSMREQ	MONITOR <procname> IS DOWN - STOPPING MYSELF.	<procname> - Process name.	Informational message. When the monitor stops, the transfer process (BFSREQ(X), BFSSER(X), TSMREQ) stops afterwards.	None.
22	BFSSER(X)	SESSION ESTABLISHED ON <LU-name> WITH REMOTE PARTNER.	<LU-name> - Logical Unit name.	Informational message. Indicate that the session established on the system mentioned by using LU with remote partner (requester).	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
25	BFSMON	TOO MANY TRANSFER PROCESSES DEFINED		User error message indicates that too many transfer processes have been defined in the Configuration file. Only 16 such processes can be defined.	Refer to BCOM Installation Guide, section Defining Requestor and Server processes and reduce the total number of defined transfer processes.
26	BFSMON	TOO MANY ROUTINGS DEFINED		User error message indicates that for BCOM FTP maximum (64) number of defined routings into configuration file has been reached.	Reduce into BCOM configuration file the number of the routings for BCOM FTP
27	BFSMON	TOO MANY LUS OR IP-SESSIONS DEFINED		User error message indicates that the maximum (64) number of the defined LUs (for BCOM APPC) or IP-sessions (for BCOM FTP) into BCOM configuration file has been reached.	Reduce into BCOM configuration file the number of the defined LUs for BCOM APPC or IP-sessions for BCOM FTP. Refer to *BCOM Installation Guide* or *BCOM for NSK Guardian FTP Option Installation Guide*
30	BFSMON	ROUTING INFO REFERS TO NON-EXISTING REQUESTOR \<procname\>.	\<procname\> - Requestor process name	Internal error. Defined routing into configuration file does not refer to any defined requestor process	Collect all pertinent information(especially BCOM configuration file and output of BFSGEN program (binary configuration file)) and contact ETI-NET Support
31	BFSMON	TOO MANY ROUTINGS DEFINED FOR REQUESTOR \<procname\>	\<procname\> - Requestor process name	Internal error. Total number of defined routings for one requestor less than last consecutive number of current routings for this requestor	Collect all pertinent information(especially BCOM configuration file and output of BFSGEN program (binary configuration file)) and contact ETI-NET Support
32	BFSMON	REQUESTOR \<procname\> REFERS TO NON-EXISTING REMOTE-LOCATION \<RLOC\>	\<procname\> - Requestor process name \<RLOC\> - Remote location name	Internal error. Record from the configuration file for requestor's routing contains non-existent remote location name	Collect all pertinent information(especially BCOM configuration file and output of BFSGEN program (binary configuration file)) and contact ETI-NET Support
33	BFSMON	\<type\> REQUESTOR \<procname\> CAN ONLY BE 'STANDARD'	\<type\> - Requestor type \<procname\> - Requestor process name	User error. Requestor of type TSM, FTP or EP cannot be 'MULTIPLEX', only 'STANDARD'.	Change into BCOM configuration file the mentioned requestor type to 'STANDARD'
34	BFSMON	\<type\> SERVER \<procname\> CAN ONLY BE 'STANDARD'	\<type\> - Server type \<procname\> - Server process name	User error. Server of type FTP, TSM or EP cannot be 'MULTIPLEX', only 'STANDARD'.	Change into BCOM configuration file the mentioned server type to 'STANDARD'

EMS Id	Module	Message	Parameters	Probable Cause	Action
35	BFSREQ(X) BFSSER(X)	LU <LU-name> - SNA <MSG> RECEIVED <reason>.	<LU-name> - Logical Unit name <MSG> - SNA message type <reason> - Reason/sense data	Information message. LU receives the SNA message <MSG>.	None.
36	BFSMON	STATISTICS FILE IS MARKED FOR SWITCHING - SWITCH COMMAND ISSUED BY USER <user-ID>	<user-ID> - User ID	Informational message. This message appears after SWITCH STATS command was issued from BFSINT and there is currently an outstanding WRITE on the statistic file. The statistic files will be switched as soon as the WRITE is completed.	None. Description of SWITCH STATS command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/TSM Installation and User Guide*.
37	BFSMON	STATISTIC FILE IS SWITCHED - SWITCH COMMAND ISSUED BY USER <user-ID>	<user-ID> - User ID	Informational message confirms that the switch has finished from the current Statistics file to the new one. This message appears after SWITCH STATS command was issued from BFSINT.	None. Description of SWITCH STATS command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/TSM Installation and User Guide*.
38	BFSMON	STATISTICS FILE IS MARKED FOR DEACTIVATING - DEACTIVATE COMMAND ISSUED BY USER <user-ID>.	<user-ID> - User ID	Informational message. This message appears after DEACTIVATE STATS command was issued from BFSINT while there is outstanding WRITE on statistic file. The statistic will be deactivated as soon as WRITE is complete.	None. Description of DEACTIVATE command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/TSM Installation and User Guide*.
39	BFSMON	STATISTIC FILE IS DEACTIVATED - DEACTIVATE COMMAND ISSUED BY USER <user-ID>	<user-ID> - User ID	Informational message confirms that Statistic file feature has deactivated. This message appears after DEACTIVATE STATS command was issued from BFSINT.	None. Description of DEACTIVATE command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/TSM Installation and User Guide*.
40	BFSMON	STATISTIC FILE IS ACTIVATED - ACTIVATE COMMAND ISSUED BY USER <user-ID>	<user-ID>- User ID	Informational message confirms that Statistic file feature has activated. This message appears after ACTIVATE STATS command was issued from BFSINT	None. Description of ACTIVATE command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/TSM Installation and User Guide*.

EMS Id	Module	Message	Parameters	Probable Cause	Action
41	BFSMON	Remote BFSINT (from <Node>) rejected by BFSMON.	<Node> - remote node name	REMOTE^BFSINT attribute in the configuration file was set to NO and BFSINT was started on remote node.	Set REMOTE^BFSINT to YES or run BFSINT on the same node as BFSMON
48	BFSMON	WARNING – LICENSE WILL EXPIRE IN <nn> DAYs.	<nn> - Number of days. (From 1 to 7)	Warning: The license will expire soon. This message will be issued everyday until the license expired. Then event 49 is displayed.	Please contact ETI-NET Support for a new license.
49	BFSMON	WARNING – LICENSE WILL EXPIRE TODAY AT MIDNIGHT.		Warning: The license will expire at midnight.	Please contact ETI-NET Support for a new license.
50	BFSMON	ATTENTION – LICENSE EXPIRED.		Warning: The license has expired. This message will be issued every day.	Please contact ETI-NET Support for a new license.
201	BFSSER(X) BFSSER(X)	DNS-MAIN: DNS-ALIAS NAME NOT FOUND FOR <DNS-alias>.	<DNS-alias> - DNS (Distributed name services) alias definition	Warning message. The DNS alias name is not found for definition of alias.	Consult the Tandem documents: *Distributed Name Services (DNS) Management Programming Manual* or *DNS Management Operations Manual*.
201	BFSMON	DNS-MAIN: DNS-ALIAS NAME NOT FOUND: <DNS-alias>.	<DNS-alias> - DNS Alias define in the request definition for the local file	User error message. Alias name for DNS alias define was not found. Note: DNS Alias are supported only for APPC transfer.	Check DNS define name into the request definition for the local file Check, if the name for DNS Alias is present in distributed database of names. For more info refer to *BCOM for NSK Guardian User's Guide*.
202	BFSMON	DNS-MAIN: CANNOT OPEN DNS MANAGER. DNS-ALIAS <DNS-alias>.	<DNS-alias> - DNS Alias define in the request definition for the local file	Internal error. Tandem DNS manager process cannot be open. Note: DNS Alias are supported only by SNA APPC transfer.	Please contact ETI-NET Support.
202	BFSREQ(X) BFSSER(X)	DNS-MAIN: CANNOT OPEN DNS-MANAGER. DNS-ALIAS <DNS-alias>.	<DNS-alias> - DNS alias definition	Warning message. The DNS cannot open manager	Consult the document *Distributed Name Services (DNS) Management Programming Manual* or *DNS Management Operations Manual*.

EMS Id	Module	Message	Parameters	Probable Cause	Action
203	BFSREQ(X) BFSSER(X)	DNS-MAIN: MISSING PARAMETERS.		Warning message. The DNS is missing parameters.	- Add the parameters required. - Consult the Tandem documents: *Distributed Name Services (DNS) Management Programming Manual* or *DNS Management Operations Manual*.
204	BFSREQ(X) BFSSER(X)	DNS-MAIN: DNS FILENAME WAS UNSUCCESSFULLY CONVERTED.		Warning message. The filename used by DNS to Guardian filename is unsuccessfully converted.	Consult the Tandem documents: *Distributed Name Services (DNS) Management Programming Manual* or *DNS Management Operations Manual*.
380	BFSREQ(X) BFSSER(X) TSMREQ	REQUEST <request> SUCCESSFUL, START-TIME <start-time>, END-TIME <end-time>, RECORDS <RECCNT>.	<request> - Request name <start-time> - Request start time <end-time> - Request end time <RECCNT> - Record(s) counted	Informational only: The request terminated successfully and the message displays the request start time and date, the end time and date, the number of records transferred.	None.
381	TSMREQ	Request <request> unsuccessful, start <start-time>, end <end-time>, reason: TRANSFER FAILED.	<request> - Request name <start-time> - Request start time <end-time> - Request end time	The request is terminated unsuccessfully. 1. Information message in the case when a request has been aborted by the user or BFSMON was shutdown. 2. Internal or usage error message.	Refer to previous messages for error probable cause. It may be: connection failed, configuration is not correct, system or request definition error If TSM API error: - Refer to TSM API Manual for more explanations about return code (RC) - Consult DSIERLOG file for more info - Consult the *IBM Tivoli Storage Manager Messages* document for information on message numbers (ex. ANS4017E).
381	BFSREQ(X)	REQUEST <request> UNSUCCESSFUL, START-TIME <start-time>, END-TIME <end-time>, REASON: <reason>.	<request> - Request name <start-time> - Request start time <end-time> - Request end time <reason> - Reason code	The request is transferred unsuccessfully by indicate an error specified.	- Look at the partner's log for find more information about the reason code. If it is a problem of un-catalogued DATA SET or a problem of DATA SET size, create DATA SET or increase the size of the DATA SET for remote file. - Refer to Guardian documentation. - Consult the IBM documentation

EMS Id	Module	Message	Parameters	Probable Cause	Action
386	BFSREQ	PRINT REQ FROM <procname>, JOB #<jobnumber> <latuse>, LINES: <Joblines>, FOR <qualifiers>.	<procname> - Process name <jobnumber> - Job number <latuse> - On purpose for later use for job name <joblines> - Job Lines <qualifiers> - Qualifiers.	Informational message. The job with that number is issued print command from the process mentioned.	None.
492	BFSLOG BFSMON	<procname> CREATE BACKUP PROCESS ERROR <error>, DETAIL <err-detail>.	<procname> - Process name <error> - Error code return by PROCESS_CREATE_ <err-detail> - Detailed error code return by PROCESS_CREATE_	Internal error. Message informs user that backup process cannot be created.	Refer to *Guardian Procedure Errors and Messages Manual* for errors returned by PROCESS_CREATE_ Guardian procedure. Solution will depend on the error code and detailed error code. If the problem cannot be resolved, please contact ETI-NET Support.
493	BFSLOG BFSMON	RETRY LIMIT REACHED TRYING TO START BACKUP, <prog> WILL RUN WITH NO BACKUP	<prog> - Program name	Informative message. Informs user that the retry limit has been reached and backup process was not created. So, the process will run without backup process.	None.
494	BFSLOG	CPU <CPU> FAILED.	<CPU> - CPU number	Informative message. Informs user about CPU failure.	**OBSOLETE**. This event is replaced by event 572.
496	BFSMON	MONITOR PRIMARY PROCESS CALLED CHECKSWITCH		Warning message. BFSMON primary process becomes the backup and monitors the execution state of the new primary process.	None.
497	BFSMON	MONITOR PRIMARY CPU DOWN		Warning message. BFSMON primary process CPU is down. Backup process on another CPU will become the primary process and new Backup process will wait until downed CPU will be up.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
498	BFSMON	MONITOR PRIMARY PROCESS ABENDED		Warning message. BFSMON primary process has ABENDed and his backup process on another CPU will become the primary process. The new backup process will be created on the CPU of ABENDed primary process.	None.
499	BFSMON	MONITOR PRIMARY PROCESS STOPPED.		Warning message. BFSMON primary process has been stopped and his backup process on another CPU will become the primary process. The new backup process will be created on the CPU of stopped primary process.	None
501	BFSREQ(X)	<procname> PROCESS MUST BE NAMED.	<procname> - Process name	Informational message. The requester process must be named	Please add name to the requester process.
505	BFSLOG BFSMON	CPU <CPU> IS UP.	<CPU> - CPU number	Informative message. Informs user that a CPU is up.	None
506	BFSMON	<procname> MISSING OR INCORRECT <filename>.	<procname> - BCOM monitor process name <filename> - Missing or incorrect DEFINE or File name	User error message indicates what is missing or incorrect in BCOM environment during BCOM monitor process initialization.	Check into BCOM configuration file the mentioned DEFINES and its value, or existence of mentioned File. For more info refer to *BCOM for NSK Guardian Installation and Operations Guide*.
507	BFSMON	MONITOR <procname> CANNOT BE STARTED - SUPER.SUPER ID REQUIRED	<procname> - BCOM monitor process name	User message indicates that BCOM monitor has to be started under SUPER.SUPER ID.	If Security is set, BFSMON process has to be started under SUPER.SUPER ID. For more info about security refer to *BCOM for NSK Guardian Installation and Operations Guide*: Section *Installation procedures* and Section *Operating BCOM. Starting the Monitor*.
508	BFSREQ(X)	PROCESS <proccess-ID> STOPPED.	<proccess-ID> - Process ID.	Informational message. The process named stops.	None.
509	BFSREQ(X)	PROCESS <proccess-ID> ABORTED.	<proccess-ID> - Process ID.	Informational message. The process named aborts.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
510	BFSREQ(X) BFSSER(X)	INVALID LU NAME <LU-name> - MUST BE SNAX.	<LU-name> - Logical Unit name	Error message. The LU name is invalid.	Change LU name to SNAX type.
511	BFSREQ(X) BFSSER(X)	ERROR ON LU <LU-name> - SENSE CODE = <code>	<LU-name> - Logical Unit name <code> - Code in Hex value	Error message. An error is detected on mentioned LU.	If it was displayed after a SHUTDOWN command issued in the partner side, just restart the server. Try to do a WARMSTART command for server BFSSER(X), if it's still getting this error. Contact the ETI-NET support.
514	BFSSER(X)	ERROR ON LU <LU-name>- GUARDIAN ERROR <RCODE>.	<LU-name> - Logical Unit name <RCODE> - Return code.	Error message. Telling that an error is occurred on LU mentioned with Guardian error associated.	If it was displayed after a SHUTDOWN command issued in the partner side, just restart the server. Try to do a WARMSTART command for server BFSSER(X), if it's still getting this error. Contact the ETI-NET Support.
514	BFSREQ(X)	ERROR ON LU <LU-name>, - GUARDIAN ERROR <RCODE>.	<LU-name> - Logical Unit name <RCODE> - Return code.	Error message. Error is occurred on LU mentioned by return Guardian error code.	Refer to the error code associated
515	BFSBKUP BFSREST	TIMEOUT WAITING FOR OPEN FROM THE BACKUP/RESTORE PROCESS		Informative message.	None
516	BFSMON	MONITOR <procname> CANNOT BE STARTED - PASSWORD ERROR <error>.	<procname> - Process name <error> - Error code	Error message indicates that password into configuration file is not correct	Please contact ETI-NET Support
517	BFSBKUP BFSREST	PROCESS CALLED ABEND AS A RESULT OF BACKUP/RESTORE ABEND.		Informative message. BFSBKUP/ BFSREST abends because BACKUP/ RESTORE abends.	Refer to *Guardian Disk and Tape Utilities Reference Manual* regarding reasons of BACKUP/RESTORE abnormal termination. Log will contain additional information about BACKUP abnormal termination.
520	BFSLOG BFSMON	<procname> BACKUP PROCESS CREATED IN CPU <CPU>, RETRY <retrynum>/ <totalnum>	<procname> - Process name <CPU> - Backup CPU number <retrynum> - Retry number while trying to create backup process <totalnum> - Total number of allowable retries.	Informative message. The backup process (of a non-stop process pair) is successfully created.	None

EMS Id	Module	Message	Parameters	Probable Cause	Action
521	BFSMON	NUMBER OF LU IN ONE SESSION EXCEEDS NUMBER OF PERMITTED LUS.		Error message indicates that the number of LUs or IP sessions too big	Please contact ETI-NET Support
522	BFSMON	NUMBER OF LUS/EPS IN ALL SESSIONS EXCEEDS PERMITTED NUMBER.		Error message indicates that the total number of LUs, IP or EP sessions too big.	Please contact ETI-NET Support
523	BFSMON	TRANSFER DEVICE = <device>; MAXIMUM REQUESTS = <maxrqst>.	<device> - Device name for started transfer process <maxrqst> - Maximum concurrent requests defined for started process	Informational message. Transfer process has started successfully. Message informs about transfer device name and maximum number requests for this process	None
524	BFSMON	MONITOR <procname> HAS SUCCESSFULLY 'HARD' SHUTDOWN.	<procname> - BFSMON process name	Informational message indicates that BCOM monitor has shutdown after all current requests have completed but all connected BFSINT processes were ignored	None. Description of SHUTDOWN! command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/TSM Installation and User Guide*.
525	BFSMON	UNABLE TO START TRANSFER-PROCESS - <name> WAS NOT SPECIFIED AT STARTUP.	<name> - DEFINE name	User error message. Transfer process cannot be started because start up environment was not set up correctly.	Set correct value for mentioned DEFINE name in start up environment. For more info, please consult *BCOM for NSK Guardian Installation and Operations Guide.*
528	BFSREQ	<LU-name> - REMOTE SERVER IS NOT TYPE STANDARD.	<LU-name> - Logical Unit name.	Informational message. The LU used for server is not a standard type.	None.
529	BFSREQ(X) BFSSER(X)	LOCATION <LLOC> INCOMPATIBLE VERSION <REMOTEVER>.	<LLOC> - Local location name <REMOTEVER>- Remote version	Error message. Indicating to the user that the requester and the server have a different, incompatible version.	Use the same version for both of them.
530	BFSREQ(X) BFSSER(X)	LOCATION <LLOC> RUNNING A DIFFERENT VERSION <remote-ver>.	<LLOC> - Local location name <remote-ver> - Remote version	Warning message. Indicating to the user that the requester and the server run in a different version.	None. Advice to upgrade to the same version.
531	BFSSER(X)	RETRY IS BEING PERFORMED FOR LU <LU-name>.	<LU-name> - Logical Unit name	Informational message. LU retry is being performed.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
532	BFSSER(X)	SHUTDOWN MESSAGE RECEIVED FROM REMOTE - IGNORED.		Warning message. The shutdown message is received from the remote partner.	None.
533	BFSSER(X)	ERROR - OUTSTANDING READ COMPLETED.		Error message. The outstanding read is completed.	None.
534	BFSSER(X)	WAITING ERROR, RECEIVE UNKNOWN REMOTE RETURN CODE <RCODE>.	<RCODE> - Return code	Error message. The BFSSER(X)' waiting error is occurred, BFSSER(X) receives an unknown remote return code.	Refer to the remote partner's log for more information.
535	BFSSER(X)	LU <LU-name> - RECEIVED USER DATA WITHOUT FMH5 HEADER.	<LU-name> - Logical Unit name	Error message. The user data is not following a FMH5 header.	Collect all pertinent information and contact ETI-NET Support.
536	BFSSER	LU <LU-name> - REMOTE REQUESTER IS NOT TYPE STANDARD.	<LU-name> - Logical Unit name	Warning message. The remote requester is not a type standard.	Collect all pertinent information and contact ETI-NET Support.
537	TSMREQ	Local loc <LLOC> unable to connect to remote loc: <RLOC>	<LLOC> - Local location name <RLOC> - Remote location name.	Requestor was unable to connect to TSM server. This message is logged after the maximum connection retries has been reached.	Refer to logged previous messages during retries to connect. If there is TSM API error, - refer to TSM API Manual for more explanations about return code (RC) - Consult DSIERLOG file for more info - Consult the *IBM Tivoli Storage Manager Messages* document for information on message numbers (ex. ANS4017E) It can be network, configuration or security error.
538	BFSSER(X)	LU <LU-name> - RECEIVED INVALID MSG FOR BIND REQUEST; SESSION RE-OPENED.	<LU-name> - Logical Unit name.	Error message. The BIND request receives invalid message.	Collect all pertinent information and contact ETI-NET Support.
539	BFSLOG	<parm> PARAM MUST BE [YES or NO], DEFAULT TO [NO]	<parm> - Parameter passed to BFSLOG. Ex.: TRACE	Informative message. Informs user that value for the parameter either missing or specified incorrectly and default value will be used.	None

EMS Id	Module	Message	Parameters	Probable Cause	Action
541	BFSREQ(X) BFSSER(X)	USER EXIT <exit-msg> - INCORRECT ENABLE MASK <code>.	<exit-msg> - Exit message <code> - Code in Hex value	Error message. Showing to the user that the enable mask in exit message associated with the exit number is incorrect. Note: Enable mask tells BCOM which other exit to call while processing this request.	Refer and check in exit number associated with that exit message.
542	BFSREQ(X) BFSSER(X)	USER EXIT <exit-msg> - USER MSG : <logbuf>.	<exit-msg> - Exit message <logbuf> - Log Buffer	Informational message. The Log buffer flag is on, if user wishes to write a customized message placed in log buffer field written to the BCOM log file. Just do it.	None.
543	BSFREQ(X) BFSREQ(X)	USER EXIT <exit-msg> - INCORRECT RETURN CODE <code>.	<exit-msg> - Exit message <code>- Return code	Error message. Telling to the user that the exit message (refer to the exit number) got an incorrect return code.	Refer to the *BCOM For NSK Installation and Operation Guide* for the solution and detailed associated with the return code.
544	BFSREQ(X) BFSSER(X)	USER EXIT <exit-msg> – FILE-NAME MODIFIED <filename>.	<exit-msg> - Exit message <filename> - File name	Informational message. The file name mentioned is modified.	None.
545	BFSREQ	USER EXIT <exit-msg> - PRINT SPECIFICATION MODIFIED.	<exit-msg> - Exit message	Informational message. The print specification is modified.	None.
546	BFSSER(X)	USER EXIT <exit-msg> - SECURITY VIOLATION.	<exit-msg> - Exit message	Error message. The illegal operation attempted.	None.
548	BFSREQX	SESSION NOT ESTABLISHED ON <LU-name>, WITH REMOTE LOCATION <RLOC>.	<LU-name> - Logical Unit name. <RLOC> - Remote location	Informational message. The session is not established on LU with remote location, cause by LU not qualified.	None.
549	BFSREQX	LU <LU-name> - DELTA RESPONSE TIME <HOUR>:<MIN>:<SEC>.	<LU-name> - Logical Unit name. <HOUR> - Hour(s) <MIN> - Minute(s) <SEC> - Second(s)	Informational message. Indicate to the user that the delta response time (the moment of the signal sent and received) in hour, minute and second.	None.
550	BFSREQX	MAXIMUM ALLOWABLE TIME: <HOUR>:<MIN>:<SEC>.	<HOUR> - Hour(s) <MIN> - Minute(s) <SEC> - Second(s)	Informational message. Show the user the maximum of time allowable in hour, minute and second.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
552	BFSSER(X)	ERROR ON LU <LU-name>, HLS RETURN CODE = <RCODE>, SYSTEM ERROR CODE = <error>.	<LU-name> - Logical Unit name <RCODE> - HLS (High-Level Support) return code <error> - Error code	Error message. The error is occurred on LU with HLS return code and system error code.	Refer to the document *SNAX/HLS Diagnosis and Support Manual* for the solution and detail associated with the return code.
553	BFSSERX	LU <LU-name> - REMOTE REQUESTER IS NOT MULTIPLEXING.	<LU-name> - Logical Unit name.	Warning message. The remote partner requester is not multiplexing.	Please use the multiplexing requester in the partner side.
554	BFSSERX	RECONNECT IS BEING PERFORMED FOR LU <LU-name>.	<LU-name> - Logical Unit name.	Informational message. The reconnection of LU mentioned is being performed.	None.
555	BFSBKUP BFSLOAD BFSREST	PROCESS <PROC1> STARTED <PROC2>.	<PROC1> - Name of the process, which is starting the PROC2. <PROC2> - Name of the process, which is started by PROC1.	Informative message. Telling that BFSBKUP/BFSERST process started BACKUP/RESTORE process. Or BFSLOAD process started the process to execute the just received job-file.	None.
556	BFSREQX	<LU-name> - REMOTE SERVER IS NOT MULTIPLEXING.	<LU-name> - Logical Unit name.	Informational message. The partner remote server is not multiplexing.	None.
557	BFSREQX	REJECT LU <LU-name>.	<LU-name> - Logical Unit name.	Informational message. The LU mentioned is rejected, it is not qualified (i.e. LU is multiplexing).	Collect all pertinent information and Contact ETI-NET.
558	BFSSER(X)	PROCESS <JOBID> STOPPED BEFORE OPENING SERVER	<JOBID> - Job identification	Informational message. The process with job ID is stopped before the opening of server.	Try to restart the process after the opening of server if necessary.
566	BFSMON	ERROR, TRYING TO START UNLICENSED <PROCTYPE>.	<PROCTYPE> - Transfer process type	User error.	Please contact ETI-NET Support.
567	BFSSER(X BFSSER(X))	LU <LU-name> - BCOM HANDSHAKE-MSG IS EXPECTED.	<LU-name> - Logical Unit name	Informational message. The BCOM HANDSHAKE message receives.	None.
570	BFSMON	ERROR: OPTION NOT LICENSED <option>.	<option> - Option for BCOM	User error	Please contact ETI-NET Support.

EMS Id	Module	Message	Parameters	Probable Cause	Action
571	BFSMON	REQUEST <request> DELETED FROM QUEUE - ERROR IN RELATION WITH USERID-FILE.	<request> - Request name	Error message indicates that request will not be executed because USER ID is not allowed to queue this request. This message is only for BCOM FTP option.	Refer to BCOM for NSK Guardian. FTP Option. Installation Guide.
572	BFSLOG BFSMON	CPU <CPU> IS DOWN.	<CPU> - CPU number	Informational message indicates that a CPU is down.	Consult your system administrator.
573	BFSMON	END OF FILE REACHED ON USERID FILE		Informative message. This message informs that USER-ID cannot be found in the security file. This error applies to BCOM FTP ETI-NET product only.	Refer to *BCOM for NSK Guardian Installation and Operations Guide –* Section *BCOM Security Subsystem.*
574	BFSMON	END-OF-FILE ON USERID FILE, RLOC= <RLOC>, NODE= <node>	<RLOC> - Remote location name <node> - Remote node name	User error message indicates that server process will not start execution of the request because Remote user ID cannot be found into Security table. End of Security file has been reached when attempting to find Remote user Id.	Refer to *BCOM for NSK Guardian Installation and Operations Guide –* Section *BCOM Security Subsystem.*
575	BFSMON	RUSER= <REMOTE USER ID>.	<REMOTE USER> - Remote user name	This is message is logged after previous one (574) and gives more info: the remote user ID that cannot be found in Security table.	Refer to *BCOM for NSK Guardian Installation and Operations Guide –* Section *BCOM Security Subsystem.*
576	BFSMON	BACKUP WAS NOT CREATED FOR <procname> - SPECIFIED AN INVALID BACKUP CPU VALUE.	<procname> - Primary process name	User error message indicates that backup process cannot be created because specified CPU value is wrong.	Change the CPU value for Backup process.
578	BFSBKUP BFSLOAD BFSMON BFSREST BFSSER(X)	<procname> STOPPED, <progfile> COMP. CODE: <code>	<procname> - Process name previously started by BFSxxxx process <progfile> - Program file name started by BFSXXXX process. <code> - Completion code.	Informative message. Telling that a process previously started by this reporting process stopped with mentioned completion code in the message.	None

EMS Id	Module	Message	Parameters	Probable Cause	Action
579	BFSBKUP BFSLOAD BFSMON BFSREST BFSSER(X)	<procname> ABENDED, <progfile> COMP. CODE:<code>.	<procname> - Process name previously started by BFSxxxx process <progfile> - Program file name started by BFSXXXX process. <code> - Completion code.	Informative message. Telling that a process previously started by this reporting process ABENDed with mentioned completion code in the message.	None.
580	BFSBKUP BFSLOAD BFSMON BFSREST BFSSER(X)	TERM: <terminfo>, <termtext>.	<terminfo> - Termination information <termtext> - Termination text	Informative message. Show the termination information and text (if any) when the process previously started by this reporting process stopped or ABENDed. This message is displayed when the process stops/abends itself.	None.
581	BFSBKUP BFSLOAD BFSMON BFSREST BFSSER(X)	TERM BY <terminfo>, <termtext>.	<terminfo> - Termination information <termtext> - Termination text	Informative message. Show the termination information and text (if any) when the process previously started by this reporting process stopped or ABENDed. This message is displayed when the stopped/abended process is terminated externally.	None.
583	BFSSER(X)	LOCAL LOCATION <LLOC> MISMATCHES WITH REQUESTOR'S REMOTE LOCATION <RLOC>.	<LLOC> - Local location name <RLOC> - Remote location name	Error message. The local location cannot connect with the remote location.	Verify the setting in the configuration file.
584	BFSMON	ABORTING <procname> - OPEN TIMEOUT OCCURED FOR REQUEST <request>.	<procname> - Process name previously started by BFSMON process <request> - Request name that has been queued	Time Out occurred in the requester. The requester aborts the request because he received no data from the file IO in the delay defined by FILEIO-OPEN-TIMEOUT-SEC.	Check file IO error message. Issue the request again.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2000	BFSMON	REQUEST <request> WAS QUEUED BY MONITOR <monitor>, ANCESTOR <ancestor>.	<request> - Request name that has been queued <monitor> - BCOM monitor process name <ancestor> - Previous request.	Informational message is logged in the case of chained requests, Conforms that mentioned request has been queued by BCOM monitor and informs about the ancestor request name	None.
2002	BFSMON	QUEUED REQUEST <request> WAS DEQUEUED DURING MONITOR STARTUP -INVALID STATUS	<request> - Request name	Informational message indicates that mentioned requested was deleted from the queue list when BCOM monitor started up and checked requests status.	If you need to re-execute this request, queue it again.
2003	BFSMON	REQUEST <request> DOES NOT EXIST IN REQUEST DATABASE	<request> - Request name	Internal error. Message is logged during the queuing of the request (type: LOCAL JOB -LOCAL FILE). Request was not found into Request file.	Refer to previous messages to find out the file name and Guardian error and use *Guardian Procedure Errors and Messages Manual* for this error explanation. Otherwise, collect all pertinent information (log file, saveabend file (if any), request definition, configuration file) and contact ETI-NET Support.
2004	BFSREQ(X) TSMREQ	TRANSFER SETUP: REQUEST <request>- TYPE <type>.	<request> - Request name <type> - Request type (Send Files, Receive File, File Backup, File Restore, Local Job, Remote Job, Remote Queue)	Informational message. Show the user that the named request was setting up.	None.
2005	BFSMON	REQUEST <request> DELETED FROM QUEUE - REQUEST RECORD DOES NOT EXIST.	<request> - Request name	Internal error. Message is logged when BFSMON is selecting the next request from the queue file to execution. But request does not exist anymore into Request file and it was deleted from Queue file.	Refer to previous messages to find out the file name and Guardian error and use *Guardian Procedure Errors and Messages Manual* for this error explanation. Otherwise, collect all pertinent information (log file, saveabend file (if any), request definition, configuration file) and contact ETI-NET Support.
2006	BFSMON	ERROR <error> OCCURS WHILE QUEUEING <newreq>, END OF REQUEST CHAIN. ANCESTOR: <prevreq>	<error> - Error code <newreq> - Request name <prevreq> - Ancestor request name	Error message. Mentioned Guardian error occurred during the queue of the request. Request chain has stopped. Message also informs about ancestor request name.	Please refer to *Guardian Procedure Errors and Messages Manual* about error code.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2007	BFSMON	REQUEST <request> DELETED FROM QUEUE - REMOTE INITIALIZATION ERROR.	<request> - Request name	Error message informs that mentioned request was deleted from queue because of remote initialization error.	Refer to previous messages to find out the error cause.
2008	BFSMON	REQUEST <request> DELETED FROM QUEUE DATABASE - QDEL COMMAND ISSUED BY USER <user-ID>	<request> - Request name <user-ID> - User ID	Informational message confirms that mentioned request was deleted from queue by mentioned user after QDEL command was issued from BFSINT.	None. Description of QDEL command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/TSM Installation and User Guide.*
2009	BFSMON	REQUEST <request> ADDED BY USER [<user-ID>] <user-name>.	<request> - Request name <user-ID> - User ID <user-name> - User name	Informational message confirms that mentioned request was added to Request file by mentioned user after ADD command was issued from BFSINT.	None. Description of ADD command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/TSM Installation and User Guide.*
2010	BFSMON	REQUEST <request> QUEUE STATUS WAS CHANGED TO HOLD - QHOLD COMMAND ISSUED BY USER <user-ID>.	<request> - Request name <user-ID> - User ID	Informational message confirms that mentioned request has changed its status into queue to HOLD by mentioned user after QHOLD command was issued from BFSINT.	None. Description of QHOLD command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/TSM Installation and User Guide.*
2011	BFSMON	REQUEST <request> PURGED BY USER [<user-ID>] <user-name>	<request> - Request name <user-ID> - User ID <user-name> - User name	Informational message confirms that mentioned request was deleted from Request file by mentioned user after PURGE command was issued from BFSINT.	None. Description of PURGE command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/TSM Installation and User Guide.*
2012	BFSMON	REQUEST <request> QUEUE STATUS WAS RELEASED FROM HOLD – QREL COMMAND ISSUED BY USER <user-ID>.	<request> - Request name <user-ID> - User ID.	Informational message confirms that named user has released the named request after being held with the QHOLD command. Message is logged after QREL command was issued from BFSINT.	None. Description of QREL command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/TSM Installation and User Guide.*
2013	BFSMON	REQUEST <request> WAS ABORTED - ABORT COMMAND ISSUED BY <user-ID>.	<request> - Request name <user-ID> - User ID.	Informational message confirms that mentioned request has been stopped from executing by mentioned user after ABORT (request) command was issued from BFSINT.	None. Description of ABORT (request) command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/TSM Installation and User Guide.*

EMS Id	Module	Message	Parameters	Probable Cause	Action
2014	BFSMON	REQUEST <request> QUEUED FOR RESTART - QRESTART <option> ISSUED BY <user-ID>.	<request> - Request name <option> - Restart option COLD. <user-ID> - User ID.	Informational message. This message indicates that QRESTART command was issued from BFSINT.	None. Description of QRESTART command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/TSM Installation and User Guide*.
2016	BFSMON	UNABLE TO QUEUE REQUEST <request> - MONITOR IS SHUTTING DOWN, QUEUED BY <user-ID>.	<request> - Request name <user-ID> - User ID	Informational message. This message indicates that request will not be queued because BFSMON is stopping.	None
2017	BFSREQ(X) BFSSER(X)	REQUEST <request> FAILS AT INITIALIZATION - <reason>.	<request> - Request name <reason> - Failure cause	Error message informs that request cannot be queued because initialization error occurred.	- Refer to the remote code associated. - Verify the existence of the remote file: the data set is not created on remote side.
2022	BFSREQ(X) BFSSER(X)	REQUEST <request> FAILS AT INITIALIZATION - UNKNOWN RETURN CODE <BCFCODE>.	<request> - Request name <BCFCODE> - BCF code	Error message. The request is failed at initialization.	Refer to the return code associated. Verify the request's definition.
2023	BFSREQ(X) BFSSER(X)	REQUEST <request> TERMINATED ABNORMALLY AT INITIALIZATION - LU ERROR <RCODE>.	<request> - Request name <RCODE> - Error code	Error Message. The request is terminated abnormally during initialization, LU error detected.	Verify the request's definition, configuration file.
2028	BFSREQ(X) BFSSER(X)	REQUEST <request> FAILS AT OPEN - UNKNOWN RETURN CODE <BCFCODE>	<request> - Request name <BCFCODE> - BCF code	Error message. The request is failed at open command caused by an unknown return code.	Verify the request's definition. Try to find the message with the error code associated.
2029	BFSREQ(X) BFSSER(X)	REQUEST <request> TERMINATED ABNORMALLY AT OPEN - LU ERROR <RCODE>.	<request> - Request name <RCODE> - Error code	Error message. The request is terminated abnormally at open command caused by LU error detected.	Verify the request's definition, configuration file.
2033	BFSREQ(X) BFSSER(X)	REQUEST <request> FAILS DURING DATA TRANSFER - UNKNOWN RETURN CODE <BCFCODE>.	<request> - Request name <BCFCODE> - BCF code	Error message. The request is failed during data transfer caused by an unknown return code.	See previous message. Consult partner's log message for more information.
2034	BFSREEQ(X) BFSSER(X)	REQUEST <request> TERMINATED ABNORMALLY DURING DATA TRANSFER - LU ERROR <RCODE>.	<request> Request name <RCODE> Error code	Error message. The request is terminated abnormally during data transfer. LU error detected.	Verify the request's definition, configuration file.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2037	BFSREQ(X) BFSSER(X)	REQUEST <request> FAILS AT CLOSE - UNKNOWN RETURN CODE <BCFCODE>.	<request> - Request name <BCFCODE> - BCF code	Error message. The request is failed at close command caused by an unknown return code.	Verify the request's definition. Try to find the message with the error code associated.
2039	BFSMON	ERROR IN STARTING IO PROCESS FOR REQUEST <request>.	<request> - Request name	Informational message indicates that IO process error occurred for the mentioned request	Refer to previous messages to get more info about IO process error.
2040	TSMREQ	Request <request>, record count <rec-cnt>, uncompressed <uncompressed>, compressed <compressed>, compression %<compression>	<request> - Request name <rec-cnt> - Total number transferred records <uncompressed> - Total number of bytes before compression <compressed> - Total number of bytes after compression <compression> - Compression rate	Information message for the mentioned request after execution about total number transferred records, total number of the bytes before and after compression, and the compression percentage.	None.
2042	BFSREQ(X) BFSSER(X)	REQUEST <request> TERMINATED ABNORMALLY AT CLOSE - LU ERROR <RCODE>.	<request> - Request name <RCODE> - Error code	Error message. The request is terminated abnormally at close command caused by LU error detected.	Verify the request's definition, configuration file.
2044	BFSMON	QUEUED REQUEST <request> WAS DEQUEUED DURING BCOM STARTUP - NOT EXIST IN REQUEST FILE	<request> - Request name	Informational message is logged when BFSMON monitor starts up and checks the queue list. The mentioned request was in queue but currently does not exist in the Request file. Request has deleted from the queue.	None.
2045	BFSMON	REQUEST <request> QUEUED BY USER <user-ID> - ROUTING CLASS <RCLASS>, PRIORITY <priority>, AUTORESTART <YES/NO>.	<request> - Request name <user-ID> - User ID <RCLASS> - Routing class <priority> - Priority <YES/NO> - Auto restart option setting	Informational message confirms that mentioned request was successfully queued by mentioned user. Also provides info about routing class, priority and setting for Auto restart option.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2046	BFSMON	REQUEST <request> QUEUE PRIORITY–CLASS CHANGED TO <priority> - QALTPRI COMMAND WAS ISSUED BY USER <user-ID>.	<request> - Request name <priority> - Priority value. <user-ID> - User ID	Informational message confirms that priority –class was changed for mentioned request by mentioned user after QUEUEALT-PRI (QALTP) command was issued from BFSINT.	None. Description of QUEUEALT-PRI (QALTP) command can be found in *BCOM for NSK Guardian User's Guide* or *BackHome/TSM Installation and User Guide*.
2047	BFSSER(X) BFSSER(X)	REQUEST <request> FAILS AT OPEN - <RMTCODE>.	<request> - Request name <RMTCODE> - Remote code	Error message. The request has failed at open with the associated remote code.	Verify the request's definition. Try to find the message with the remote code associated. Consult the partner's log message.
2048	BFSMON	REQUEST <request> - DATA TRANSFER ERROR	<request> - Request name	Error message informs that error occurred during the mentioned request execution.	Refer to previous messages to find the error cause.
2049	BFSCPYX	<rec-cnt> RECORD(S) TRANSFERRED.	<rec-cnt> - Number of record(s) copied with BFSCPYX	Informative message. Telling how many records where transferred.	None.
2050	BFSLOAD	<rec-cnt> RECORD(S) LOADED.	<rec-cnt> - Number of record(s) loaded with BFSLOAD.	Informative message. Telling how many records where transferred.	None.
2051	BFSMON	MONITOR STARTING <TACLPROCNAME> TO PROCESS LSTARTUP^FILE <OBEY>	<TACLPROCNAME> - TACL process name <OBEY> - obey file name for parameter LSTARTUP	Informational message indicates that TACL process was started for execution of LSTARTUP obey file.	None. Description of LSTARTUP parameter can be found in *BCOM for NSK Guardian Installation and Operations Guide*.
2052	BFSMON	MONITOR STARTING <TACL-procname> TO PROCESS LSHUTDOWN^FILE <file>	<TACL-procname> - TACL process name <file> - obey file name for parameter LSHUTDOWN	Informational message indicates that TACL process was started for execution of LSHUTDOWN obey file.	None. Description of LSHUTDOWN parameter can be found in *BCOM for NSK Guardian Installation and Operations Guide*.
2053	BFSMON	QUEUED REQUEST <request> IS WAITING FOR MANUAL RESTART	<request> - Request name	Informational message. Mentioned request in previous execution has ended abnormally and now is in state RESTART.	To start the execution of the request use QRESTART #Request or QRESTART #Request (COLD) command. QRESTART - restarts from the last valid checkpoint. QRESTART (COLD) - re-initiate the entire process from the beginning. For more info refer to *BCOM for NSK Guardian User's Guide*.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2054	BFSMON	QUEUED REQUEST <request> IS WAITING FOR AUTOMATIC RESTART.	<request> - Request name	Informational message. For mentioned request BFSMON will automatically start transfer from the last checkpoint value as soon as the communications resources are available.	None.
2055	BFSMON	REMOTE ACCESS VIOLATION, QUEUE RECORD DELETED FOR <request>.	<request> - Request name	Error message indicates that the request cannot be executed because of a security error. Server's side security refused to execute this request.	Please refer to *BCOM for NSK Guardian Installation and Operations Guide* - Section *BCOM Security Subsystem* and check all settings into Security table (check Remote User Id and Remote Location settings)
2056	BFSMON	USER ID NOT FOUND, QUEUE RECORD DELETED FOR <request>	<request> - Request name	Error message indicates that request cannot be executed because of security error. Server's side security refused to execute this request. Correlated User Id was not found in the Security table.	Refer to *BCOM for NSK Guardian Installation and Operations Guide* - Section BCOM *Security Subsystem* and check all settings into Security table (Local User Id and Remote User Id settings).
2057	BFSMON	REMOTE CHECKSUM ERROR, QUEUE RECORD DELETED FOR <request>	<request> - Request name	Internal error message. Request cannot be executed because on the Server side checksum error has occurred on the Security file. Security file is corrupted.	Please refer *to BCOM for NSK Guardian Installation and Operations Guide* - Section *BCOM Security Subsystem* and make again import (export) to produce new Security (USERID) file Otherwise, if the problem persists, collect all pertinent information and contact ETI-NET Support.
2058	BFSMON	REMOTE SECURITY IMPLEMENTATION,QUEUE RECORD DELETED FOR <request>	<request> - Request name	User error message .The request failed during the remote file allocation because of a breach of security	Refer to *BCOM for NSK Guardian Installation and Operations Guide* - Section *BCOM Security Subsystem* and check all settings in Security Table.
2059	BFSMON	UNABLE TO QUEUE REQUEST <request>, INVALID USER ID: <user-ID>.	<request> - Request name <user-ID> - User ID	System or internal error. User Id that queuing the request currently does not exist into the system.	Check existence of mentioned USER ID into the system If USER ID was not deleted from the system, collect all pertinent information and contact ETI-NET Support.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2060	BFSMON	REQUEST NOT SUPPORTED AT REMOTE LOCATION - QUEUE RECORD <request> DELETED.	<request> - Request name	User error. Request cannot be executed because the request type is not valid	Refer *BCOM for NSK Guardian User's Guide* for info about request type definition.
2061	BFSMON	REQUEST NOT FOUND AT REMOTE LOCATION - QUEUE RECORD <request> DELETED.	<request> - Request name	User error. Remote queue request cannot be executed because the remote request does not exist into Remote Request file.	Check the remote request name. Refer to *BCOM for NSK Guardian User's Guide* - Section *Remote Queuing facility* for info about Remote Queue Request definition.
2062	BFSMON	DUPLICATE REQUEST IN REMOTE QUEUE FILE. QUEUE RECORD <request> DELETED.	<request> - Request name	Informational message. Remote queue request cannot be executed because remote request specified is already queued for the execution.	None.
2063	BFSMON	CANNOT QUEUE REQUEST AT REMOTE LOCATION - QUEUE RECORD <request> DELETED.	<request> - Remote queue request	User error message. Remote queue request cannot be executed and it has deleted from the queue because of security violation.	Check all settings (Local User Id, Remote User Id and Remote Location) in Security table. Refer to *BCOM for NSK Guardian User's Guide* - Section *Security for the Remote Queue facility* or *BCOM for NSK Guardian Installation and Operations Guide* - Section *BCOM Security Subsystem*.
2064	BFSMON	QUEUE RECORD ADDED: <request> (R) BY USER <user-ID>.	<request> - Request name <user-ID> - User ID	Informational message confirms that mentioned request was queued by mentioned user. This message is logged in the case of executing Remote queue request from Remote partner	None.
2066	BFSREQ(X)	REQUEST OWNER ID NOT FOUND ON REMOTE SECURITY TABLE.		Warning message. Telling to the user that the request owner id is not in the partner's security table.	Collect all pertinent information and contact ETI-NET Support.
2068	BFSREQ(X) BFSSER(X)	POSSIBLE BREACH OF SECURITY. REMOTE SUBTASK ABEND.		Warning message. The remote subtask ABENDed caused by the security's violation.	Collect all information and contact ETI-NET Support.
2074	BFSREQ(X)	REQUEST <request> SUBMITTED TO REMOTE LOCATION.	<request> - Request name.	Informational message. The request ordered to queue is submitted to the remote location.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2075	BFSSER(X)	RECEIVE REMOTE QUEUE REQUEST FROM PARTNER.		Information message. BFSSER(X) receives a remote queue request from partner (requestor).	None.
2082	BFSREQ(X)	TRANSFER OF REMOTE QUEUE REQUEST SETUP - <request>.	<request> - Request name.	Informational message: the remote queue request was setting up.	None.
2083	BFSSER(X)	REQUEST <request> - USERID NOT FOUND.	<request> - Request name.	Warning message. The user ID from the request is not found.	Please modify the user id in the request definition.
2084	BSFREQ(X) BFSSER(X)	REQUEST <request> - CHECKSUM ERROR.	<request> - Request name.	Error message. The request checksum error occurred.	Collect all pertinent information and contact ETI-NET Support
2085	BFSREQ(X)	REMOTE REQUEST <request> FAILS - UNKNOWN RETURN CODE <BCFCODE>.	<request> - Request name <BCFCODE> - BCF code	Error message. The remote named request is failed.	Verify the request's definition and check the message with return code associated.
2086	BFSMON	LOCAL ATTRIBUTE CONFLICT, QUEUE RECORD DELETED FOR <request>.	<request> - Request name.	User error. The value assigned to the local attribute is invalid.	Refer to previous messages to find error cause. Refer to the document *BCOM for NSK Guardian User's Guide* - Section *Defining BCOM requests*.
2087	BFSMON	REQUEST <request> DELETED FROM QUEUE - ERROR IN USERID <user-ID>.	<request> - Request name. <user-ID> - User ID.	BFSMON encounters an error when issuing USER_GETINFO_ to convert a user-ID to user-name. The real error is reported earlier in event 6157.	.
2088	BFSMON	REMOTE ATTRIBUTES CONFLICT, QUEUE RECORD DELETED FOR <request>	<request> - Request name.	User error. The value assigned to the remote attribute is invalid.	Refer to previous messages to find error cause. Refer to the document *BCOM for NSK Guardian User's Guide* - Section *Defining BCOM requests*.
2089	BFSMON	FTP SET UP ERROR, QUEUE RECORD DELETED FOR <request>	<request> - Request name.		

EMS Id	Module	Message	Parameters	Probable Cause	Action
2090	BFSMON	REQUEST TYPE NOT SUPPORTED FOR FTP, QUEUE RECORD DELETED FOR < REQNAME >.	<request> - Request name.	Request type is not supported for FTP transfer.	
2094	BFSMON	MONITOR STARTING <TACL-procname> TO PROCESS DAILY^TASK^FILE <file>.	<TACL-procname> - TACL process name <file> - Obey file name for parameter DAILY-TASK-FILE	Informational message indicates that TACL process was started for execution of DAILY-TASK-FILE obey file.	None. Description of DAILY-TASK-FILE parameter can be found in *BCOM for NSK Guardian Installation and Operations Guide*.
2095	BFSREQ(X) BFSSER(X)	REQUEST <request> FAILS AT INITIALIZATION - <RMTCODE>, CODE <ABENDCODE>.	<request> - Request name <RMTCODE> - Remote code <ABENDCODE> - Abend code	Error message. The request is failed at initialization.	Refer the message in remote code and the abend code associated. Verify the request's definition.
2096	BFSREQ(X) BFSSER(X)	REQUEST <request> FAILS AT OPEN - <RMTCODE>, CODE <ABENDCODE>.	<request>- Request name <RMTCODE>- Remote code <ABENDCODE> - Abend code	Error message. The request failed at open command.	Refer the message in remote code and the abend code associated. Verify the request's definition.
2097	BFSREQ(X) BFSSER(X)	REQUEST <request> FAILS AT CLOSE - <RMTCODE>, CODE <ABENDCODE>.	<request> - Request name <RMTCODE> - Remote code <ABENDCODE> - Abend code	Error message. The named request is unsuccessful cause by remote code and abend code associated.	Action possibilities: - Increase the size of the DATA SET for remote file. - Refer to NSK documentation. - Consult the IBM LIBRARY READER FOR WINDOWS for error code associated.
2098	BFSREQ(X) BFSSER(X)	Request <request> FAILS DURING DATA TRANSFER - <RMTCODE>, CODE <ABENDCODE>.	<request> - Request name <RMTCODE> - Remote code <ABENDCODE> - Abend code value.	Error message. The named request failed with the remote code and abend code associated.	- Check on the remote file: Increase the size of Data set. - Verify the remote code associated. - Consult the document in IBM LIBRARY READER FOR WINDOWS for error code.
2099	BFSREQ(X) BFSSER(X)	REQUEST <request> FAILS AT CLOSE - <RMTCODE>.	<request> - Request name <RMTCODE> - Remote code	Error message. Indicate that the named request failed at CLOSE operation.	Consult the previous message for more detail. - Look at the message with the remote code associated. - See the partner's log.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2100	BFSREQ(X)	REMOTE REQUEST <request> REJECTED - <RMTCODE>.	<request> - Request name <RMTCODE> - Remote code	Error message. Indicate that QUEUE LIST rejected the named remote request.	- View the request's definition. - Verify the existence of request at the remote side. - Verify the user id is correlated or not. Verify if there is a duplicate request. See the message with the remote code associated.
2101	BFSREQ(X) BFSSER(X)	REQUEST <request> FAILS DURING DATA TRANSFER - <RMTCODE>.	<request> - Request name <RMTCODE> - Remote code	Error message. The request is failed during data transfer with remote code associated.	- See the previous message for more detail. - Consult the partner's log and refer to the remote code.
2102	BFSMON	REQUESTOR <name> - VERSION MISMATCH. BFSMON ABORTS.	<name> - Requestor name	User error message. Requestor Version is not compatible with the current BCOM monitor version.	Please contact ETI-NET Support.
2110	BFSREQ(X) BFSSER(X)	REQUEST <request> - MAXBLOCK <MAXBLK> <info>.	<request> - Request name <MAXBLK> - Maximum block <info> - Encrypted and/or Compressed flags.	Informational message. The named request is transferred using the maximum block size allowed.	None.
2111	BFSREQ(X) BFSSER(X)	REQUEST <request>: RECORD COUNT = <rec-cnt>, WAIT = <CNTWAIT> <procname>.	<request> - Request name <rec-cnt> - Number of record counted <CNTWAIT> - Number of time to try <procname> - Process name	Informational message: the request is transferred by the IO process specified with a records counted, and a number of time to retry.	None.
2112	BFSSER(X) BFSSER(X)	REQUEST <request>: UNCOMPRESSED <uncompressed>, COMPRESSED <compressed>, COMPRESSION <compression>%.	<request> - Request name <uncompressed> - Total number of bytes before compression <compressed> - Total number of bytes after compression <compression> - Compression Percentage	Informational message. Show to the user that the statistics of the request after execution total number of bytes uncompressed, total number of bytes compressed and the percentage of compression.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2113	BFSMON BFSSER(X)	REQUEST <request> - QUEUE USER-ID <user-ID> DOES NOT MATCH IO/PROCESS ACCESS-ID <IO-ID>.	<request> - Request name <user-ID> - User ID <IO-ID> - IO Process access ID	When Security is ON (i.e. SECLEVEL = 10), the ownership of the IO process must be the one who queues the request. If they are different, this message is generated.	None. BFSMON or BFSSER(X) will retry to start the IO process with the correct owner again. (up to 3 times). Note: BCOM-EP (BCSCT) will report event 2114 instead of 2113.
2151	BFSMON	NO MORE STATISTIC FILE CREATED FOR <date>	<date> - Date in the form "yyyy-mm-dd"	Informational message indicates that no more statistics files will be created up to mentioned date-time because maximum of statistic files per day (35) reached.	None. Next day Statistic file option will be automatically activated. Refer to *BCOM for NSK Guardian Installation and Operations Guide* - Section *Statistic file*.
2182	BFSSER(X)	REMOTE COMMAND: <request>, REJECTED - <reason>.	<request> - Request name <reason> - Rejection reason.	Error message. Telling that the remote command request is rejected to queue list.	Verify the existence of request in remote command.
2498	BFSMON	UNABLE TO QUEUE REQUEST <request> - CHECKPOINT IS NOT SUPPORTED FOR FR, EX OR IM, QUEUED BY <user-ID>.	<request> - Request name <user-ID> - User ID	User error. Request cannot be queued because request types like File Restore, Export and Import do not support the checkpoint option.	Redefine the request without checkpoint option. Please refer to *BCOM for NSK Guardian User's Guide* - Section *Defining BCOM requests.*
2499	BFSMON	UNABLE TO QUEUE REQUEST <request> - BACKUP-CATALOG IS NOT SET OR NOT LICENSED, QUEUE COMMAND ISSUED BY USER <user-ID>.	<request> - Request name <user-ID> - User ID	User error. Request cannot be queued because option BACKUP-CATALOG is not activated, or not licensed.	If your have the license, check in BCOM configuration file settings for BACKUP-CATALOG option. Set it to YES. Refer to *BCOM for NSK Guardian User's Guide* - Sections Backup/Restore considerations (Fast restore, Checkpoint/Restart), Backup catalog or *BCOM for NSK Guardian Installation and Operations Guide.* Otherwise contact ETI-NET Support.
2500	BFSMON	REQUEST <request> - CHECKPOINT/RESTART NOT SUPPORTED FOR UNSTRUCTURED FILE <filename>.	<request> - Request name <filename> - Unstructured file name	User error. Request cannot be executed because checkpoint option is not supported for unstructured file type.	Redefine the request without checkpoint option. Refer to *BCOM for NSK Guardian Installation and Operations Guide.*

EMS Id	Module	Message	Parameters	Probable Cause	Action
2501	BFSMON	UNABLE TO PROCESS REQUEST <request> - OPEN TRANSFER PROCESS <procname> FAILED, ERROR <error>.	<request> - Request name <procname> - Transfer process name <error> - Open error number	Error message informs that request cannot be executed by mentioned process because open error occurred	Check on the remote side existence of remote file and refer to previous messages
2502	BFSMON BFSSER(X)	<IOPROC> STARTED FOR REQUEST <request> - CHECKPOINT <CHPT>, RESTART AT <RESTATRTVAL>, <REQTYPE>.	<IOPROC> - IO process name <request> - Request name <CHPT> - Checkpoint value from request definition <RESTARTVAL> - Record count (for Send File and Receive File) or number-of-meg (for File Backup) <REQTYPE> - Request type	Informational message provide the info: - the IO process name that started for mentioned request, - checkpoint value from request definition, - restart value - from what record number (or number –of-meg) restart has been done. - The request name and its type.	None.
2503	TSMREQ	Received OPEN from <PROCESS> for <request>, flags %<flag>	<PROCESS> - IO process name <request> - Request name <flag> - Flag access mode: 0 – read-write (the default access) 1 – read-only 2 – write-only 3 – extend	Information message: The IO process issued an open for a mentioned request with an access mode.	**Obsolete.** Starting V5.20, TSMREQ logs event 2593 instead of this event.
2504	BFSREQ(X) BFSSER(X) TSMREQ	CLOSED BY PROCESS <procname> FOR <request>.	<procname> - Process name <request> - Request name	Informational Message: the I/O process is issued CLOSE command for the named request.	None.
2505	BFSREQ(X) BFSSER(X) TSMREQ	REQUEST <request> TERMINATES ABNORMALLY - UNEXPECTED CLOSE RECEIVED FROM <proccess-ID>.	<request> - Request name <proccess-ID> - Process ID.	Error message. The request is terminated abnormally. BSREQ(X)/ BFSSER(X)/TSMREQ receive an unexpected CLOSE command.	Verify the request's definition. If this is a Send/Receive file request, verify the existence of local file. If this is backup/restore request, verify the existence of local file and local attributes
2510	BFSMON	JOB SUBMISSION PROCESS <5> STARTED FOR REQUEST <6>.	<TACLPROC> - TACL process name for LOCAL JOB submission <request> - Request name	Informational message. Job submission TACL process was started for mentioned request.	None

EMS Id	Module	Message	Parameters	Probable Cause	Action
2511	BFSMON	UNABLE TO QUEUE LOCAL-JOB REQUEST <request> - MAXIMUM CONCURRENT JOBS REACHED <MAXJOBS>, QUEUE COMMAND ISSUED BY USER <user-ID>.	<request> - Request name <MAXJOBS> - Maximum concurrent jobs <user-ID> - User ID	Warning message. Request of type Local-Job cannot be queued because the maximum of concurrent jobs (30) has been reached.	Retry to queue later.
2513	BFSREQ(X)	REQUEST <request> CONVERSION FIELD EXCEEDS RECORD SIZE - DEFAULTED TO ACTUAL RECORD SIZE.	<request> - Request name	Warning message. The maximum possible transfer length of physical record length associated with the file exceeded. It is defaulted to actual record size.	None.
2514	BFSMON	UNABLE TO QUEUE REQUEST <request> - <option> NOT LICENSED, QUEUED BY <user-ID>.	<request> - Request name <option> - BCOM option <user-ID> - User Id	User error message. Request cannot be executed because the BCOM option for this type of request is not licensed.	Please contact ETI-NET Support
2515	BFSREQ(X) BFSSER(X)	NO AVAILABLE ENTRY IN REQUEST TABLE.		Warning message. The maximum of request entry reached.	None.
2516	BFSMON	UNABLE TO PROCESS REQUEST <request> - REQUEST DOES NOT EXIST IN QUEUE DATABASE.	<request> - Request name	Internal message informs that the request cannot be executed because it does not exist in Queue file.	Collect all pertinent information and contact ETI-NET Support
2517	BFSREQ	REQUEST <request> TERMINATED ABNORMALLY - UNABLE TO FIND AN AVAILABLE LU.	<request> - Request name	Error message. The request is terminated abnormally because LU not available.	Collect all pertinent information and contact ETI-NET support.
2518	BFSCPYX BFSLOAD	ILLEGAL SOURCE FILE NAME: <filename>	<filename> - Name of the Source file passed to BFSCPYX/BFSLOAD process.	User error. The file in the request was not specified in the proper format. Note, the format of the file has nothing to do with the existence of the file and this error might occur only if the file-name cannot be resolved.	Verify and correct the name of the file specified in the request.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2519	BFSCPYX BFSLOAD	ILLEGAL DESTINATION FILE NAME: <filename>	<filename> - Name of the Destination file passed to BFSCPYX/BFSLOAD process.	User error. The file in the request was not specified in the proper format. Note, the format of the file has nothing to do with the existence of the file and this error might occur only if the file-name cannot be resolved.	Verify and correct the name of the file specified in the request.
2520	BFSCPYX BFSLOAD	ERROR - UNRECOGNIZED STARTUP PARAMETERS.		User error. Invalid parameter(s) were specified in the request for BFSCPYX/ BFSLOAD process.	Verify and correct parameter(s) for BFSCPYX/ BFSLOAD process in the request definition. They located in the Local or Remote attributes.
2522	BFSCPYX BFSLOAD	<attribute> VALUE IS INVALID <value>	<attribute> - Attribute name for BFSCPYX/BFSLOAD process. Example: BLOCKOUT <value> - Numerical value of the attribute.	User error. The value assigned to the attribute is invalid. This value is located in the local or remote attributes of the request.	Verify and correct the value of the attribute specified in the request.
2523	BFSCPYX BFSLOAD	ERROR - CAN SPECIFY EITHER <ATTR1> OR <ATTR2>	<ATTR1> - Attribute specified in the request for BFSCPYX/BFSLOAD process. <ATTR2> - Attribute specified in the request for BFSCPYX/BFSLOAD process.	User error – attributes conflict. Two attributes cannot be specified at the same time.	Revise request definition and remove one of the conflicting attributes from the request.
2524	BFSCPYX BFSLOAD	ERROR - <ATTR1> MUST BE GREATER THAN <ATTR2>	<ATTR1> - Attribute specified in the parameter list for BFSCPYX/BFSLOAD process. <ATTR2> - Attribute specified in the parameter list for BFSCPYX/BFSLOAD process.	User error – attributes conflict. The value of first attribute should be greater then value of second attribute. This error can occur when the value of RECOUT greater then value BLOCKOUT in the same request.	Revise request definition and correct values for conflicting attributes.
2525	BFSCPYX	WARNING - TRUNCATION OCCURS		Informative message. Telling that records are truncated during transfer.	If you did not expect records to be truncated, then you can avoid truncation by changing attributes of the destination file (towards increasing it up to the source record's size) and queue request again.
2526	BFSMON	UNABLE TO QUEUE REQUEST <request> - LOCAL LOCATION MISMATCH.	<request> - Request name	User error. The local location specified in the request definition is incorrect.	Correct the value of Local Location field in the request definition. Refer to *BCOM for NSK Guardian User's Guide* - Section *Defining BCOM requests.*

EMS Id	Module	Message	Parameters	Probable Cause	Action
2527	BFSREQX	SETMODE OPERATION, FCB NOT FOUND.		Warning message. FCB entry not found.	None.
2528	BFSREQ(X) BFSSER(X)	LU <LU-name> - BIND RECEIVED WAS NOT LU 6.2.	<LU-name> - Logical Unit name.	Warning message. The LU that BIND received is not LU 6.2.	None.
2529	BFSREQ(X)	MESSAGE RECEIVED WAS NOT A BIND MESSAGE.		Warning message. The message received by BIND is not a BIND message.	None.
2530	BFSREQ(X)	(NS) RU MESSAGE RECEIVED, SENSE CODE = H<code>.	<code> - Code in hex value	Informational message. SNAX notify message.	None.
2532	BFSSER(X)	REQUEST <request>: REPORT OPTION INVALID, DEFAULTED TO OFF.	<request> - Request name	Warning message. The request report option is invalid, it is defaulted to OFF.	None.
2532	BFSMON	REQUEST <request>, REPORT OPTION INVALID, DEFAULTED TO OFF	<request> - Request name	User error. Invalid option for REPORT was specified. The accepted values for the REPORT option are ON or OFF.	Correct the value for REPORT option in the request definition if necessary. Refer to *BCOM for NSK Guardian User's Guide* - Section *Defining BCOM requests.*
2533	BFSREQ	WARNING: PRINTF FORM NAME IS TAKEN FROM THE SECOND QUALIFER OF THE DEVICE DEFINITION.		Warning message. The PRINTF format name is taken from the second qualifier of the device definition.	None.
2545	BFSREQ(X) BFSSER(X)	BCOM-BCF-ERROR - REQUEST <request>, TASK <task>.	<request> - Request name <task> - Task	Error message. The request has task error.	Collect all pertinent information and contact ETI-NET Support.
2550	BFSSER(X)	ABORT REQUEST ISSUED FOR REQUEST <request>.	<request> - Request name	Warning message. The command ABORT is issued for the named request.	None.
2552	BFSMON	<procname> - <text>	<procname> - Process name <text> - Text message.	Informational message. This message represents the report sent to BFSMON by process specified in the PROC field.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2552	BFSSER(X)	<procname> - <text>	<procname> - Process name <text> - Text message.	Informational message or Error message. It depends on the messages.	In case of informational message, No action to do. Example: 1. BCOM SERVER 2552 $Z37Y - Files dumped = 10 Files not dumped = 0. In case of Error message, Example: 1. BCOM SERVER 2552 $DM00 - Save file \ETI.$DATA3.BKV520E.ZZSA8623 created for process 0,381 ($Z2VQ). 2. BCOM SERVER 2552 $Z2VR - *ERROR-ArchTape-8165: File-system error 201 occurred on Set mode operation on. Please 1. Refer to the *Guardian Procedure Errors and Message Manual* or *Guardian Disk and Tape Utilities Reference* or other Guardian manuasl for the error related. 2. Otherwise collect all pertinent information (in log file, saveabend file, request definition, configuration file) and contact ETI-NET Support.
2553	BFSMON	EXIT ROUTINE RETURNS SECURITY ERROR FOR REQUEST <request>.	<request> - Request name	Security error. Request failed while trying to access Exit Routing. Security level of Exit Routing does not allow Requestor to call routings from Exit Routing library.	Check the security of the Exit Routing and the Requestor. Change the security level of Exit Routing library to comply with the requestor security.
2554	BFSMON	WARNING - REQUEST <request> - USER ID <user-ID> IS NOT DEFINED.	<request> - Request name <user-ID> - User ID	Internal error. The User ID is not defined in the system.	Please, save saveabend file (if any), request definition, and configuration file. Pass all collected information to ETI-NET Support.
2554	BFSSER(X)	WARNING: REQUEST <request> - USER^ID <user-ID> IS NOT DEFINED.	<request> - Request name <user-ID> - User ID	Warning message. The user ID is not defined for the named request.	Please define the user ID for the request.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2557	BFSREQ(X) BFSSER(X)	USER EXIT <exit-msg> - REQUEST <request> : <recnum> RECORDS CHANGED.	<exit-msg> - Exit message <request> - Request name <recnum> - Record number	Informational message. The request is changed an amount of records.	None.
2558	BFSREQ(X) BFSSER(X)	USER EXIT <exit-msg> - REQUEST <request> : <RECSKIPCNT> RECORDS SKIPPED.	<exit-msg> - Exit message <request> - Request name <RECSKIPCNT> - Record skipped counter	Informational message. The request is skipped an amount of records.	None.
2559	BFSSER	REQUEST <MSG> ERROR, SUPER QUEUE OVERFLOW.	<MSG> - Variable message	Error message. The maximum QWAIT request (128) reached. This request got an error.	Try later if it will be allowable.
2560	BFSSER	REQUEST <request> - JOB-NAME=<JOBNAME>, JOB-ID=<JOBID>.	<request> - Request name <JOBNAME> - Job name <JOBID> - Job identification	Informational message. Showing to the user the request with job name and job ID.	None.
2562	BFSREQX	UNABLE TO PROCESS REQUEST <request> - NO MASTER LUS WAS FOUND DURING GET REQUEST.	<request> - Request name	Warning message. No master LU available for process request.	None.
2563	BFSREQ(X)	LU ERROR <RCODE>, TRYING TO SUBMIT REMOTE REQUEST <request>.	<RCODE> - Return code <request> - Request name	Error message. LU error occurred when trying to submit remote request.	Consult the partner's log message. See the return error code associated with the message.
2564	BFSSER(X)	ERROR <RCODE> ON LU DURING REPLY, REMOTE REQUEST <request>.	<RCODE> - Error return code <request>- Request name	Error message. T he error is occurred on LU during reply for remote request.	Consult the previous message and the partner's log for more detail of information.
2565	BFSSER(X)	ERROR <error>, ENCOUNTERED DURING MSG68 FOR <request>.	<error> - Error code <request> - Request name	Error message. The error is encountered during the allocation of file (MSG68) for the named request.	Please verify the request's definition, especially the file part.
2566	BFSMON	REQUEST <request>: INVALID USE OF DNS-ALIAS NAME - DNSMSG OPTION NOT SET.	<request> - Request name	User error. Request cannot be added to Request database because it is using DNS alias name but DNS manager process was not specified in configuration file.	Usage of DNS requires that the DNS manager be specified at startup of BCOM Monitor. DNS aliases are supported only by SNA APPC transfer. Refer to *BCOM for NSK Guardian Installation and Operations Guide* - Section *Starting up the Monitor*.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2567	BFSMON	UNABLE TO QUEUE REQUEST <request> - INVALID USE OF DNS ALIAS NAME.	<request> - Request name	User error. Request cannot be added to Queue database because it is using DNS alias name but DNS manager process was not specified in configuration file.	Usage of DNS requires that the DNS manager be specified at startup of BCOM Monitor. DNS aliases are only supported by SNA APPC transfer. Refer to *BCOM for NSK Guardian Installation and Operations Guide* - Section *Starting up the Monitor*.
2568	BFSREQX	(NS) RU MESSAGE <code> RECEIVED, KEY=<key>, CAUSE=<cause>, SENSE=<sense>.	<code>- Code (6 digits). <key> - Key (Hex value) <cause> - Cause (Hex value) <sense> - Sense (Hex value)	Informational message. SNAX notified that RU (Request-Response Unit) message received with that detail.	None.
2569	BFSREQX	(NS) RU MESSAGE <MSG> RECEIVED, KEY=<key> STATUS=<status>, REASON=<reason> SENSE=<sense>.	<MSG> - Message number <key> - Key number <status> - Status number <reason> - Reason number <sense> - Sense number	Informational message. SNAX notified that RU (Request-Response Unit) message received with that detail.	- This message is usually displayed after the partner side was down. - Start remote location from partner side.
2570	BFSREQX	(NS) RU MESSAGE <code> RECEIVED, KEY=<key> STATUS=<status> REASON=<reason>.	<code> - Code (6 digits). <key> - Key (Hex value) <status> - Status (Hex value) <reason> - Reason (Hex value)	Informational message. SNAX notified that RU (Request-Response Unit) message received with that detail.	None.
2571	BFSREQX	(NS) RU MESSAGE <code> RECEIVED, KEY=<key>.	<code> - Code (6 digits). <key> - Key (Hex value)	Informational message. SNAX notified that RU (Request-Response Unit) message received with that detail.	None.
2572	BFSREQX	(NS) RU MESSAGE <code> RECEIVED, KEY=<key> SENSE=<sense>.	<code> - Code (6 digits). <key> - Key (Hex value) <sense> - Sense (Hex value)	Informational message. SNAX notified that RU (Request-Response Unit) message received with that detail.	None.
2573	BFSREQX	(NS) RU MESSAGE <code> RECEIVED, KEY=<key> DATA=<data>.	<code>- Code (6 digits). <key>- Key (Hex value) <data> - Data (Hex value)	Informational message. SNAX notified that RU (Request-Response Unit) message received with that detail.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2574	BFSREQX	(NSPE) RU MESSAGE <code> RECEIVED, REASON= <reason> SENSE=<sense>.	<code> - Code (6 digits) <reason> - Reason (Hex value) <sense> - Sense (Hex value)	Informational message. SNAX notified that RU (Request-Response Unit) message received with that detail.	None.
2575	BFSREQX	(NSPE) RU MESSAGE <code> RECEIVED, REASON= <reason>.	<code> - Code (6 digits) <reason> - Reason (Hex value)	Informational message. SNAX notified that RU (Request Response Unit) message received with that detail.	None.
2576	BFSREQ	PRINTX - DATA MESSAGE RECEIVED, EXPECTING CONTROLBUF MESSAGE.		Informational message. BFSREQ receives PRINTX data message.	None.
2577	BFSREQ	PRINTX - CONTROL MESSAGE BUFFER MAXIMUM REACHED, CONTROLBUF MESSAGE EXPECTED.		Informational message. The maximum buffer of control message reached for PRINTX.	None.
2578	BFSREQ	PRINTX - SETMODE MESSAGE BUFFER MAXIMUM REACHED, CONTROLBUF MESSAGE EXPECTED.		Informational message. The maximum buffer of set mode message reached for PRINTX.	None.
2579	BFSREQ	PRINTX - CONTROLBUF SYSTEM MESSAGE RECEIVED CORRECTLY.		Informational message. For PRINTX, the control buffer message was correctly received.	None.
2580	BFSREQ	PRINTX - CONTROLBUF SYSTEM MESSAGE RECEIVED IS INVALID.		Warning message. For PRINTX, the control buffer message received is invalid.	Retry again, if the message is still the same. Collect all pertinent information and contact ETI-NET Support.
2581	BFSREQ	OPENED BY REQUEST <request>, FLAG <flag>.	<request> - Request name <flag> - Open access flags	Informational message. The PRINTF is opened by request with a flag of converted value returned.	None.
2582	BFSLOAD	JOB^NAME <name>, JOBID <ID>, ILLEGAL FORMNAME <form> - WILL USE SPACE.	<name> - Job name <ID> - Job ID <form> - Form name	Informative message. The Form name was not specified in the proper form and thus, it will be replaced by spaces.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2583	BFSMON	REQUEST <request> STARTED - CHECKPOINT <checkpoint>, RESTART <restart>, <type>	<request> - Request name <checkpoint> - Checkpoint value <restart> - Restart value <type> - Request type	Informational message. This message appears in the response of the command QUEUERESTART from BFSINT. It is logged at the moment when the restart is started.	None.
2584	BFSMON	PROCESS <procname> STARTED BY USER <user-ID> - RTETYPE <XFERTYPE>.	<procname> - Process name <user-ID> - User ID <XFERTYPE> - Transfer type. Composed from 2 parts: Prefix: "APPC", "EP", "FTP", "TSM" Suffix: For Server type is "S", For Requestor type is "R". Example: "EPS" – EP Server, "EPR" – EP Requestor	Informational message. This message indicates that user started the transfer process. This message is the result of the BFSINT command START.	None.
2585	BFSREQ(X) BFSSER(X)	RECORD LENGTH TOO LONG: <CNT> - TRUNCATED.	<CNT> - Record length	Warning message. The data are truncated, because the file's record length is smaller than the data length.	Reduce the data length if it is possible; or increase file file's record length.
2586	BFSSER(X)	RECEIVE INVALID MESSAGE <recbuf> FROM PROCESS <procname>.	<recbuf> - Record buffer <procname> - Process name	Error message. BFSSER(X) receives invalid message from the process mentioned.	Consult the previous message for more detail information.
2587	BFSLOAD	RECEIVED RECORD TOO LONG (<in>) - TRUNCATE TO <out>.	<in> - The inbound record in characters. <out> - The outbound record in character (after truncation).	Informative message. Inbound record is too long and will be truncated.	None
2589	BFSREQ	REQ: <request> IS REJECTED, MAX REQS: <maxrqst>, CURRENT # OF REQS: <rqstnum>.	<request> - Request name <maxrqst> - Maximum of request allowed <rqstnum> - Current number of request	Error message. The request is rejected caused by the maximum of request allowed reached.	Retry later.
2590	BFSCPYX	ERROR - RECEIVED AN EMPTY BLOCK.		Internal error.	Please, save saveabend file (if any), request definition, and configuration file. Pass all collected information to ETI-NET Support.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2591	BFSCPYX	ERROR - ILLEGAL RECORD LENGTH.		Internal error.	Please, save saveabend file (if any), request definition, and configuration file. Pass all collected information to ETI-NET Support.
2592	BFSCPYX	ERROR - RECORD LENGTH OUT OF BOUNDS.		Internal error.	Please, save saveabend file (if any), request definition, and configuration file. Pass all collected information to ETI-NET Support.
2593	BFSREQ(X) BFSSER(X) TSMREQ	OPENED BY PROCESS <procname> FOR <request>, ACCESS FLAG <flag>.	<procname> - Process name <request> - Request name <flag> - OPEN Access Flag: 0-read-write access (default) 1-read only access 2-write only access 3-extend access	Information message : The IO process issued an OPEN for a mentioned request with an Access flag	None.
2594	BFSREQ(X) BFSSER(X)	TOO MANY MESSAGES. NO MORE WARNING WILL BE ISSUED FOR REQUEST <request>.	<request> - Request name	Warning message. The maximum warning message reached. The warning is not available to issue now.	None.
2595	BFSSER(X)	RECEIVE INVALID READ FROM PROCESS <PROCID>.	<PROCID> - Process identification	Warning message. BFSSER(X) receives invalid read (count read < 1) from the process mentioned.	Collect all pertinent information and contact ETI-NET Support.
2596	BFSREQ(X)	RECEIVE INVALID MSG FROM <LU-name>, TASK <task>, MSG <BCFMSG>, BCF <BCFCODE>.	<LU-name> - Logical Unit name. <task> - Task <BCFMSG> - BCF message <BCFCODE> - BCF code	Warning message. BFEREQ(X) receives invalid message from LU mentioned.	See the previous message for more information.
2598	BFSREQ	NO AVAILABLE LU FOR <request>, MAXLUs: <MAXLU>, CONNECTED LUs: <CLUS>, LUs IN USE: <LUSINUSE>.	<request> - Request name <MAXLUS> - Maximum of LUs available <CLUS> - Number of LUs connected <LUSINUSE> - Number of LUs in use	Warning message. The maximum of LUs reached, no more LU available to serve the named request.	Collect all pertinent information and contact ETI-NET Support
2599	BFSREQ(X)	REPLY CODE: <code> SENT TO <procname>.	<code> - Reply code <procname> - I/O Process name	Informational message. BFSREQ(X) sent to the I/O process a reply code.	- See reply code associated with message for more information. - Refer to NSK documentation.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2600	BFSREQX	<qual>, PRINT NOT SUPPORTED ON MULTIPLEX, ERROR <reply>.	<qual> - Qualifier <reply> - Reply status	Error message. The PRINT request is rejected caused by it is not supported on multiplex.	Cancel the PRINT and make sure PRINTs are not routed to multiplexed requestor.
2601	BFSREQ	REQUEST <request> HANGS DURING TRANSER ON LU <LU-name>.	<request> - Request name <LU-name> - Logical Unit name.	Error message. The request is stopped during transfer on LU mentioned.	Check for error the on LU setting (in configuration file) or in the request definition. Try to queue the request again. If this message is still there. Collect all pertinent information and contact ETI-NET Support.
2602	BFSREQX	REQUEST <request> HANGS DURING TRANSER, MASTER LU <LU-name>.	<request> - Request name <LU-name> - Logical Unit name.	Error message. The request is stopped during transfer on LU mentioned.	Check for error on LU setting (in configuration file) or in request's definition. Try to queue the request again. If this message is still there, collect all pertinent information and contact ETIENET Support.
2607	BFSMON BFSSER(X)	ALTER REFRESH ATTRIBUTE ERROR <error> ON <filename> FOR <request> - REFRESH ATTRIBUTE UNCHANGED.	<error> - File-system error number <filename> - File name <request> - Request name	Internal error. BFSMON failed to alter the refresh EOF attribute of the file at the beginning of the request execution.	Refer to the document *Guardian Procedure Calls Reference Manual* for the function call and *Guardian Procedure Errors and Messages Manual* for the file error code associated. Please, save saveabend file (if any), request definition, and configuration file. Pass all collected information to ETI-NET Support.
2609	BFSMON BFSSER(X)	RESET REFRESH ATTRIBUTE ERROR <error>, ON <filename> FOR <request>	<error> - File-system error number <filename> - File name <request> - Request name	Internal error. BFSMON failed to reset refresh EOF attribute of the file while doing cleanup after request execution.	Refer to the document *Guardian Procedure Calls Reference Manual* for the function call and *Guardian Procedure Errors and Messages Manual* for the file error code associated. Please, save saveabend file (if any), request definition, and configuration file. Pass all collected information to ETI-NET Support.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2610	BFSMON	START JOB SUBMISSION FAILED FOR REQUEST <request>.	<request> - Request name	Informational message. This message usually appears when the BFSMON is unable to start TACL process for the request and this message follows after the error message saying what exactly wrong.	There are numbers of reasons why BFSMON could not start this process. Refer to previous message in log file and find the error related to the process start following by this message. If error message contains failed Guardian procedure name, then refer to *Guardian Procedures Errors and Messages Manual* and try to resolve this problem. If the problem cannot be resolved then contact ETI-NET Support.
2611	BFSREQ	PRINT REQUEST REJECTED - NO AVAIALBLE SESSION.		Warning message. The PRINT request is rejected because of no available session.	None.
4000	All modules	<function> ERROR ON <filename>, <error>.	<function> - Guardian Procedure Call which reports the error. <filename> - File name <error> - returned error number	An error is encountered when issuing a Guardian Procedure Call.	Refer to *Guardian Procedure Errors and Messages Manual* for information about Guardian error
4001	BFSREQ	<function> ERROR ON DEVICE <devname>, ERROR: <error>.	<function> - OPEN operation <devname> - Device name <error> - Error number	Error message. For PRINT request, an OPEN to the SPOOLER Supervisor causes an error.	Consult the previous message for more information.
4002	BFSREQ	ERROR ON GET ANC^PROCESS <procname>.	<procname> - Process Name.	Error message. The error is occurred on getting process name mentioned.	Consult the previous message for more information.
4003	BFSREQ	SPOOLERSTATUS ERROR ON JOB, ERROR: <error>.	<error> - Error code	Error message. The spooler's status error has occurred on the named job.	Consult the previous message for more information.
4004	BFSREQ	SPOOLERSTATUS ERROR ON DEV <devname>, ERROR: <error>.	<devname> - Device name <error> - Error	Error message. The Spooler's status error is occurred on device name mentioned with error code associated.	Consult the previous message for more information.
4007	BFSREQ(X) BFSSER(X)	SIGNALTIMEOUT ERROR.		Error message. The SIGNALTIMEOUT operation reports an error.	Try again later.

EMS Id	Module	Message	Parameters	Probable Cause	Action
4008	BFSREQ(X) BFSSER(X) TSMREQ	RESETSYNC MESSAGE RECEIVED. SYNC-ID WAS RESET.		Warning message. Indicate that BFSMON primary process failed and its backup process takes the control to perform the operations.	None.
4009	BFSBKUP BFSREQ(X) BFSREST BFSSER(X)	RECEIVE AN UNKNOWN SYSTEM MESSAGE <sysmsg>.	<sysmsg> - System message number.	Warning message. An unknown system message is received. NOTE: Each process is designed to accept certain system messages. Other system messages are classed as "unknown".	None.
4010	BFSREQ	WARNING: PROCESS IS NOT NAMED <proccess-ID>.	<proccess-ID> - Process-ID.	Warning message. The process mentioned is not named.	Please name the process.
4012	BFSREQ	CONTROL OPERATION IS NOT LINE PRINTER.		Warning message. The control operation is not a line printer.	None.
4019	BFSBKUP	INTERPRETTIMESTAMP failed.		Internal error	Please contact ETI-NET Support.
4020	BFSBKUP	WARNING - GMT TIME WILL BE CONVERTED TO LST.		Warning message indicates that last execution time for partial backup will be converted to the Local Standard Time instead of Local Civil Time because DST is not set correctly	Check DST settings.
4201	BFSRE(X TSMREQ	INTERNAL ERROR FOR <request> IN <filename>, REASON: <error-text>.	<request> - Request name <filename> - File name <error-text> - Error text from the application	Internal error.	Collect all pertinent information and contact ETI-NET Support.
4217	TSMREQ	<function> error for <request>, <error-text>, guardian error <error>	<function> - Function name <request> - Request name <error-text> - Reason or additional info about the function that returned Guardian error <error> - Guardian error	Request failed. This error message is indicating the procedure name where error was produced, failed request name, reason or Guardian function name, and Guardian error code.	Refer to the reason text to understand the problem. If the message refers to Guardian function name, use *Guardian Errors and Messages Manual* for info about the Guardian error.

EMS Id	Module	Message	Parameters	Probable Cause	Action
4217	BFSREQ(X)	<request> ERROR FOR <procname>, <err-text>, GUARDIAN ERROR: <error>.	<request> - Request name <procname> - Process name <err-text> - Error description <error> - Guardian error	Error message. The process mentioned got a request error with description of error and Guardian error code.	Refer to the error code associated with the message.
4218	TSMREQ	backup for <request> successfully stored, but not cataloged locally	<request> - Request name	Warning message indicates that backup was completed but not cataloged, still usable.	Refer to previous logged messages to get more info about error cause. Note: Backup can be used for restore but only with NOCATALOG local attribute.
4219	TSMREQ	<request> unable to restore checkpointed backup object <file-space> <high-level> <low-level>, not found	<request> - Request name <file-space> - Filespace name <high-level> - High level object name <low-level> - Low level object name	Error message indicates that restore cannot be executed because checkpoint object was not found on the TSM Server. This is the case when catalog option is disabled.	Check on TSM Server the object name (especially high level name and low level name) or timestamp using TSM QOB command.
4220	TSMREQ	TSM object #<number> missing for restore <request>. Restore can be incomplete	<number> - Consecutive object number into the restore package <request> - Request name	Warning message indicates that restore will be incomplete because one of the objects is missing into the package. Package is representing all the objects of one backup execution for which we want to make restore.	Check if the missing object is associated with the same management class. You can refer to exclude/include list.(option file is pointing on this list). Check existence of the missing object on TSM Server. Object could be deactivated (deleted) by TSM DOB command
4221	TSMREQ	No TSM object found for restore <request> from checkpointed backup.	<request> - Request name	Error message indicates that no objects of checkpointed backup are found for restore	Check on TSM Server objects existence using TSM QOB command.
4222	TSMREQ	Catalog not usable for fastrestore <request>, invalid low-level name <objname>.	<request> - Request name <objname> - Wrong level object name	Internal error occurred during fast restore using the catalog.	Please, save saveabend file (if any), request definition, configuration and catalog files. Contact ETI-NET Support.
4223	TSMREQ	Request <request> completed, but with warnings or errors.	<request> - Request name	Warning message indicates that request was completed but with warning.	Refer to previous messages for more info about warnings during execution of the request

EMS Id	Module	Message	Parameters	Probable Cause	Action
4224	TSMREQ	Inconsistent catalog for <request>, 1st file to restore: <filename>, file found in remote backup: <msg>.	<request> - Request name <filename> - First file name to restore <msg> - Message : "No file header found " or "current file name that is not the same as the first file"	Internal error occurred during the FastRestore. The first file to restore is not found in the object returned by TSM Server at the offset registered into the catalog.	After this message logged first time FastRestore operation starts again but from the beginning of the object. Probable cause of the stopped restore can be that TSM object was compressed. If the message is logged second time that will be internal error and you should contact ETI-NET Support and pass all pertinent info (saveabend file (if any), request definition, configuration file, and catalog files).
4225	TSMREQ	<request> TSM backups are limited to <MAX>checkpoints.	<request> - Request name <MAX> - Maximum of checkpoints for one backup execution	Error message indicating that checkpoints number has to be less than mentioned maximum value. Backup cannot be executed.	Increase a checkpoint value into the request definition
4226	TSMREQ	Restore for <request> at the beginning of Remote Object.	<request> - Request name	Informative message. This is a warning message telling that the partial retrieve failed and TSMREQ will try restore from the beginning of the remote object. Usually this warning occurs after the other error related to partial retrieve.	None
4227	BFSREQ(X) TSMREQ	<request> ABNORMAL TM/MP ENDTRANSACTION TAG: <tag>, COMPLETION CODE: <error>.	<request> - Request name <tag> - AWAITIO tag. <error> - Error code	Error message. The request has error of the last end transaction.	Collect all pertinent information and contact ETI-NET Support.
4228	BFSREQ(X) TSMREQ	TM/MP ENDTRANSACTION TAG: <tag>, COMPLETION CODE: <error>, NOT RELATED TO A CURRENT REQUEST.	<tag> - AWAITIO tag <error> - Error code	Internal error. There is an inconsistency occurred in processing tags when the Catalog is audited.	Collect all pertinent information and contact ETI-NET Support.
4231	BFSREST	<function> ERROR - <err-text>	<function> - The name of the function (ex. CHECK-FILE-POSITION). <err-text> - Error text message.	Internal error. Error text message will contain system error code with explanations of the failed Guardian function.	Please, save saveabend file (if any), request definition, and configuration file. Pass all collected information to ETI-NET Support.

EMS Id	Module	Message	Parameters	Probable Cause	Action
4232	BFSREQ(X) TSMREQ	<request>: <filename> DUPLICATED IN BACKUP. CATALOG ONLY 1ST OCCURENCE.	<request> - Request name <filename> - New file name	Informative message. This is a warning message telling that In case of multiple partition files backup, where the same 2nd partition file is shared between them only 1st occurrence will be backed up.	None.
4233	TSMREQ	WARNING: 1st file to restore in <request> is a secondary partition, it should not. Check result.	<request> - Request name	Informative message. This is a warning message telling that 1st file fetched from the server is a secondary partition.	Check the result of the restore and confirm it.
4234	BFSBKUP	INVALID READ FROM BACKUP PROCESS <procname>.	<procname> - BACKUP process name.	Internal error. BFSBKUP does not support READ operation. Under some circumstances, BACKUP process can issue READ operation to BFSBKUP and it such a case, BFSBKUP will reject this operation.	Please, save saveabend file (if any), request definition, and configuration file. Send all collected information to ETI-NET Support.
5001	TSMREQ	Local loc: <LLOC>, release: <release>, connected to remote loc: <RLOC>	<LLOC> - Local location name <release> - Version and release number <RLOC> - Server remote location name	Information only. The local location has been successfully connected with the Server remote location	None
5013	TSMREQ	Request <request> aborted by user.	<request> -Request name	Information only. User aborted request.	None
5014	TSMREQ	Cannot receive message from BFSMON, returned code <error>	<error> - Error returned by procedure FILE_GETINFO_.	Internal error.	Please, collect all pertinent information and contact ETI-NET Support.

EMS Id	Module	Message	Parameters	Probable Cause	Action
5020	TSMREQ	Request <request> failed during transfer.	<request> - Request name	Error message is indicating that request is unsuccessful.	Refer to previous messages for probable case of unsuccessful transfer. In the case of message "Internal error for <request name> in <function name>, <error-text>", please save saveabend file (if any), request definition, and configuration file and contact ETI-NET Support. If there is TSM API error, - Refer to TSM API Manual for more explanations about return code (RC) - Consult DSIERLOG file for more info - Consult the *IBM Tivoli Storage Manager Messages* document for information on message numbers (ex. ANS4017E).
5022	TSMREQ	Request <request> rejected: invalid request type	<request> - Request name	Request cannot be executed because request type definition is wrong.	Refer to the document *BackHome/TSM Installation and User Guide* for more info about request type definition.
5024	TSMREQ	<request> rejected: <reason>.	<request> - Request name <reason> - Reason of rejecting the request	Request cannot be executed because the local attribute(s) is (are) not valid.	In the case of error opening or reading INFILE, refer to *Guardian Procedure Errors and Messages*. Refer to the document *BackHome/TSM User and Installation Guide* for more info about local attributes definition

EMS Id	Module	Message	Parameters	Probable Cause	Action
5037	TSMREQ	Free format message: Version 1: "INVALID BACKSPACE CONTROL RECEIVE FROM BACKUP : <number files>" Version 2: "MAXIMUM BACKSPACE CONTROL REACHED : <exeptions>+<number files>" Version 3: "UNABLE TO GET EXCEPTION DATA : <error>"	<number files> - Number of files to backspace ………………………………………….. <exeptions> - Exceptions number <number files> Number of files to backspace ………………………………………….. <error> - Error return code	Internal error message. ………………………………… User error message …………………………………... Error message at the beginning of the restore operation.	Please, collect all pertinent information and contact ETI-NET Support ………………………………………….. Reduce the files number for one backup execution. ………………………………………….. Refer to previous messages If there is TSM API error, Refer to TSM API Manual for more explanations about return code (RC) Consult DSIERLOG file for more info Consult the *IBM Tivoli Storage Manager Messages* document for information on message numbers (ex. ANS4017E)
5306	TSMREQ	566 WARNING record truncation occurred		Internal error.	Please collect all pertinent information and contact ETI-NET Support.
5702	TSMREQ	Retry connecting to server.		Warning message indicates that the requestor is retrying to connect to TSM Server after connection was failed.	Refer to logged previous messages during retries to connect. If this is TSM API error: - Refer to TSM API Manual for more explanations about return code (RC) - Consult DSIERLOG file for more info - Consult the *IBM Tivoli Storage Manager Messages* document for information on message numbers (ex. ANS4017E). It can be network, configuration or security error.

EMS Id	Module	Message	Parameters	Probable Cause	Action
5703	TSMREQ	Max retries reached.		Requestor was unable to connect to TSM server. This message is logged after the maximum connection retries has been reached and indicates that no more retries will be issued.	Refer to logged previous messages during retries to connect. If this is TSM API error: - Refer to TSM API Manual for more explanations about return code (RC) - Consult DSIERLOG file for more info - Consult the document *IBM Tivoli Storage Manager Messages* for explanations about message number (ex. ANS4017E)
5710	TSMREQ	Object: <file-space> <high-level> <low-level> will not be sent.	<file-space> - Object filespace name <high-level> - High level object name <low-level> - Low level object name	Message is indicating the full name of the object that cannot be backed up.	Refer to the next message for probable error cause
5711	TSMREQ	Management class <name> has no defined backup-copy group.	<name> - Management class name	Error occurred before send a new object to TSM server because management class that assigned for the object does not have an associated backup copy group. That object cannot be backed up.	Check include-exclude list. If your object exists into include list , you should - replace management class associated with this object by another one with the backup copy group that is not empty - associate existing management class to the valid backup copy group If your object is not into the list that means that your object is associated with the management class by default that does not have a copy group. You should associate default management class with the valid backup copy group
5718	TSMREQ	File-Space Name <file-space>, File-Space Type <type>.	<file-space> - filespace name <type> - string set by the application client.	Informational message indicates at the beginning of the backup or send file operation what the name of filespace is used and filespace type.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
5719	TSMREQ	Warning: request <request> missing remote file-name, default name 'OBJECT' is used.	<request> - Request name	Warning message at the beginning of the transfer indicates that because of missing remote-file name into the request definition the default name will be used: Filespace name will be "BACKHOME" and object name will be "OBJECT"	None.
5720	TSMREQ	Remote file-name <file-name> format error for request <request>	<file-name> - remote file name ized<request> - Request name	User error message. Remote file name in the definition of the request is not valid.	Refer to the document *BackHome/TSM Installation and User Guide* about remote file definition conventions.
5721	TSMREQ	Req <name> rejected, invalid remote-attr: <attrNmbr>: <attrValue>.	<name> - Request name <attrNmbr> - remote attribute number <attrValue> - attribute value	User error message. Remote attribute in the definition of the request is not valid.	Refer to the document *BackHome/TSM Installation and User Guide* about remote attributes definition.
5722	TSMREQ	No version of <name>for specified criteria.	<name> - object name	User error message indicating at the beginning of the restore or achieve operation that the object was not found on the TSM server for specified date criteria.	Check and replace the date criteria to find the existing object version.
5723	TSMREQ	File space registration failed, TSM API returns error: <message-number> <return code > <reason>.	<message-number> - TSM API message number. <return code> - TSM API return code. <reason> - message text associated with the TSM API return code.	Error occurred during registration a new file space with the TSM Server before start back up data. Message refers to TSM API message associated with the return code.	Refer to TSM API Manual for more explanations about return code (RC). Consult DSIERLOG file for more info. Consult the document *IBM Tivoli Storage Manager Messages* for explanations about message number (ex. ANS4017E).
5724	TSMREQ	Connect failed, TSM API returns error: <message-number> <return-code> <reason>.	<message-number> - TSM API message number <return-code> - TSM API return code. <reason> - message text that is associated with TSM API return code.	Connection with the TSM Server failed. Message refers to TSM API message associated with the return code. Probable causes: Configuration is not correct, network or security error.	Refer to TSM API Manual for more explanations about return code (with the prefix RC). Consult DSIERLOG file for more info. Consult the document *IBM Tivoli Storage Manager Messages* for explanations about message number (ex. ANS4017E).

EMS Id	Module	Message	Parameters	Probable Cause	Action
5725	TSMREQ	Transaction initialization failed, TSM API returns error: <message- number><return code > <reason>.	<message-number> - TSM API message number <return code> - TSM API return code. <reason> - message text that is associated with TSM API return code.	Error occurred at the beginning of TSM transaction. Message refers to TSM API message associated with the return code.	Refer to TSM API Manual for more explanations about return code (RC). Consult DSIERLOG file for more info. Consult the document *IBM Tivoli Storage Manager Messages* for explanations about message number (ex. ANS4017E).
5726	TSMREQ	Query request failed, TSM API returns error: <message number><return code > <reason>.	<message number> - TSM API message number <return code> - TSM API return code <reason> - message text that is associated with TSM API return code.	Error occurred at the beginning of restore or retrieve operation from TSM Server when requestor is querying Server to determine what objects can be received from the storage. Message refers to TSM API message associated with the return code.	Refer to TSM API Manual for more explanations about return code (RC). Consult DSIERLOG file for more info. Consult the document *IBM Tivoli Storage Manager Messages* for explanations about message number (ex. ANS4017E).
5728	TSMREQ	Object rejected, bind object failed, TSM API returns error: <message number><return code> <reason>.	<message number> - TSM API message number <return code> - TSM API return code. <reason> - message text that is associated with TSM API return code.	Error occurred when requestor is preparing the TSM server to receive a new object for backup or archive. Message refers to TSM API message associated with the return code.	Check into include-exclude list, if the object was not excluded from backup (option file has info about this include-exclude list). Use the TSM API Manual to find appropriated explanation for the return code. Consult DSIERLOG file for more info Consult the document *IBM Tivoli Storage Manager Messages* for explanations about message number (ex. ANS4017E).
5729	TSMREQ	Send object failed, TSM API returns error: <message number> <return code > <reason>.	<message number> - TSM API message number <return code> - TSM API return code. <reason> - message text that is associated with TSM API return code.	Error occurred before a new object was sent to the TSM server when requestor transmits the new object attributes and info to the TSM server. Message refers to TSM API message associated with the return code.	Refer to TSM API Manual for more explanations about return code (RC). Consult DSIERLOG file for more info. Consult the document *IBM Tivoli Storage Manager Messages* for explanations about message number (ex. ANS4017E).
5730	TSMREQ	Get object failed, TSM API returns error: <message number> <return code > <reason>.	<message number> - TSM API message number <return code> - TSM API return code. <reason> - message text that is associated with TSM API return code.	Error occurred at the beginning of a restore or retrieve operation. Message refers to TSM API message associated with the return code.	Refer to TSM API Manual for more explanations about return code (RC). Consult DSIERLOG file for more info. Consult the document *IBM Tivoli Storage Manager Messages* for explanations about message number (ex. ANS4017E).

EMS Id	Module	Message	Parameters	Probable Cause	Action
5731	TSMREQ	Send data failed, TSM API returns error: <message number> <return code > <reason>.	<message number> - TSM API message number <return code> - TSM API return code <reason> - message text that is associated with TSM API return code.	Error occurred during backup or archive operation. Message refers to TSM API message associated with the return code.	Refer to TSM API Manual for more explanations about return code (RC). Consult DSIERLOG file for more info. Consult the document *IBM Tivoli Storage Manager Messages* for explanations about message number (ex. ANS4017E).
5732	TSMREQ	End of transfer failed, API verb <API function>, TSM API returns error <message number><return code > <reason>.	<API function> - TSM API function that returned the error <message number> - TSM API message number <return code> - TSM API return code <reason> - message text that is associated with TSM API return code.	Error occurred during the end of transfer: backup (archive) or restore (retrieve) operations. Message refers to TSM API message associated with the return code. If instead of TSM API function name is the word: "reason", that means the TSM API function dsmEndTxn is providing additional information - reason code.	Refer to TSM API Manual for more explanations about return code (RC) or reason code (RS) for mentioned TSM API function. Consult DSIERLOG file for more info. Consult the document *IBM Tivoli Storage Manager Messages* for explanations about message number (ex. ANS4017E).
5733	TSMREQ	Get data failed, TSM API returns error: <message number> <return code > <reason>.	<message number> - TSM API message number <return code> - TSM API return code <reason> - message text that is associated with TSM API return code.	Error occurred during restore or retrieve operation from TSM storage. Message refers to TSM API message associated with the return code.	Refer to TSM API Manual for more explanations about return code (RC). Consult DSIERLOG file for more info. Consult the document *IBM Tivoli Storage Manager Messages* for explanations about message number (ex. ANS4017E).
5734	TSMREQ	Internal error Message from unknown process <name>, open_label <label>, rejected.	<name> - process name <label> - open label. The value assigned by the application (when replying to the open system message) to the open on which the received message was sent.	Warning message indicating that requestor received a message from unknown process.	None.
5735	TSMREQ	Open from io-process <procname> rejected. No control block for request <request>.	<procname> - Process name <request> - Request	Internal error. IO process opens TSMREQ for the unknown request.	Please, save saveabend file (if any), request definition, and configuration file. Pass all collected information to ETI-NET Support.
5736	TSMREQ	Open from process <procname> rejected. Openers table is full.	<procname> - Process name	Internal error. Message indicates that the process specified in the message cannot open TSMREQ.	Please, save saveabend file (if any), request definition, and configuration file. Pass all collected information to ETI-NET Support.

EMS Id	Module	Message	Parameters	Probable Cause	Action
5737	TSMREQ	Invalid value <value> for param RETRIEVE-SECURITY. Requestor aborts.	<value> - Value of the parameter RETRIEVE-SECURITY	User error. The value specified for RETRIEVE-SECURITY is invalid.	Parameter RETRIEVE-SECURITY should be either process name or request name. It is stored in TSM-REQUESTOR section of the configuration file. Please, verify and correct the value for the RETRIEVE-SECURITY parameter.
5738	TSMREQ	<request> rejected, remote attribute MAXBACKUPTIME is forbidden when Catalog is enabled.	<request> - Name of the request	User error. MAXBACKUPTIME attribute should be used only when Catalog option is disabled. Otherwise, request will be rejected.	If you need to use MAXBACKUP attribute then set the BACKUP-CATALOG attribute in BCOMCONF configuration file to NO, then restart the environment, and use request with MAXBACKUPTIME attribute. Otherwise remove MAXBACKUPTIME attribute from the request definition and queue it again.
5739	TSMREQ	<request> rejected, only 1 'TIME' attribute is allowed in the request definition.	<request> - Name of the request	User error. It is not allowed to specify more than one TIME handling attribute (BACKUPTIME, MAXBACKUPTIME, CATALOGTIME) in the request.	Reduce the number of TIME attribute to one.
5740	TSMREQ	<request> rejected: max. number of restarts reached. Please QDEL the request.	<request> - Name of the request	Informative message. The possible number of restart is exhausted.	Use QDEL command from BFSINT to delete request and then QUEUE command to start it again.
5741	TSMREQ	Incomplete DST setup, files modification time may be displayed in LST.		Daylight Saving Table (DST) is incorrect or missing. This happens when your NSK system is not using "USA66" as Daylight Saving Time standard. Entries in BFSINT's LISTSF command will be shown in Local Civil Time (LCT) instead of Local Saving Time (LST).	Correct the Daylight Saving Table (if required).
5742	TSMREQ	For incr. or diff. backup, lowest level of remote file must be *.		Error message indicates that backup cannot be executed because remote file name format is not correct.	New in V6.0. For incremental or differential backup user must use "*" for lowest level name of remote file.
5743	TSMREQ	Original node option is not supported for OSS.		Error message indicates that no Original Node Option can be used for OSS backup.	New in V6.0. Redefine the request without original node option.

EMS Id	Module	Message	Parameters	Probable Cause	Action
5745	TSMREQ	Request <request> rejected, file not cataloged at backup time <timestamp>	<request> - request name <timestamp> - backup timestamp	Error message indicates that fast restore request cannot be executed because Guardian file is not in the Catalog.	New in V6.0. Check in the Catalog the presence of Guardian file to restore for the given backup timestamp.
5746	TSMREQ	Request <request> rejected, file not cataloged at backup time <timestamp>. (search pattern: <pattern>)	<request> - request name <timestamp> - backup timestamp <pattern> - OSS pattern	Error message indicates that the Fast Restore request cannot be executed because the OSS file is not in the Catalog.	New in V6.0. Check in the Catalog the presence of OSS file to restore for the given backup timestamp.
6000	BFSLOG	< procname > ABEND - INTERNAL STACK ERROR <error>.	<procname> - Process name <error> - Error code	Internal error. Informs user that program fails initialize memory.	Restart the program. Please, save saveabend file (if any), request definition, and configuration file. Pass all collected information to ETI-NET Support.
6001	BFSLOG BFSMON	<procname> ABENDED - UNABLE TO READ EXTENTED MEMORY.	<procname> - Process name	Internal error. Informs user that program cannot read extended memory.	Please, save saveabend file (if any), request definition, and configuration file. Pass all collected information to ETI-NET Support.
6002	BFSLOG BFSMON	<procname> ABENDED - UNABLE TO DELETE FROM EXTENTED MEMORY.	<procname> - Process name	Internal error. Informs user that program cannot delete from extended memory.	Please, save saveabend file (if any), request definition, and configuration file. Pass all collected information to ETI-NET Support.
6003	BFSLOG BFSMON	<procname> ABENDED - UNABLE TO OBTAIN EXTENTED MEMORY.	<procname> - Process name	Internal error. Informs user that program cannot allocate extended memory.	Please, save saveabend file (if any), request definition, and configuration file. Pass all collected information to ETI-Net Support.
6004	BFSRES(X) BFSSER(X)	REQUEST <request> TERMINATES ABNORMALLY - <proccess-ID> ABENDED DUE TO AN ERROR IN DECOMPRESSION	<request> - Request name <proccess-ID> - Process ID.	Error message. The request is terminated abnormally due an error in decompression.	Collect all pertinent information and contact ETI-NET Support.
6006	BFSREQ(X) BFSSER(X)	UNABLE TO OBTAIN A FCB.		Warning message. No free FCB (File Control Block), coding problem. The process will abend.	None.
6008	BFSSER(X)	CONTROL OPERATION <Operation> RECEIVED BUT NO FCB FOUND.	<Operation> - CONTROL operation number	Warning message. BFSSER(X) receives control operation buffer but no FCB found.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
6009	BFSBKUP BFSREST	CONTROL <value> RECEIVED FROM <procname>	<value> - control value from IO process. <procname> - IO process name.	Informative message. Control message received by BFSBKUP/BSFREST from BACKUP/RESTORE process.	None.
6010	BFSBKUP	WARNING - INVALID BLOCKSIZE, USE DEFAULT VALUE OF 28		Informative message. The BLOCKSIZE specified in the request definition is not supported. The default block size will be used instead of one provided in the request definition.	None.
6012	All modules	UNKNOWN OPERATION PASSED TO GENERATE ERROR PROCEDURE <function> - ERROR ON <filename>, <error>.	<function> - Unknown Guardian procedure code <filename> - File name <error> - File-system error	Internal error.	Please contact ETI-NET Support.
6014	BFSBKUP BFSREST	UNABLE TO PROCESS REWIND OPERATION.		Information message. BFSBKUP/ BFSREST do not support REWIND operation. The REWIND operation will be rejected.	Identify the command that cause the rewind and remove it from the request. For example: command VERIFYTAPE causes BACKUP issue rewind operation after each write to the tape. That is why VERIFYTAPE should not be used.
6500	ETIDIST	<procname> BACKUP PROCESS CREATED IN CPU <CPU>.	<procname> - ETIDIST process name <CPU> - CPU number	Information message. Informs user that ETIDIST backup process created on mentioned CPU	None.
6501	ETIDIST	TAKEOVER BY BACKUP PROCESS <procname>.	<procname> - ETIDIST process name	Information message. Informs user that ETIDIST backup process has become the primary process	None.
6502	ETIDIST	ETINET ETIDIST VERSION <version> (<date>), COPYRIGHT ETI-NET 2000	<version> - ETIDIST version number. <date> - Version date	Information message. Informs user about ETIDIST version number, version date , and copyright year	None.
6503	ETIDIST	ETIDIST PRIMARY PROCESS STOPPED.		Information message. Informs user that ETIDIST primary process stopped	None.
6504	ETIDIST	ETIDIST PRIMARY PROCESS ABENDED.		Informational message. Informs user that ETIDIST primary process ABENDed	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
6505	ETIDIST	\<procname\> BACKUP CPU \<CPU\> UP.	\<procname\> - ETIDIST process name \<CPU\> - CPU number	Information message. Informs user that ETIDIST backup process CPU is up.	None.
6506	ETIDIST	\<procname\> BACKUP CPU \<CPU\> DOWN, CPU FAILURE.	\<procname\> - ETIDIST process name \<CPU\> - CPU number	Information message. Informs user that ETIDIST backup process CPU is down.	None.
6507	ETIDIST	RETRY LIMIT REACHED TRYING TO START BACKUP, \<procname\> WILL RUN WITH NO BACKUP.	\<procname\> - ETIDIST process name	Information message. Informs user that the retry limit has been reached and backup process was not created. So, the ETIDIST process will run without backup process.	None.
6510	All modules	UNKNOWN OPERATION \<function\> ERROR ON \<filename\>, \<error\>.	\<function\> - Internal function code \<filename\> - File name \<error\> - Guardian error	Internal error.	Please contact ETI-NET Support.
6511	ETIDIST	\<function\> ERROR ON \<filename\>, \<error\>.	\<function\> - Guardian procedure name \<filename\> - File name \<error\> - Guardian error	User or Internal error.	There are numbers of error reasons following by this message. Error message contains failed Guardian procedure name, File name and Guardian error. Refer to *Guardian Procedures Errors and Messages Manual* and try to resolve this problem. If the problem cannot be resolved then contact ETI-NET Support.
6512	All modules	UNKNOWN OPERATION \<function\> ERROR ON \<filename\>, \<error\> STATUS \<err-detail\>.	\<function\> - Unknown Guardian procedure code \<filename\> - File name \<error\> - File-system error \<err-detail\> - value indicating the cause of file-system error	Internal error.	Please contact ETI-NET Support.
6513	All modules	\<function\> ERROR ON \<filename\>, \<error\> STATUS \<err-detail\>.	\<function\> - Guardian procedure name \<filename\> - File name \<error\> - File-system error \<err-detail\> - value indicating the cause of file-system error	User or Internal error. An operation on Guardian procedure \<function\> reports an error, and an error detail.	Error message contains failed Guardian procedure name, File name, Guardian error, and error-detail. Refer to *Guardian Procedures Errors and Messages Manual* and try to resolve this problem. If the problem cannot be resolved then contact ETI-NET Support.

EMS Id	Module	Message	Parameters	Probable Cause	Action
6514	ETIDIST	SSGETTKN ERROR <error> ON EVENT <event>.	<error> - Status value returned by SSGETTKN procedure <event> - Event number	System or Internal error occurred when attempting to extract tokens and related information from an SPI buffer.	Please contact ETI-NET Support.
6515	All modules	<function> ERROR <error>, DETAIL <err-detail>, SEGID <Seg-ID>.	<function> - Guardian procedure name for Segment handling. <error> - Error code <err-detail> - Detail code. <Seg-ID> - Segment ID.	Internal error.	Error message contains failed Guardian procedure name, File name, Guardian error, and error-detail. Refer to *Guardian Procedures Errors and Messages Manual* and try to resolve this problem. If the problem cannot be resolved then contact ETI-NET Support.
6516	All modules	<FUNCTION-code> ERROR <error>, DETAIL <err-detail>, SEGID <Seg-ID>.	<FUNCTION-code> - Unknown Guardian procedure code for Segment handling. <error> - Error code <err-detail> - Detail code. <Seg-ID> - Segment ID	Internal error. An operation on Guardian procedure *<FUNCTION-code>* reports an error, and an error detail.	Please contact ETI-NET Support.
6517	BFSMON BFSREQ(X)	USER_GETINFO_ ERROR <error> ON USER ID <user-ID>.	<error> - Error <user-ID> - User ID.	Error message. The USER_GETINFO_ function returns an error.	Collect all pertinent information and contact ETI-NET Support.
6518	BFSMON	UNKNOWN OPERATION <function> ERROR <error> DEFINE-NAME <name>.	<function> - Unknown Guardian procedure code <error> - File-system error <name> - DEFINE name which causes the error.	Internal error.	Please contact ETI-NET Support.
6519	BFSMON	<function> ERROR <error>, DEFINE-NAME <name>.	<function> - Guardian procedure name for DEFINE handling <error> - File-system error <name> - DEFINE name which causes the error.	User or Internal error. An operation on Guardian procedure <function> reports an error.	Error message contains failed Guardian procedure name, File name, Guardian error, and error-detail. Refer to *Guardian Procedures Errors and Messages Manual* and try to resolve this problem. If the problem cannot be resolved then contact ETI-NET Support.
7000	BFSSER(X)	DESTINATION <filename> DOES NOT EXIST.	<filename> - File name	Error message. The destination file name does not exist (error 11).	Make the destination file exists.

EMS Id	Module	Message	Parameters	Probable Cause	Action
7018	BFSLOAD	ERROR - FILE HAS BEEN CHANGED PRIOR TO RESTART	None	Informative message. This happens when file, on which transfer failed, has been changed prior the restart.	None

BackHome for TMF Messages

These NKS log messages are generated by TMF Option for BackHome modules.

EMS Id	Module	Message	Parameters	Probable Cause	Action
<none>	ETMF	BCOMTBE NAME IS NOT ASSIGNED; ABEND.		The BCOMTBE database is not defined at startup time. ETMF will abort.	Specify a correct BCOMTBE file name in the STRTETMF obey file; then restart the ETMF process.
<none>	ETMF	BCOMTBE VERSION MISMATCH - ABEND.		ETMF version is incompatible with the version of BCOMTBE database. The session will be terminated shortly after this (when the BCOM CLOSE message is received).	Please use obey file STRTMIGR to convert your BCOMTBE to the current version. Then restart your ETMF processes.

<none>	ETMF	CANNOT OBTAIN CONFIG RECORD FROM BCOMTBE. "USE DEFAULT.		The CONFIG record is not defined in BCOMTBE database. ETMF will run with the following default values:
				    EMS-LOGGING: NO
				    Logger: $0
					Add the CONFIG record to the BCOMTBE; Then restart the ETMF process.

<none>	ETMF	CANNOT OPEN BCOMTBE FILE <file> - ABEND.	<file> - BCOMTBE file name.	ETMF was unable to OPEN the specified BCOMTBE file. It will abort. Usually, this message is preceded by another one describing the error encountered during OPEN.	Correct the error; Then restart the ETMF process.
14	ESNOOP ETMF ETMFINT	ETINET <progname> VERSION <ver> (<verdate>) COPYRIGHT ETI-NET <year>	<progname> - ETI-NET program name <ver> - Product version <verdate> - Product version date <year> - Copyright year	Information message. Informs user about ETI-NET program name, version number, version date, and copyright year.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
4000	ETMF ETMFLIB	<function> ERROR ON <file>, <error>.	<function> - Guardian Procedure Call which reports the error. <file> - File name <error> - returned error number	Error message indicating at the beginning of the request the function name, file name and Guardian error is returned by this function.	Refer to *Guardian Procedure Errors and Messages Manual* for information about Guardian error.
4009	ESNOOP ETMF	RECEIVE AN UNKNOWN SYSTEM MESSAGE <SYSMSG>.	<SYSMSG> - System message number.	Warning message. An unexpected SYSTEM message is received. It will be discarded.	None.
4013	ESNOOP ETMF	REPLY^ERROR <error> ON $RECEIVE TO <proc-ID>.	<error> - error number <proc-ID> - Process-name	ETMF encounters error <error> when trying to REPLY to process <proc-ID>.	Refer to *Guardian Procedure Errors and Messages Manual* for info about Guardian error.
4017	ESNOOP ETMF	OLDSYSMSG_TO_NEWSYSMSG_ ERROR <error>.	<error> - returned error number	OLDSYSMSG_TO_NEWSYSMSG_ Guardian Procedure call reports an error.	Refer to *Guardian Procedure Errors and Messages Manual* for info about Guardian error.
4501	ETMFINT	USER <user-ID> ADDED COPY RECORD <copy-num> TO <file>.	<user-ID> - User ID in the format <3-digit-group>,<3-digit user-num> <copy-nun> - COPY record number (1 or 2) <file> - BCOMTBE file name.	COPY record n (n= 1 or 2) was added to the BCOMTBE database by Guardian user <user-ID>.	None.
4502	ETMFINT	USER <user-ID> ADDED TAPEMEDIA RECORD <tape-ID> TO <file>.	<user-ID> - User ID in the format <3-digit-group>,<3-digit user-num> <tape-ID> - tapemedia label. <file> - BCOMTBE file name.	TAPEMEDIA record *tape-ID* was added to the BCOMTBE database by Guardian user <user-ID>.	None.
4503	ETMFINT	USER <user-ID> ADDED PROCESS RECORD <proc-ID> TO <file>.	<user-ID> - User ID in the format <3-digit-group>,<3-digit user-num> <proc-ID> - An ETMFprocess name. <file> - BCOMTBE file name.	PROCESS record *proc-ID* was added to the BCOMTBE database by Guardian user *user-ID*.	None.
4504	ETMFINT	USER <user-ID> ADDED CONFIGS RECORD TO <file>.	<user-ID> - User ID in the format <3-digit-group>,<3-digit user-num> <file> - BCOMTBE file name.	CONFIG record was added to the BCOMTBE database by Guardian user *user-ID*.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
4505	ETMFINT	USER <user-ID> DELETED COPY RECORD <copy-num> FROM <file>.	<user-ID> - User ID in the format <3-digit-group>,<3-digit user-num> <copy-nun> - COPY record number (1 or 2) <file> - BCOMTBE file name.	COPY record n (n= 1 or 2) was deleted from the BCOMTBE database by Guardian user <user-ID>.	None.
4506	ETMFINT	USER <user-ID> DELETED TAPEMEDIA RECORD <tape-ID> FROM <file>.	<user-ID> - User ID in the format <3-digit-group>,<3-digit user-num> <tape-ID> - tapemedia label. <file> - BCOMTBE file name.	TAPEMEDIA record <tape-ID> was deleted from the BCOMTBE database by Guardian user <user-ID>.	None.
4507	ETMFINT	USER <user-ID> DELETED PROCESS RECORD <proc-ID> FROM <file>.	<user-ID> - User ID in the format <3-digit-group>,<3-digit user-num> <proc-ID> - An ETMFprocess name. <file> - BCOMTBE file name.	PROCESS record <proc-ID> was deleted from the BCOMTBE database by Guardian user <user-ID>.	None.
4508	ETMFINT	USER <user-ID> DELETED CONFIG RECORD FROM <file>.	<user-ID> - User ID in the format <3-digit-group>,<3-digit user-num> <file> - BCOMTBE file name.	CONFIG record was deleted from the BCOMTBE database by Guardian user <user-ID>.	None.
4510	ETMFINT	USER <user-ID> ALTERED TAPEMEDIA RECORD <tape-ID> TO <file>.	<user-ID> - User ID in the format <3-digit-group>,<3-digit user-num> <<tape-ID> - tapemedia label. <file> - BCOMTBE file name.	TAPEMEDIA record <tape-ID> in the BCOMTBE database was altered by Guardian user <user-ID>.	None.
4511	ETMFINT	USER <user-ID> ALTERED PROCESS RECORD <proc-ID> TO <file>.	<user-ID> - User ID in the format <3-digit-group>,<3-digit user-num> <proc-ID> - An ETMFprocess name. <file> - BCOMTBE file name.	PROCESS record <proc-ID> in the BCOMTBE database was altered by Guardian user <user-ID>.	None.
4512	ETMFINT	USER <user-ID> ALTERED CONFIG RECORD TO <file>.	<user-ID> - User ID in the format <3-digit-group>,<3-digit user-num> <file> - BCOMTBE file name.	CONFIG record in the BCOMTBE database was altered by Guardian user <user-ID>.	None.
4513	ETMFINT	USER <user-ID> SUCCESSFULLY MOUNTS < tape-ID> ON <procname>	<user-ID> - User ID in the format <3-digit-group>,<3-digit user-num> <tape-ID> - tapemedia label <procname> - ETMF Process name.	The MOUNT command has been successfully carried out and ESNOOP is processing the SNOOP's AUDITRESTORE request.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
4521	ETMFLIB	READ ERROR <error> ON RECORD <tape-ID>, FILE <file>.	<error> - returned error number from a READ operation. ature<tape-ID> - tapemedia label <file> - BCOMTBE file name where the READ took place.	ETMFLIB encounters a READ error when reading the BCOMTBE file.	Refer to *Guardian Procedure Errors and Messages Manual* for information about Guardian error.
4522	ETMFLIB	WRITE ERROR <error> ON RECORD <tape-ID>, FILE <file>.	<error> - returned error number from a WRITE operation. <tape-ID> - tapemedia label <file> - BCOMTBE file name where the WRITE took place.	ETMFLIB encounters a WRITE error when writing the BCOMTBE file.	Refer to *Guardian Procedure Errors and Messages Manual* for information about Guardian error.
4523	ETMFLIB	WRITEREAD ERROR <error> ON RECORD <tape-ID>, FILE <file>.	<error> - returned error number from a WRITEREAD operation. <tape-ID> - tapemedia label <file> - BCOMTBE file name where the WRITEREAD took place..	ETMFLIB encounters a WRITEREAD error on the BCOMTBE file.	Refer to *Guardian Procedure Errors and Messages Manual* for info about Guardian error.
4524	ETMFLIB	NO ETMF PROCESS DEFINED IN <file>.	<file> - File name of the associated BCOMTBE file.	There is no PROCESS record (which defining ETMF process) defined in BCOMTBE database. The current TMF session is diverted to use TMF tape.	Verify if the correct BCOMTBE is used. Also create PROCESS records if needed. Please consult the *TMF Option for BackHome* document for more information on capacity planning.
4525	ETMFLIB	ALL ETMF PROCESSES ARE BUSY		All ETMF processes defined in BCOMTBE are busy with other TMF requests. The ETMFLIB will retry up to MAX-RETRY with DELAY-INTERVAL in between before going to tape. You may want to create additional PROCESS records for concurrency.	You might need to define more ETMF processes to service the increased TMF traffic. Please consult the *TMF Option for BackHome* document for more information on capacity planning.

EMS Id	Module	Message	Parameters	Probable Cause	Action
4526	ETMFLIB	ETMF PROCESS <proc-ID> RETURNS ERROR <error>.	<proc-ID> - ETMF Process name. <error> - Error returned by <proc-ID>	The ETMF process returns error for a TMF request. The error value is one of the following: 12: BUSY 151: INTERNAL-AT-END 3001: TMF-CLOSE-EARLY 3002: BCOM-CLOSE-EARLY 3003: USETAPE 3004: BAD-REMOTE-FILE 3005: INTERNAL-AT-OPEN 3006: TIMEOUT-AT-OPEN 3007: TIMEOUT-AT-END 3008: TAPE-OPEN-FAILS 3009: INVALID-TAPE-INFO 3010: READ-IP-FAILS 3011: READ-MS-FAILS 3012: UPDATE-TV-FAILS 3013: START-BFSINT-FAILS 3014: BFSINT-ABENDS 3015: CREATE-TEMP-FILE-FAILS 3016: OPEN-TEMP-FILE-FAILS 3017: WRITE-TEMP-FILE-FAILS 3018: FILE-INQUIRE-FAILS 3019: INVALID-TMF-REQ 3020: ETMF-NO-LICENSE ETMF would normally report the cause of the error, before returning to this ETMFLIB.	Recovery is depending on the returned error code.

4527	ETMFLIB	CANNOT PROCESS <oper> REQUEST FOR <tape-ID>, RETRY IN <num> MINUTES.	<oper> - TMF operation:
			    "AD" Audit-Dump
			    "OD" Online-Dump
			    "AR" Audit-Recover
			    "OR" Online-Recover
			<tape-ID> - Tapemedia label
			<num> - number of minutes.
				ETMFLIB cannot successfully open an ETMF process to process the TMF's request.
				It will retry in <num> minutes.
					Usually, this event is preceded by another event describing the reason of the failure. Please correct the problem as soon as possible.

EMS Id	Module	Message	Parameters	Probable Cause	Action
4528	ETMFLIB	MAX. RETRIES REACHED FOR <oper> REQUEST ON <tape-ID>, DEFAULT TO TANDEM-TAPE.	<oper> - TMF operation: "AD" Audit-Dump "OD" Online-Dump "AR" Audit-Recover "OR" Online-Recover <tape-ID> - Tapemedia label	The ETMFLIB has reached its maximum retry limit when retrying to open an ETMF process in order to process TMF request <oper> for tapemedia<tape-ID>. It will default to use TMF tape.	Watch for the TMF MOUNT message, and mount the correct tapemedia to the specified tape drive. Please consult the *TMF Option for BackHome* document, Section *Operational Procedure* for more details.
4529	ETMFLIB	THIS <oper> REQUEST FOR <tape-ID> IS DUMPED TO TANDEM-TAPE.	<oper> - TMF dump operation: "AD" Audit-Dump "OD" Online-Dump <tape-ID> - Tapemedia label	The TMF dump request <oper> for tapemedia <tape-ID> is going to be dumped to a TMF-labelled tape, according to the MODE field in the BCOMTBE database. The associated TAPEMEDIA record for this tapemedia will be marked as 'FREE'.	Watch for the TMF MOUNT message, and mount the correct tapemedia to the specified tape drive.
4530	ETMFLIB	TAPEMEDIA <tape-ID> IS DUMPED TO TANDEM-TAPE.	<tape-ID> - Tapemedia label.	This message is produced when the destination for a TMF dump request was to locally TMF-labelled tape, and <tape-ID> (a valid TMF labelled tape) was mounted, and accepted by MEDIACOM. This tape will be used by TMFDR as destination for this dump request. The TAPEMEDIA record for this tape will have CURR-STATUS field as TANDEM-TAPE. If this record is NOT in the BCOMTBE, it will be added.	Watch for the TMF MOUNT message, and mount the correct tapemedia to the specified tape drive.
4531	ETMFLIB	THE DEFAULT COLLECTOR WILL BE USED AS THE LOGGER.		The CONFIG record in BCOMTBE is missing. ETMFLIB will use $0 as default logger.	Add CONFIG record to the BCOMTBE.
4532	ETMFLIB	COPY-3 ENCOUNTERED FOR <oper> REQUEST FOR <tape-ID>.	<oper> - TMF dump operation: "AD" Audit-Dump "OD" Online-Dump <tape-ID> - Tapemedia label.	ETMFLIB detects a COPY-3 dumps from TMF. This message indicates TMF is now generating COPY-3 dumps. Please contact ETI-NET.	Please send the log message, your TMFCOM command that resulting the logging of this message and your TMF configuration to ETI-NET Support.

EMS Id	Module	Message	Parameters	Probable Cause	Action
4551	ETMF	ERROR <error> WHEN DEFINEADD THE =BCOMTAPE DEFINE..	<error> - Error returned from the DEFINEADD operation.	An error is encountered during a DEFINEADD operation. Message produced only during a 'Stand-Alone Recover' session. The recover session will be aborted.	Please contact ETI-NET support.
4552	ETMF	CANNOT OPEN T16-TAPE, TMF-RECOVER SESSION ABORTED.		At the 'Stand-Alone Recover' session, the ETMF process cannot open the Tandem tape drive used for this TMF recovery. Normally, this message is preceded by another one saying why the opening fails. This recover session will be aborted with error TAPE-OPEN-FAILS.	Correct the cause of the error.
4553	ESNOOP ETMF	REWIND OPERATION RECEIVED DURING PROCESSING OF '<oper>' REQUEST.	<oper> - TMF operation: "AD" Audit-Dump "OD" Online-Dump "AR" Audit-Recover "OR" Online-Recover "SN" SNOOP-Recover	A Tape-Rewind operation is received during the processing of a TMF request. This operation is not expected by the ETMF process. That process will abort.	Correct the cause of the REWIND, then restart the aborted ETMF process.
4554	ESNOOP ETMF	CONTROL <control> RECEIVED DURING PROCESSING OF '<oper>' REQUEST.	<control> - CONTROL operation. <oper> - TMF operation: "AD" Audit-Dump "OD" Online-Dump "AR" Audit-Recover "OR" Online-Recover "SN" SNOOP-Recover	An unexpected CONTROL operation is received during the processing of a TMF request. The reporting ETMF process will abort.	Please contact ETI-NET Support

EMS Id	Module	Message	Parameters	Probable Cause	Action
4555	ETMF	TV RECORD <tape-ID> IS MISSING FOR UPDATE.	<tape-ID> - Tapemedia label.	A TAPEMEDIA record, which the ETMF is supposed to update, is missing in the BCOMTBE file. This error is encountered when the TAPEMEDIA record is deleted during a TMF dump session involving that tape. The session is completed with error INTERNAL-AT-END. This message will be succeeded by the following message: TV-RECORD UPDATE FAILS, AUDIT-DUMP REQUEST FOR <tape-ID> ABORTED. Or TV-RECORD UPDATE FAILS, ONLINE-DUMP REQUEST FOR <tape-ID> ABORTED.	Please contact ETI-NET Support.
4556	ETMF	CANNOT OBTAIN PROCESS NAME.		ETMF receives an error from PROCESSNAME_CREATE_.	**OBSOLETE**. The event is NOT generated in Version V5.

4557	ESNOOP ETMF	CANNOT OBTAIN '<COPY-type>' RECORD FROM BCOMTBE.	<COPY-type> - COPY record type:
			    `"COPY-1"`
			    `"COPY-2"`
				ETMF was not able to read a record from BCOMBE Database.	Make sure the reported COPY record exist in the BCOMTBE.

4558	ESNOOP ETMF	ERROR <error> WHEN CREATING TEMP. REQUEST FILE. TMF <oper> SESSION ABORTED.	<error> - Returned error.
			<oper> - TMF operation:
			    "AD" Audit-Dump
			    "OD" Online-Dump
			    "AR" Audit-Recover
			    "OR" Online-Recover
			    "SN" SNOOP-Recover
				Error <error> is encountered when ETMF process try to create a temporary file for storing BCOM requests.
				The current TMF operation will be aborted with error CREATE-TEMP-FILE-FAILS.
					Refer to *Guardian Procedure Errors and Messages Manual* for information about the error.

EMS Id	Module	Message	Parameters	Probable Cause	Action
4559	ETMF	REMOTE-FILE-NAME IN '<COPY-type>' RECORD IS NOT IN TEMPLATE FORM.	<COPY-type> - COPY record type: "COPY-1" "COPY-2"	The REMOTE-FILE field specified in COPY-*n* record (n= 1 or 2) is not in template format (e.g. no asterisk (*)). The current TMF dump session will be aborted with error BAD-REMOTE-FILE.	Correct the REMOTE-FILE field in the BCOMTBE.
4560	ESNOOP ETMF	MISSING IBM-VOLUME FOR T16-TAPE RECOVERY, FOR TAPEMEDIA <tape-ID>.	<tape-ID> - Tapemedia label.	The TAPEMEDIA record <tape-ID> in BCOMTBE specified that the recovery mode should be 'Stand-Alone', but IBM tape volume is not specified. The current TMF recover session will be aborted with error.	Correct the information in BCOMTBE.
4561	ESNOOP ETMF	<oper> REQUEST FOR <tape-ID> STARTED.	<oper> - TMF recover operation "AUDIT-RECOVER" "ONLINE-RECOVER". <tape-ID> - Tapemedia label.	A TMFDR recover request is received for Tapemedia <tape-ID>.	None.
4562	ETMF	<oper> REQUEST FOR <tape-ID>, COPY <copy-num>, STARTED.	<oper> - TMF dump operation "AUDIT-DUMP" "ONLINE-DUMP". <tape-ID> - Tapemedia label. <copy-num> - COPY number (i.e. 1 or 2)	A TMFDR dumps request is received for Tapemedia <tape-ID>, using COPY <copy-num>.	None.
4563	ETMF	INVALID TMF REQUEST (<oper>) RECEIVED - REJECTED.	<oper> - TMF operation.	An unexpected TMFDR request *<oper>* is received by this ETMF process. This request is rejected with error INVALID-TMF-REQ.	Please report this error to ETI-NET as soon as possible.
4564	ESNOOP ETMF	ETMF SERVER IS BUSY - THIS OPEN IS REJECTED.		A TMFDR OPEN request is received while this ETMF process is busy serving another TMFDR session. The OPEN is rejected with error BUSY.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
4565	ETMF	NO TMFDR'S REQUEST RECEIVED - THIS OPEN IS REJECTED.		A BCOM OPEN request is received, but this ETMF process has not received any OPEN request from TMFDR. The OPEN is rejected with Guardian error 49.	
4566	ETMF	REQUEST PAIR FROM TMFDR & BCOM MISMATCHED.		A BCOM OPEN request is received, but the TAPEMEDIA name is different from the one in the TMFDR's OPEN request. The BCOM OPEN is rejected with Guardian error 49.	
4567	ETMF	CLOSE MSG FROM TMFDR RECEIVED TWICE.		A CLOSE message is received from TMFDR twice. This CLOSE message is rejected with Guardian error 49.	**Obsolete in V5.02.** This event is replaced by event 4587.
4568	ETMF	CLOSE MSG FROM BCOM RECEIVED TWICE.		A CLOSE message is received from BCOM twice. This CLOSE message is rejected with Guardian error 49.	**Obsolete in V5.02.** This event is replaced by event 4587.
4569	ETMF	<oper> REQUEST FOR <tape-ID> STOPPED.	<oper> - TMF recover operation `"AUDIT-RECOVER"` `"ONLINE-RECOVER"`. <tape-ID> - Tapemedia label.	The ETMF process has just received the CLOSE message from TMFDR during an audit-trail/online recover session for tapemedia *<tape-ID>*.	
4570	ETMF	CLOSE MSG RECEIVED WHEN ETMF NOT IN USE.		A CLOSE message is received while the ETMF process is not busy. This CLOSE message is rejected with Guardian error 49.	
4571	ETMF	STOP/ABEND FROM UNKNOWN; ETMF ABEND.		ETMF receive a STOP/ABEND system message from an unknown process. It will abort.	Restart the aborted ETMF process. **Obsolete in V5.30** – replaced by event 4592.

EMS Id	Module	Message	Parameters	Probable Cause	Action
4572	ESNOOP ETMF	BFSINT PROCESS ABENDS; CURRENT SESSION ABORTED.		The associated BFSINT process aborted. The current ETMF/ESNOOP session is aborted.	Please consult the BackHome log file for related errors. Some possible the reasons are: - A request with the same name is being queued or executed. You need to delete the queued request from the BackHome queue. - The BackHome REQUEST file is full.
4573	ESNOOP ETMF	TIMEOUT WHILE WAITING FOR BCOM OPEN MSG FOR <oper> REQUEST ON TAPEMEDIA <tape-ID>.	<oper> - TMF operation: "AD" Audit-Dump "OD" Online-Dump "AR" Audit-Recover "OR" Online-Recover "SN" SNOOP-Recover <tape-ID> - Tapemedia label.	A timeout condition encountered while ETMF is waiting for an OPEN message from BCOM. The current TMF.ESNOOP session will be aborted with error TIMEOUT-AT-OPEN.	Please consult the BackHome log file for related errors. Some possible reasons are: - The connection to the BackHome partner (like TSM server or BCOM on MVS) can be lost. - There is no free BackHome requestor to service this request.
4574	ETMF	TIMEOUT WHILE WAITING FOR NOTIFY MSG FOR <oper> REQUEST ON TAPEMEDIA <tape-ID>.	<oper> - TMF operation: "AD" Audit-Dump "OD" Online-Dump "AR" Audit-Recover "OR" Online-Recover "SN" SNOOP-Recover <tape-ID> - Tapemedia label.	A timeout condition encountered while ETMF waiting for the NOTIFY message from BCOM. The current TMF session will be aborted with error TIMEOUT-AT-END.	This could be an indication that the connection to the remote BackHome partner is slow or hung.
4575	ETMF	UNKNOWN SYSTEM MESSAGE <SYSMSG> RECEIVED.	<SYSMSG> - System message number.	Warning message. An unexpected SYSTEM message is received. It will be discarded.	**OBSOLETE.** The event is replaced by event 4009 in Version V5.
4576	ETMF	<oper> REQUEST FOR <tape-ID> COMPLETED SUCCESSFULLY.	<oper> - TMF dump operation "AUDIT-DUMP" "ONLINE-DUMP". <tape-ID> - Tapemedia label.	A NOTIFY message for TMF dump for tapemedia <tape-ID> is received and its completion code is OK.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
4577	ETMF	TV-RECORD UPDATE FAILS, <oper> REQUEST FOR <tape-ID> ABORTED.	<oper> - TMF dump operation `"AUDIT-DUMP"` `"ONLINE-DUMP"`. <tape-ID> - Tapemedia label.	This message is produced when a NOTIFY message (completion-code OK) is received for TMF dump request, but ETMF process fails to update the TAPEMEDIA record. Normally, this message is preceded by another one stating why the updating fails. The current TMF dump request completes with error INTERNAL-AT-END.	Please consult the BackHome log file for related errors.
4578	ETMF	<oper> REQUEST FOR <tape-ID> COMPLETED WITH ERROR <error>.	<oper> - TMF dump operation `"AUDIT-DUMP"` `"ONLINE-DUMP"`. <tape-ID> - Tapemedia label. <error> - Completion code (non-zero).	A NOTIFY message for TMF dump for tapemedia *tape-ID* is received and its completion code is *error*. The current TMF dump request is completed with error INTERNAL-AT-END.	Please consult the BackHome log file for related errors.
4581	ESNOOP ETMF	BFSINT NAME IS NOT ASSIGNED; ABEND.		The BFSINT object name is not defined at startup time. ETMF will abort.	Please add BFSINT object name to the STRTETMF obey file. Then restart the ETMF processes.
4582	ETMF	MISSING BFSINT'S LOG FILE; USE DEFAULT.		The BFSINT OUT file is missing.	**OBSOLETE**. The event is NOT generated in Version V5.
4583	ETMF	OPEN ERROR <error> ON TRACE FILE <file>.	<error> - Error returned from the OPEN. <file> - TRACE file name.	ETMF cannot open the TRACE file.	Please contact ETI-NET Support.

4584	ETMF	<oper> SESSION: BFSMON <proc-ID> IN '<COPY-type>' RETURNS ERROR <error>	<oper> - TMF operation:
			    "AD" Audit-Dump
			    "OD" Online-Dump
			    "AR" Audit-Recover
			    "OR" Online-Recover
			    "SN" SNOOP-Recover
			<proc-ID> - BFSMON process-name
			<COPY-type> - COPY record type:
			    `"COPY-1"`
			    `"COPY-2"`
			<error> - Error returned from BFSMON.
				ETMF encounters an error when communicating with a BCOM Monitor.
				The error returned can be:
				  14: Older BCOM version
				  3020: TMF Option is not licensed
					Recovery is depending on the returned error.
					If the Error is 14, please migrate to the compatible version of BCOM/BackHome.

EMS Id	Module	Message	Parameters	Probable Cause	Action

4585	ESNOOP	RECEVIED BACKHOME OPEN BEFORE <module> OPEN - THIS OPEN IS REJECTED.	<module> - Module type:
			`"SNOOPDR"`
			`"TMFDR"`
				An OPEN from BackHome IO process is received for an unknown request. This OPEN is rejected.
				The OPEN is rejected with Guardian error 49.
					New in V5.20.

4586	ESNOOP	BCOM REQUESTED TAPEMDIA <tape-ID1> MISMATCHES ESNOOP REQUESTED TAPEMEDIA <tape-ID2>	<tape-ID1> - Tapemedia requested by BCOM. ic<tape-ID2> - Tapemedia requested by SNOOP.	ESNOOP received a BackHome OPEN request for tapemedia <*tape-ID1*> that does not match the one expected by SNOOP (<*tape-ID2*>. The BackHome OPEN is rejected with Guardian error 49.	**New in V5.20.**

4587	ESNOOP
	ETMF
		CLOSE MSG FROM <module> RECEIVED TWICE.	<module> - Module type:
			`"BCOM"`
			`"SNOOPDR"`
			`"TMFDR"`
				A CLOSE message is received from <*module*> twice.
				The CLOSE is rejected with Guardian error 49.
					New in V5.20.
					This event replaces events 4568 and 4569.

4588	ESNOOP	TIMEOUT WHILE WAITING FOR SNOOPDR OPEN FOR REQUEST ON TAPEMEDIA <tape-ID>.	<tape-ID> - Tapemedia label.	The MOUNT request from ETMFINT is cancelled because ESNOOP times out while waiting for an OPEN from a SNOOPDR. **Explanation**: After the MOUNT command has been issued, the user will receive the message "READY FOR SNOOP COMMAND". The user needs to issue a RESTOREAUDIT command from SNOOP within 10 minutes. (This value can be alter by using the startup PARAM ESNOOP^WAITTIME when start the ETMFINT session to issue the MOUNT command.	**New in V5.20**. The ESNOOP process will abend.

4589	ESNOOP	CLOSE MSG RECEIVED WHEN <module> IS NOT PROCESSING ANY RQUEST.	<module> - Module type:
			`"ESNOOP"`
			`"ETMF"`
				A CLOSE message is received when <*module*> is not busy.
				The CLOSE message is rejected with Guardian error 49.
					New in V5.20.

EMS Id	Module	Message	Parameters	Probable Cause	Action
4590	ETMF	OLD BFSINT <procname> ABENDED.	<procname> - BFSINT process name	ETMF receives a Process-Deletetion system message (-101) from a BFSINT process belong to the previous transfer.	**New in V5.30.** Information only.
4591	ETMF	OLD BFSINT <procname> STOPPED.	<procname> - BFSINT process name	ETMF receives a Process-Deletetion system message (-101) from a BFSINT process belong to the previous transfer.	**New in V5.30.** Information only.
4592	ETMF	STOP/ABEND FROM UNKNOWN PROCESS - IGNORE.		ETMF receive a STOP/ABEND system message from an unknown process. This message is ignored.	**New in V5.30.** Replacing event 4571.
4593	ETMF	VERSION MISMATCH: DUMP VERSION <verson1>, RECOVER VERSION <version2>	<version1> - ETMF version of TMF dump. ><version2> - ETMF version of the ETMF performing the TMF recover.	ETMF performs a TMF recover, but the dump was made from a version which is not compatible with the current ETMF. ETMF will abort.	**New in V6.0.**
4594	ETMF	PROCESS <procname> IS RESERVED FOR TMF REQUEST.	<procname> - ETMF process name	ETMF process <procname> was OPEN by SNOOP, but it is being started for TMF operation. ETMF wil abort.	**New in V6.0**
4595	ETMF	PROCESS <procname> IS RESERVED FOR SNOOP.	<procname> - ETMF process name	ETMF process <procname> was OPEN by TMFDR, but it is being started for SNOOP operation. ETMF wil abort.	**New in V6.0**

BFSGEN User Messages

These user messages are generated by BFSGEN module.

Message	Explanation
<filename> IS INVALID OR DOES NOT EXIST.	The supplied Configuration file *<filename>* is invalid or does not exist. BFSGEN will abort.
<filename> IS NOT A VALID FILE NAME".	The output Configuration file *<filename>* specified in the RUN command is syntactically invalid. BFSGEN will abort.
BCOM BFSGEN VERSION <version> (<version-date>) COMPLETED yyyy-mm-dd hr:mn:sc	BFSGEN completion messages, showing the version/date and the completion date/time.
BCOM BFSGEN VERSION <version> (<version-date>) STARTED yyyy-mm-dd hr:mn:sc	BFSGEN startup messages, showing the version/date and the start date/time.
BFSGEN - <function> ERROR <error> ON CONFIGURATION FILE.	An error *<error>* is encountered when perform Guardian Procedure Call *<function>* on the Configuration file. Refer to *Guardian Procedure Errors and Messages Manual* for information about Guardian error.
BFSGEN - <function> ERROR <error> ON TEMP CONFIGURATION FILE.	An error *<error>* is encountered when perform Guardian Procedure Call *<function>* on the temporary Configuration file. Refer to *Guardian Procedure Errors and Messages Manual* for information about Guardian error.
BCOMGEN CONFIGURATION FILE CREATED IS VALID	Summary Message: Configuration file is valid.
BCOMGEN CONFIGURATION IS INVALID	Summary Message: Configuration file is invalid.
ERRORS DETECTED = nnnn	Summary message displays the number of errors detected during BFSGEN session.
*** ERROR - 16 REMOTE PROCESSES MAXIMUM ***	More than 16 transfer processes are specified.
*** ERROR – 64 REMOTES MAXIMUM ARE ALLOWED ***	More than 64 xxx-REMOTE-IDENTIFICATION defines are specified.
*** ERROR - ALL DEFINE NOT COMPLETED FOR ROUTING ***	For FTP-REQUESTOR, some required attributes are missing. The missing attributes will be listed next. Following are required attributes: DEFAULT-REMOTE-ACCNT DEFAULT-REMOTE-PSWD DEFAULT-REMOTE-USER IP-ADDR
*** ERROR - APPC/FTP/TSM/EP REQUESTOR OR SERVER DEFINITION MUST BE SUPPLIED ***	At least 1 of the transfer process must be defined.
*** ERROR - APPLID IS NOT DEFINED IN RLOC: %<RLOC> ***	For APPC-REQUESTOR define, the Remote-Location *<RLOC>* specified in the ROUTING attribute does not contain an APPLID value. Without an APPLID, the BCOM-Remote-Location can only be referred to by EP-REQUESTOR.
*** ERROR - AT LEAST ONE IP-SESSION MUST BE SUPPLIED ***	For FTP-SERVER, IP-ADDR attribute must be specified.
*** ERROR - AUTO-STARTUP SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For xxx-REQUESTOR, AUTO-STARTUP attribute must be defined before ROUTING attribute.

Message	Explanation
*** ERROR - BCOM REMOTE IDENTIFICATION DEFINITION MUST BE SUPPLIED ***	One or more APPC or EP requestor/server are specified, but BCOM-REMOTE-IDENTIFICATION define is not.
*** ERROR - CATALOG PREFIX: <filename-prefix> IS ALREADY DEFINED ***	For TSM-REMOTE-IDENTIFICATION, CATALOG-PREFIX attribute value must be unique.
*** ERROR - CONFLICTING COMPLETION CODE VALUES ENTERED ***	In LOCAL-IDENTIFICATION define, a NORMAL-IO-COMPLETION-CODES ALL attribute is specified after other NORMAL-IO-COMPLETION-CODES (non ALL value) are specified; or vice versa.
*** ERROR - DAILY-TASK FILE MUST BE SUPPLIED ***	In LOCAL-IDENTIFICATION define, if the DAILY-TASK-TIME attribute is specified, then the DAILY-TASK-FILE attribute MUST be supplied.
*** ERROR - DATA-ENCRYPTION SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For xxx-REQUESTOR, DATA-ENCRYPTION attribute must be defined before ROUTING attribute.
*** ERROR - DATA-SORTED SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For xxx-REQUESTOR, DATA-SORTED attribute must be defined before ROUTING attribute.
*** ERROR - DEF SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For xxx-REQUESTOR, DEF attribute must be defined before ROUTING attribute.
*** ERROR - DEFAULT-REMOTE-ACCNT NOT DEFINED ***	For FTP-REQUESTOR, DEFAULT-REMOTE-ACCNT attribute must be specified.
*** ERROR - DEFAULT-REMOTE-PSWD NOT DEFINED ***	For FTP-REQUESTOR, DEFAULT-REMOTE-PSWD attribute must be specified.
*** ERROR - DEFAULT-REMOTE-USER NOT DEFINED ***	For FTP-REQUESTOR, DEFAULT-REMOTE-USER attribute must be specified.
*** ERROR - DEFAULT-USERID MUST BE SUPPLIED ***	For FTP-SERVER, DEFAULT-USERID attribute must be specified.
*** ERROR - DUPLICATE DEFINE NAME ***	A DEF attribute whose DEFINE-NAME value is already been defined.
*** ERROR - ENCOMP SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For xxx-REQUESTOR, ENCOMP attribute must be defined before ROUTING attribute.
*** ERROR - ENDPOINT FOR ROUTING NOT DEFINED ***	For EP-REQUESTOR, there is no ENDPOINT attribute defined for a ROUTING.
*** ERROR - ENDPOINT IS NOT DEFINED FOR EP-SERVER ***	For EP-SERVER, there is no ENDPOINT attribute defined.
*** ERROR - ENDPOINT NAME IS MISSING ***	For EP-REQUESTOR or EP-SERVER, ENDPOINT attribute does not contain an ENDPOINT name.
*** ERROR - ENDPOINT NOT DEFINE FOR EP-ROUTING ***	For EP-REQUESTOR, there is no ENDPOINT attribute defined for a ROUTING.
*** ERROR - FILE NAME IS MISSING ***	For DEF attribute (in TSM-REMOTE-LOCATION or xxx-REQUESTOR or xxx-SERVER defines), a physical file name is required. The format of DEF is as followed: DEF (=DEFINE-NAME, physical file name)
*** ERROR - FTP DOES NOT SUPPORT MULTIPLEXING ***	For FTP-REQUESTOR define, TYPE attribute can only be "STANDARD".
*** ERROR - FTP REMOTE IDENTIFICATION DEFINITION MUST BE SUPPLIED ***	One or more FTP requestors are specified, but associated FTP-REMOTE-IDENTIFICATION define is not.
*** ERROR - ILLEGAL SYNTAX ***	BFSGEN detects an error when scanning an INPUT line. For example: A "(" is detected but the ")" does not exist.

Message	Explanation
*** ERROR - ILLEGAL SYNTAX: DEFINE NAME EXPECTED ***	For DEF attribute (in TSM-REMOTE-LOCATION or xxx-REQUESTOR or xxx-SERVER defines), a DEFINE name is required. The format of DEF is as followed: DEF (=DEFINE-NAME, physical file name)
*** ERROR - ILLEGAL SYNTAX AND PARAMETER MISSING FOR ENDPOINT ***	For EP-SERVER, the ENDPOINT attribute must have the following format: ENDPOINT endpoint-name (max-sessions)
*** ERROR - INVALID APPLID ***	1. For LOCAL-IDENTIFICATION define, a syntactically invalid LOCAL-APPLID value is specified. 2. For BCOM-REMOTE-IDENTIFICATION define, a syntactically invalid APPLID value is specified. 3. For APPC-REQUESTOR define, a syntactically invalid APPLID value is specified in the ROUTING attribute.
*** ERROR - INVALID ASSIGN NAME LEN. ENCOUNTERD (MAX. 30 IS ALLOWED) ***	**New in BackHome V6.** For STARTUP-PROCESS define, name of an ASSIGN attribute must be 1 to 30 characters long.
*** ERROR - INVALID ASSIGN VALUE LEN. ENCOUNTERD (MAX. 50 IS ALLOWED) ***	**New in BackHome V6.** For STARTUP-PROCESS define, ASSIGN attribute value must be 1 to 50 characters long.
*** ERROR - INVALID AUTO-STARTALL ENCOUNTERED ***	For LSTARTUP-SHUTDOWN-PARAMETERS define, AUTO-STARTALL attribute value must be "YES" or "NO".
*** ERROR - INVALID AUTO-STARTUP ENCOUNTERED ***	For xxx-REQUESTOR and xxx-SERVER define, AUTO-STARTUP attribute value must be "YES" or "NO".
*** ERROR - INVALID BACKUP-CATALOG OPTION ***	For LOCAL-IDENTIFICATION define, BACKUP-CATALOG attribute value must be "YES" or "NO".
*** ERROR - INVALID BHOSS-PATH VALUE: BLANK VALUE ENCOUNTERED " ***	**New in BackHome V6.** For LFILE-DEFINITIONS define, BHOSS-PATH should be define with no blanks. If blanks are included, then the value must be enclosed in a pair of ".
*** ERROR - INVALID BHOSS-PATH VALUE: HAS TO BE STARTED WITH / ***	**New in BackHome V6.** For LFILE-DEFINITIONS define, BHOSS-PATH should be absolute path.
*** ERROR - INVALID BHOSS-PATH VALUE: MORE THAN 1023 CHARs ***	**New in BackHome V6.** For LOCAL-IDENTIFICATION define, total BHOSS-PATH attribute value must be less than 1024 characters.
*** ERROR - INVALID BHOSS-PATH VALUE: MUST BE BETWEEN A PAIR OF " ***	**New in BackHome V6.** For LFILE-DEFINITIONS define, BHOSS-PATH should be define with no ", or within a pair of ".
*** ERROR - INVALID CATALOG-TIMER VALUE ENTERED ***	For LOCAL-IDENTIFICATION define, CATALOG-TIMER attribute value must be "NONE" or a positive number.
*** ERROR - INVALID CATALOG-PREFIX ENCOUNTERED ***	For TSM-IDENTIFICATION, CATALOG-PREFIX attribute contains a syntactically incorrect file name prefix.
*** ERROR - INVALID CATALOG-TRANSACTION-SIZE ENTERED ***	For LOCAL-IDENTIFICATION define, CATALOG-TX-SIZE attribute value must be greater than 1.
*** ERROR - INVALID COMPLETION CODE VALUE ENTERED ***	In LOCAL-IDENTIFICATION define, an invalid completion code was specified (i.e. non-zero value).
*** ERROR - INVALID CONNECT TIMEOUT NUMBER ***	For FTP-SERVER, CONNECT-TIMEOUT attribute value must be greater or equal to 0.

Message	Explanation
*** ERROR - INVALID CPU NUMBER ENTERED ***	1. For START-PROCESS define, valid PRIMARY-CPU or BACKUP-CPU attribute values must be 0 to 15. 2. For xxx-REQUESTOR and xxx-SERVER, valid PROCESS-CPU or IO-PROCESS-CPU attribute values must be 0 to 15.
*** ERROR - INVALID CPUMASK ENTERED ***	For LOCAL-IDENTIFICATION define, the CPUMASK attribute has an invalid CPU number. Valid CPU number must be 0 to 15.
*** ERROR - INVALID DAILY-TASK FILE SPECIFIED ***	For LOCAL-IDENTIFICATION define, DAILY-TASK-FILE attribute must contain a syntactically incorrect file name,
*** ERROR - INVALID DATA-SORTED ENCOUNTERED ***	For xxx-REQUESTOR or xxx-SERVER define, DATA-SORTED attribute value must be "YES" or "NO".
*** ERROR - INVALID DEF^USERID ENCOUNTERED ***	For FTP-SERVER, DEFAULT-USERID attribute value is incorrect. Valid value has the following format: <group-ID>,<user-ID>
*** ERROR – INVALID DEFAULT-RLOC VALUE ENCOUNTERED ***	**New in BackHome V6.** For TSM-REMOTE-LOCATION define, DEFAUL_RLOC attribute must be "YES" or "NO".
*** ERROR - INVALID DEFAULT-REMOTE-ACCNT ENTERED ***	For FTP-REQUESTOR, DEFAULT-REMOTE-ACCNT attribute value must be 1 to 23 characters long.
*** ERROR - INVALID DEFAULT-REMOTE-PSWD ENTERED ***	For FTP-REQUESTOR, DEFAULT-REMOTE-PSWD attribute value must be 1 to 23 characters long.
*** ERROR - INVALID DEFAULT-REMOTE-USER ENTERED ***	For FTP-REQUESTOR, DEFAULT-REMOTE-USER attribute value must be 1 to 47 characters long.
*** ERROR - INVALID DEFAULT^USERID SPECIFIED ***	For FTP-SERVER, DEFAULT-USERID attribute contains userID of 0,0.
*** ERROR - INVALID DESTFILE ENCOUNTERED ***	For xxx-SERVER, DESTFILE attribute value must contain a syntactically incorrect file name.
*** ERROR - INVALID DESTINATION LU ENTERED ***	For APPC-REQUESTOR or APPC-SERVER, the LU defined with an invalid Destination value. Valid value must be 17 characters or less.
*** ERROR - INVALID DESTINATION MODE ENTERED ***	For APPC-REQUESTOR or APPC-SERVER, the LU defined with an invalid Destination Mode value. Valid value must be 8 characters or less.
*** ERROR - INVALID EMS LOGGING OPTION ***	For LOCAL-IDENTIFICATION define, the EVENT-LOGGING attribute must be "YES" or "NO".
*** ERROR - INVALID ENCOMP ENCOUNTERED ***	For xxx-REQUESTOR define, ENCOMP attribute value must be "YES", "NO" or "ALWAYS".
*** ERROR - INVALID ENCRYP ENCOUNTERED ***	1. For LTRANSFER-PARAMETERS or xxx-REQUESTOR define, the DATA-ENCRYPTION attribute must be "YES" or "NO". 2. For xxx-REQUESTOR define, the ENCRYPTION keyword (part of ROUTING attribute) must be "YES" or "NO".
*** ERROR - INVALID EP NAME ENTERED ***	For EP-REQUESTOR or EP-SERVER, ENDPOINT attribute value must be 1 to 64 characters long.
*** ERROR - INVALID FILE NAME ENTERED ***	For DEF attribute (in TSM-REMOTE-LOCATION or TSM-REQUESTOR defines), a syntactically incorrect file name is specified.

Message	Explanation
*** ERROR – INVALID FILE-SYSTEM ENCOUNTERED ***	**New in BackHome V6.** For TSM-REMOTE-LOCATION define, FILE-SYSTEM attribute must be "GUARDIAN", "GU", "OSS" or "OS".
*** ERROR - INVALID FTRETRY NUMBER ***	For LTRANSFER-PARAMETERS define, FTRETRY attribute value must be 0 or greater.
*** ERROR - INVALID GROUP NUMBER ***	For LSECURITY-PARAMETERS define, MSTOPER attribute contains an invalid group ID. Valid group-ID must be 1 to 255.
*** ERROR - INVALID IDENTIFIER ENCOUNTERED ***	For any DEFINE statement in the Configuration file, an unknown attribute is specified.
*** ERROR - INVALID IDLE-TIME-OUT VALUE ***	For EP-REQUESTOR, the idle-timeout value defined in ENDPOINT attribute must be equal or greater than 0 or -1 (for un-limit).
*** ERROR – INVALID IN OPTION-NAME ***	**New in BackHome V6.** For START-PROCESS define, an invalid IN attribute is specified.
*** ERROR - INVALID INACTIVE-TIMERVALUE ENTERED ***	For LOCAL-IDENTIFICATION define, INACTIVE-TIMER attribute value must be 0 or greater than 5.
*** ERROR - INVALID INCREMENT-SESSIONS-NUMBER, MUST BE GREATER THAN 0 ***	For EP-REQUESTOR, the number of sessions increment defined in ENDPOINT attribute must be1 or greater.
*** ERROR - INVALID LIP-PORT NUMBER ***	1. For LOCAL-IDENTIFICATION define, the LIP-PORT attribute contains an invalid value (must be a positive number) 2. For FTP-SERVER, the IP-ADDR attribute contains an invalid LIP port value.
*** ERROR - INVALID LIP-ADDR ENTERED ***	For FTP-REQUESTOR or FTP-SERVER, the IP-ADDR attribute contains an invalid LIP address.
*** ERROR - INVALID LIP ADDRESS ENTERED ***	For LOCAL-IDENTIFICATION define, the LIP-ADDRESS attribute contains an invalid value.
*** ERROR - INVALID LOCAL LOCATION TYPE ***	For LOCAL-IDENTIFICATION define, the LTYPE attribute must be "TANDEM".
*** ERROR - INVALID LOCATION NAME ***	1. For LOCAL-IDENTIFICATION define, the LLOC attribute has incorrect value. 2. For xxx-REMOTE-IDENTIFICATION define, the RLOC attribute has incorrect value. 3. For xxx-REQUESTOR define, a syntactically invalid RLOC value is specified in the ROUTING attribute.
*** ERROR - INVALID LRETRY NUMBER ***	For LTRANSFER-PARAMETERS define, LRETRY attribute value must be -1 or greater.
*** ERROR - INVALID LRETRY-INTERVAL NUMBER ***	For LTRANSFER-PARAMETERS define, LRETIME attribute value must be 0 or greater.
*** ERROR - INVALID LSHUTDOWN FILE SPECIFIED ***	For LSTARTUP-SHUTDOWN-PARAMETERS define, LSHUTDOWN attribute contains a syntactically invalid Tandem file name.
*** ERROR - INVALID LSTARTUP FILE SPECIFIED ***	For LSTARTUP-SHUTDOWN-PARAMETERS define, LSTARTUP attribute contains a syntactically invalid Tandem file name.
*** ERROR - INVALID LU NAME ENTERED ***	For APPC-REQUESTOR and APPC-SERVER, the LU name defined is syntactically incorrect.

Message	Explanation
*** ERROR - INVALID MAXBLK NUMBER, MUST BE BETWEEN 512 - 32000 ***	For LTRANSFER-PARAMETERS, xxx-REQUESTOR or xxx-SERVER define, MAXBLK attribute value must be 512 to 32000.
*** ERROR - INVALID MAXIMUM SESSION-NUMBER, MUST BE GREATER THAN 0 OR EQUAL -1 ***	For EP-REQUESTOR, the maximum number of sessions defined in ENDPOINT attribute must be greater than 0 or -1 (for un-limit).
*** ERROR - INVALID MAXOBJECTSIZEENTERED ***	For TSM-REMOTE-IDENTIFICATION, the MAX-OBJECT-SIZE attribute value must be equal or greater than 500 (MB).
*** ERROR - INVALID MAXRQST ***	For xxx-REQUESTOR and xxx-SERVER, MAXRQST attribute value must be 1 to 8 for (Requestor), and 1 to 64 (for Server).
*** ERROR – INVALID OBJECT-NAME ***	**New in BackHome V6.** For START-PROCESS define, an invalid OBJECT-NAME attribute is specified.
*** ERROR - INVALID OPTION ENTERED ***	For LOCAL-IDENTIFICATION define, the LOPTIONS attribute must be "STANDARD".
*** ERROR - INVALID OPTION FLAG NUMBER ***	For xxx-REQUESTOR and xxx-SERVER, valid OPTION-FLAG attribute value must be greater than 0.
*** ERROR – INVALID OUT OPTION-NAME ***	**New in BackHome V6.** For START-PROCESS define, an invalid OUT attribute is specified.
*** ERROR - INVALID PARAM LEN. ENCOUNTERD (MAX. 24 IS ALLOWED) ***	**New in BackHome V6.** For TSM-REMOTE-IDENTIFICATION define, name of a PARAM attribute must be 1 to 24 characters long.
*** ERROR - INVALID PARAM LEN. ENCOUNTERD (MAX. 30 IS ALLOWED) ***	**New in BackHome V6.** For STARTUP-PROCESS define, name of a PARAM attribute must be 1 to 30 characters long.
*** ERROR - INVALID PARAM VALUE LEN. ENCOUNTERD (MAX. 50 IS ALLOWED) ***	**New in BackHome V6.** For STARTUP-PROCESS define, PARAM attribute value must be 1 to 50 characters long.
*** ERROR - INVALID PARAM VALUE: SEPARATORE '&' OR ':' OR ',' IS MISSING ***	**New in BackHome V6.** For LFILE-DEFINITIONS define, BHOSS-PATH attribute value should be finished with ',' or ':'. If BHOSS-PATH does not fit in one line, the line (except the last line) should be terminated with '&'.
*** ERROR - INVALID PASSWORD ENTERED ***	For LOCAL-IDENTIFICATION define, the PSWD attribute has incorrect value.
*** ERROR – INVALID PRIMARY/BACKUP CPU COMBINATION ***	**New in BackHome V6.** For START-PROCESS define, an invalid PRINARY-CPU and BACKUP-CPU pair is specified. For example: PRIMARY-CPU cannot have the same value as BACKUP-CPU.
*** ERROR - INVALID PRINT-DELAY ***	For xxx-SERVER, valid PRINT-DELAY attribute value must be greater than 0.
*** ERROR - INVALID PRIORITY ENTERED ***	1. For START-PROCESS define, valid PRIORITY attribute value must be 1 to 199. 2. For xxx-REQUESTOR and xxx-SERVER, valid PROCESS_PRI or IO-PROCESS-PRI attribute value must be 1 to 199.

Message	Explanation
*** ERROR - INVALID PRNTCNTL ENCOUNTERED ***	For xxx-SERVER, PRNTCNTL attribute value must be "YES" or "NO".
*** ERROR - INVALID PROCESS-ID NAME ***	For xxx-REQUESTOR and xxx-SERVER, the NAME attribute value is syntactically incorrect. Process name must be in local format (i.e. no system name).
*** ERROR – INVALID PROCESS-NAME ***	**New in BackHome V6.** For START-PROCESS define, an invalid PROCESS-NAME attribute is specified.
*** ERROR - INVALID QUEUE FILE ENCOUNTERED ***	For LFILE-DEFINITIONS define, QUEUE-FILE attribute contains a syntactically invalid Tandem file name.
*** ERROR - INVALID REMOTE BFSINT VALUE ENCOUNTERED ***	**New in BackHome V6.** For LSECURITY-PARAMTERS define, ERMOTE-BFSINT attribute value must be YES or NO.
*** ERROR - INVALID REMOTE LOCATION TYPE ***	An invalid value is specified in the RTYPE attribute of a xxx-REMOTE-IDENTIFICATION define. Valid values are: FUJITSU IBM/M TANDEM VAX WIN/NT
*** ERROR - INVALID REMOTE TYPE ***	An invalid value is specified in the RTYPE attribute of a xxxx-REMOTE-IDENTIFICATION define. Valid values are: FUJITSU FUJITSU:S FUJITSU:P IBM/M IBM/M:S IBM/:P TANDEM TANDEM:S TANDEM:P VAX VAX:S VAX:P WIN/NT WIN/NT:S WIN/NT:P
*** ERROR - INVALID RIP-PORT NUMBER ***	For FTP-REQUESTOR, the IP-ADDR attribute contains an invalid RIP port value.
*** ERROR – INVALID RIP-ADDR ENTERED ***	For FTP-REQUESTOR, the IP-ADDR attribute contains an invalid RIP address.
*** ERROR - INVALID RIP ADDRESS ENTERED ***	For FTP-REMOTE-IDENTIFICATION define, the RIP-ADDRESS attribute contains an invalid value.
*** ERROR - INVALID ROUTING CLASS NUMBER ***	A valid ROUTING class is between 1 and 99.
*** ERROR - INVALID REQUEST FILE ENCOUNTERED ***	For LFILE-DEFINITIONS define, REQUEST-FILE attribute contains a syntactically invalid Tandem file name.
*** ERROR - INVALID RTE/RCV TYPE ***	For xxx-REQUESTOR and xxx-SERVER, TYPE attribute value must be "STANDARD" or "MULTIPLX".
*** ERROR - INVALID SECURITY LEVEL ***	For LSECURITY-PARAMETERS define, FS-SECLEVEL attribute value must be 0 or 10.
*** ERROR - INVALID SECURITY LEVEL ENCOUNTERED ***	For LSECURITY-PARAMETERS define, FS-SECLEVEL attribute value is invalid.
*** ERROR - INVALID SECURITY OPTION ***	For FTP-SERVER, SECURITY attribute value must be "YES" or "NO".
*** ERROR - INVALID SESSION-NUMBER ***	For EP-SERVER, the ENDPOINT attribute contains an invalid session number.
*** ERROR - INVALID SESSION-NUMBER, MUST BE BETWEEN 1 - 16 ***	For FTP-REQUESTOR or FTP-SERVER, the IP-ADDR attribute contains an invalid session number.

Message	Explanation
*** ERROR - INVALID SHORT FORM ENCOUNTERED ***	For BCOM-REMOTE-IDENTIFICATION or APPC-SERVER define, SHORT-FORM attribute value must be "YES" or "NO".
*** ERROR - INVALID STATIC SESSION-NUMBER, MUST BE GREATER THAN 0 ***	For EP-REQUESTOR, the static number of sessions defined in ENDPOINT attribute must be1 or greater.
*** ERROR - INVALID STATIC SESSION-NUMBER, MUST BE LESS THAN OR EQUAL TO MAXIMUM SESSIONS-NUMBER ***	For EP-REQUESTOR, the static number of sessions defined in ENDPOINT attribute must NOT be greater than the value of maximum-sessions-number.
*** ERROR - INVALID STOPLOGGER ENCOUNTERED ***	For LSTARTUP-SHUTDOWN-PARAMETERS define, STOPLOGGER attribute value must be "YES" or "NO".
*** ERROR - INVALID SUB-IDENTIFIER ENCOUNTERED ***	BFSGEN encounters an unexpected item when scanning in input line.
*** ERROR - INVALID SUPPORT-LEVEL NUMBER ***	For FTP-REQUESTOR or FTP-SERVER, SUPPORT-LEVEL attribute value must be 0 to 10.
*** ERROR - INVALID SYNTAX, COMMAND NOT ENDED ***	BFSGEN reaches the end-of-file on INPUT file, but the current define is NOT complete (i.e. a ";" is not reached).
*** ERROR - INVALID SYSTEM NAME ENTERED ***	For LOCAL-IDENTIFICATION define, the SYSNAMES attribute has a syntactically invalid system name.
*** ERROR - INVALID TCPIP-PROCNAME ENCOUNTERED ***	For LOCAL-IDENTIFICATION, FTP-REQUESTOR or FTP-SERVER define, TCPIP-PROCNAME attribute value is incorrect.
*** ERROR - INVALID TCPIP-RSVERFLAG ENCOUNTERED ***	For LOCAL-IDENTIFICATION, FTP-REQESUTOR or FTP-SERVER define, TCPIP-RSVER-FLAG attribute value must be "YES" or "NO".
*** ERROR - INVALID TCPIP-RSVERNAME ENCOUNTERED ***	For LOCAL-IDENTIFICATION, FTP-REQUESTOR or FTP-SERVER define, TCPIP-RSVERNAME attribute contains a syntactically incorrect file name,
*** ERROR – INVALID TERM-NAME ***	**New in BackHome V6.** For START-PROCESS define, an invalid TERM attribute is specified.
*** ERROR – INVALID TPN ***	1. For BCOM-REMOTE-IDENTIFICATION define, a syntactically invalid TPN value is specified. 2. For APPC-REQUESTOR define, a syntactically invalid TPN value is specified in the ROUTING attribute.
*** ERROR - INVALID TSM-LOCAL-ROOT VALUE ENTERED ***	**New in BackHome V6.** For LSECURITY-PARAMETERS define, TSM-LOCAL-ROOT attribute must be "SUPER.SUPER" or "SUPER.*".
*** ERROR – INVALID TYPE ***	**New in BackHome V6.** For START-PROCESS define, TYPE attribute must be "DISTRIBUTOR", "OSSTTY" or "LOGGER".
*** ERROR - INVALID USER ID SPECIFIED FOR MSTOPER ***	For LSECURITY-PARAMETERS define, MSTOPER attribute contains 0,0 as the user ID.
*** ERROR - INVALID USER NUMBER ***	For LSECURITY-PARAMETERS define, MSTOPER attribute contains an invalid user ID. Valid user-ID must be 1 to 255.
*** ERROR - INVALID USERID ENCOUNTERED ***	For LSECURITY-PARAMETERS define, MSTOPER attribute is invalid. Valid value has the following format: <group-ID>,<user-ID>
*** ERROR - INVALID USERID-FILE ENCOUNTERED ***	For LSECURITY-PARAMETERS define, USERID-FILE attribute contains a syntactically incorrect file name,

Message	Explanation
*** ERROR - INVALID USERID GROUP NUMBER ***	For FTP-SERVER, DEFAULT-USERID attribute contains an invalid user-group ID. Valid Tandem user-group is 1 to 255.
*** ERROR - INVALID USERID USER NUMBER ***	For FTP-SERVER, DEFAULT-USERID attribute contains an invalid user-number. Valid Tandem user-number is 1 to 255.
*** ERROR - INVALID VALUE, MUST BE >= 0 AND <= 23 OR 'NONE' ***	For LOCAL-IDENTIFICATION define, DAILY-TASK-TIME attribute value must be 0 to 23 (hour), or "NONE".
*** ERROR - INVALID VALUE SPECIFIED ***	For LOCAL-IDENTIFICATION define, the OPTION-FLAG attribute contains incorrect value. The attribute is reserved for BCOM/BackHome internal usage.
*** ERROR - INVALID WINDCNT NUMBER ***	For LTRANSFER-PARAMETERS, xxx-REQUESTOR or xxx-SERVER define, WINDCNT attribute value must be 1 to 50.
*** ERROR – IO-PROCESS-CPU SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For xxx-REQUESTOR or xxx-SERVER, IO-PROCESS-CPUI attribute must be defined before ROUTING attribute.
*** ERROR – IO-PROCESS-PRI SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For xxx-REQUESTOR or xxx-SERVER, IO-PROCESS-PRI attribute must be defined before ROUTING attribute.
*** ERROR - IP-ADDR NOT DEFINED ***	For FTP-REQUESTOR, IP-ADDR attribute must be specified.
*** ERROR - LFILE-DEFINITIONS DEFINITION MUST BE SUPPLIED ***	The LFILE-DEFINITIONS define must be specified.
*** ERROR - LOCAL-IDENTIFICATION DEFINITION MUST BE SUPPLIED ***	The LOCAL-IDENTIFICATION define must be specified. Usually, this is the first definition specified in the Configuration file.
*** ERROR - LOCAL IP-PORT,IP-ADDR PAIR ALREADY EXISTED ***	For FTP-SERVER, the IP-PART and IP-ADDR pair defined in IP-ADDR attribute is already been defined for another FTP Server.
*** ERROR - LOCAL LOCATION MUST BE SUPPLIED ***	For LOCAL-IDENTIFICATION define, the LLOC attribute must be specified.
*** ERROR – LOCAL-LOCATION NOT DEFINED ***	For LOCAL-IDENTIFICATION, LTRANSFER-PARAMETERS, LSECURITY-PARAMETERS, LSTARTUP-SHUTDOWN-PARAMETERS or LFILE-DEFINITIONS defines, the LLOC attribute must be specified.
*** ERROR - LOCAL PASSWORD MUST BE SUPPLIED ***	For LOCAL-IDENTIFICATION define, PSWD attribute must be specified.
*** ERROR - LOCATION NAME ALREADY EXISTED ***	For xxx-REMOTE-IDENTIFICATION define, RLOC attribute value must be unique.
*** ERROR - LU NAME ALREADY EXISTED ***	For APPC-REQUESTOR or APPC-SERVER, the LU defined is already specified.
*** ERROR - LU NOT DEFINE FOR APPC-ROUTING ***	For APPC-REQUESTOR, there is no LU attribute defined for a ROUTING.
*** ERROR - MAX IP-ADDR, NO MORE IP-ADDR DEFINE ***	1. For FTP-REQUESTOR, the IP-ADDR attribute is specified more than once in the same ROUTING. 2. For FTP-SERVER, the IP-ADDR attribute is specified more than once.
*** ERROR - MAXBLK NUMBER MUST BE SUPPLIED AND > 0 ***	For LTRANSFER-PARAMETERS define, MAXBLK attribute must be specified and greater than 0.
*** ERROR - MAXBLK SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For xxx-REQUESTOR, MAXBLK attribute must be defined before ROUTING attribute.

Message	Explanation
*** ERROR - MAXIMUM <nn> DEFs CAN BE SPECIFIED ***	A maximum of *<nn>* DEF attributes can be defined.
*** ERROR - MAXIMUM 1 DEFINES IS ALLOWED WITH EMS OPTION ***	**New in BackHome V6.** When EMS-LOGGING attribute (in LOCAL-LOCATION define) is YES, STAR-PROCE with TYPE LOGGER requires only 1 DEF attribute: =DEF-LOG-FILE-1.
*** ERROR - MAXIMUM 2 DEFINES IS ALLOWED WITH NON-EMS OPTION ***	**New in BackHome V6.** When EMS-LOGGING attribute (in LOCAL-LOCATION define) is NO, STAR-PROCE with TYPE LOGGER requires both DEF attributes =DEF-LOG-FILE-1 and = DEF-LOG-FILE-2.
*** ERROR - MAXIMUM 10 ASSIGNs ***	**New in BackHome V6.** A maximum of 10 ASSIGN attributes can be defined.
*** ERROR - MAXIMUM 10 PARAMs ***	A maximum of 10 PARAM attributes can be defined.
*** ERROR - MAXIMUM 50 CHARACTERS PER LINE ***	**New in BackHome V6.** For LFILE_DEFINITIONS, BHOSS-PATH attribute value can be defined with maximum 50 characters per line.
*** ERROR - MAXRQST CANNOT BE GREATER THAN 1 ***	For TSM-REQUESTOR, MAXRQST attribute must be 1.
*** ERROR - MAXRQST CANNOT BE GREATER THAN 1 FOR MULTIPLEX ***	For xxx-REQUESTOR or xxx-SERVER define, MAXRQST attribute must be 1 for TYPE MULTIPLX.
*** ERROR – MAXRQST MUST BE SUPPLIED ***	For xxx-REQUESTOR or xxx-SERVER define, MAXRQST attribute must be specified.
*** ERROR - MAXRQST SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For xxx-REQUESTOR, MAXRQST attribute must be defined before ROUTING attribute.
*** ERROR - MISSING) ***	BFSGEN detects an error when scanning an INPUT line. For example: A "(" is detected but the ")" does not exist.
*** ERROR - MISSING PARAMETERS ***	For EP-REQUESTOR, the ENDPOINT attribute is defined with missing information.
*** ERROR - MISSING USERID FILE FOR LEVEL OF SECURITY > 0 ***	For the LSECURITY-PARAMETERS define, if SF-SECLEVEL is set to 10, the USERID-FILE attribute must be defined.
*** ERROR - MORE THAN ONE LU MUST BE SUPPLIED FOR MULTIPLEX ***	For APPC-REQUESTOR or APPC-SERVER, if TYPE attribute is "MULTIPLX", at least 2 LUs are required.
*** ERROR - MSTOPER NOT SPECIFIED FOR LEVEL OF SECURITY 10 ***	For the LSECURITY-PARAMETERS define, if SF-SECLEVEL is set to 10, the MSTOPER attribute must be defined.
*** ERROR - NAME (PROCESS) ALREADY EXISTED ***	For xxx-REQUESTOR or xxx-SERVER define, the NAME attribute value is already been defined for another requestor/server.
*** ERROR – OBJECT-NAME IDENTIFIER IS MISSING ***	**New in BackHome V6.** For START-PROCESS define, OBJECT-NAME attribute is missing.
*** ERROR – ONE OF TSM-REMOTE-IDENTIFICATION SHOULD BE DEFAULT ***	**New in BackHome V6.** At least one of the TSM-REMOTE-INDENTIFICATION should be default.
*** ERROR - ONLY 1 ENDPOINT CAN BE DEFINED ***	For EP-SERVER, only 1 END-POINT attribute can be defined.

Message	Explanation
*** ERROR - ONLY 1 ENDPOINT PER ROUTING ***	For EP-REQUESTOR, only 1 END-POINT attribute can be defined per ROUTING.
*** ERROR – ONLY ONE TSM-REMOTE-IDENTIFICATION CAN BE DEFAULT ***	**New in BackHome V6.** Only 1 TSM-REMOTE-LOCATION can be default. Please note that first TSM-REMOTE-INDENTIFICATION is always the default one, unless the DEFAULT-RLOC attribute is set to YES.
*** ERROR - OPTION-FLAG SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For xxx-REQUESTOR, OPTION-FLAG attribute must be defined before ROUTING attribute.
*** ERROR - PARAM MUST BE SUPPLIED ***	For TSM-REQUESTOR, PARAM attributes must be defined for a ROUTING.
*** ERROR - PARAM NOT DEFINE FOR TSM-ROUTING ***	For TSM-REQUESTOR, there is no PARAM attribute defined for a ROUTING.
*** ERROR -PARAM SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For xxx-REQUESTOR, PARAM attribute must be defined before ROUTING attribute.
*** ERROR - PARAMS FOR ROUTING NOT ALL DEFINED ***	For FTP-REQUESTOR, all attributes must be defined for a ROUTING.
*** ERROR - PARAMS FOR ROUTING NOT DEFINED ***	For APPC-REQUESTOR define, there is no LU attribute defined for a ROUTING.
*** ERROR - PRINT-DELAY SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For xxx-REQUESTOR, PRINT-DELAY attribute must be defined before ROUTING attribute.
*** ERROR - PROCESS-CPU MUST BE SUPPLIED ***	For xxx-REQUESTOR or xxx-SERVER, PROCESS-CPU attribute must be specified.
*** ERROR - PROCESS-CPU SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For xxx-REQUESTOR, PROCESS-CPU attribute must be defined before ROUTING attribute.
*** ERROR - PROCESS-PRI SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For xxx-REQUESTOR, PROCESS-PRI attribute must be defined before ROUTING attribute.
*** ERROR - PROCESS-PRIORITY MUST BE SUPPLIED ***	For xxx-REQUESTOR or xxx-SERVER, PROCESS-PRI attribute must be specified.
*** ERROR - REMOTE LOCATION NAME MUST BE SUPPLIED ***	For xxx-REMOTE-IDENTIFICATION define, RLOC attribute must be specified.
*** ERROR - REMOTE LOCATION TYPE MUST BE SUPPLIED ***	For xxx-REMOTE-IDENTIFICATION define, RTYPE attribute must be specified.
*** ERROR - REQ/SER PROCESS NAME MUST BE SUPPLIED ***	For xxx-REQUESTOR or xxx-SERVER define, NAME attribute must be specified.
*** ERROR - REQ/SER TYPE MUST BE SUPPLIED ***	For xxx-REQUESTOR or xxx-SERVER define, TYPE attribute must be specified.

Message	Explanation
*** ERROR - RESERVED BCOM DEFINE NAME SPECIFIED ***	A DEF attribute is defined with a reserved DEFINE name used by BCOM/BackHome. Reserved DEFINE names are: 　　　=BCOM-ALT-HOMETERM 　　　=BCOM-APPC-STD-CLIENT 　　　=BCOM-APPC-MPLX-CLIENT 　　　=BCOM-APPC-STD-SERVER 　　　=BCOM-APPC-MPLX-SERVER 　　　=BCOM-EP-CONFIG 　　　=BCOM-EP-DIRSERVICE 　　　=BCOM-EP-INDEX 　　　=BCOM-EP-RESOURCE 　　　=BCOM-EP-STD-CHILDC 　　　=BCOM-EP-STD-CLIENT 　　　=BCOM-EP-STD-CHILDS 　　　=BCOM-EP-STD-SERVER 　　　=BCOM-FTP-STD-CLIENT 　　　=BCOM-FTP-STD-SERVER 　　　=BCOM-IO-BACKUP 　　　=BCOM-IO-JOB 　　　=BCOM-IO-READ 　　　=BCOM-IO-READX 　　　=BCOM-IO-RESTORE 　　　=BCOM-IO-SQL 　　　=BCOM-IO-WRITE 　　　=BCOM-IO-WRITEX 　　　=BCOM-LOG-FILE-1 　　　=BCOM-LOG-FILE-2 　　　=BCOM-LOGGER 　　　=BCOM-STATS-FILE 　　　=BCOM-TDM-BACKUP 　　　=BCOM-TDM-DNSMGR 　　　=BCOM-TDM-RESTORE 　　　=BCOM-TSM-STD-CLIENT 　　　=BCOM-XFER-HOMETERM
*** ERROR - RLOC NAME: %<RLOC> IS NOT DEFINED ***	For xxx-REQUESTOR, the RLOC value specified in the ROUTING attribute is not previously defined.
*** ERROR - ROUTING CANNOT BE GREATER THAN 1 FOR MULTIPLEX ***	For APPC-REQUESTOR, if TYPE attribute is "MULTIPLX", only 1 ROUTING can be defined.
*** ERROR - ROUTING FOR REQUESTOR NOT DEFINED ***	For xxx-REQUESTOR, ROUTING attribute must be specified.
*** ERROR - SESSION-NUMBER MUST BE EQUAL OR GREATER THAN MAXRQST, OR -1 ***	For EP-SERVER - ENDPOINT attribute, session number must be greater than the MAXRQST, or -1 (unlimited).
*** ERROR – SPECIFIED PATH IS TOO LONG ***	**New in BackHome V6.** For TSM-REMOTE-LOCATION define, PATH attribute value cannot be more than 1012 characters.
*** ERROR - TCPIP-PROCNAME MUST BE SUPPLIED ***	For FTP-REQUESTOR or FTP-SERVER, TCPIP-PROCNAME attribute must be specified.
*** ERROR - TCPIP-PROCNAME SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For FTP-REQUESTOR, TCPIP-PROCNAME attribute must be defined before ROUTING attribute.
*** ERROR - TCPIP-RSVERNAME MUST BE SUPPLIED ***	For FTP-REQUESTOR or FTP-SERVER, TCPIP-RSVERNAME attribute must be specified.
*** ERROR - TCPIP-RSVERNAME SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For FTP-REQUESTOR, TCPIP-RSVERNAME attribute must be defined before ROUTING attribute.
*** ERROR - TCPIP-RSVER-FLAG SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For FTP-REQUESTOR, TCPIP-RSVER-FLAG attribute must be defined before ROUTING attribute.

Message	Explanation
*** ERROR - TOO MANY LUs ENTERED ***	For APPC-REQUESTOR or APPC-SERVER, the total number of LUs defined exceeds the limit for APPC Requestor (16), or APPC Server (64), or exceed the total limit for a BCOM environment (64).
*** ERROR - TOO MANY SESSIONs ENTERED ***	For FTP-REQUESTOR or FTP-SERVER, the number of IP sessions defined exceeds the limit of FTP Requestor (16), or FTP Server (64), or exceeds the total limit for a BCOM environment (64).
*** ERROR - TOO MANY SYSTEM NAMES ENTERED ***	For LOCAL-IDENTIFICATION define, the SYSNAMES attribute contains more than 4 system names.
*** ERROR - TOTAL NUMBER OF LUs MUST BE EQUAL OR GREATER THAN MAXRQST ***	1. For APPC-REQUESTOR, the total number of LUs defined in all ROUTING must be equal or greater than the value of MAXRQST attribute. 2. For APPC-SERVER, the total number of LUs defined must be equal or greater than the value of MAXRQST attribute.
*** ERROR - TOTAL NUMBER OF SESSIONs MUST BE EQUAL OR GREATER THAN MAXRQST ***	1. For FTP-REQUESTOR, the total number of FTP sessions defined in all ROUTING must be equal or greater than the value of MAXRQST attribute. 2. For FTP-SERVER, the total number of FTP sessions defined must be equal or greater than the value of MAXRQST attribute.
*** ERROR - TOTAL NUMBER OF SESSIONs MUST BE EQUAL OR GREATER THAN MAXRQST, OR -1 ***	For EP-REQUESTOR, the total number of ENDPOINT sessions defined in all ROUTING must be equal or greater than the value of MAXRQST attribute, or -1 (for unlimited).
*** ERROR - TPN IS NOT DEFINED IN RLOC: %<RLOC> ***	For APPC-REQUESTOR, the Remote-Location *<RLOC>* specified in the ROUTING attribute does not contain a TPN value. TPN is needed for connection to AS/400.
*** ERROR - TSM DOES NOT SUPPORT MULTIPLEXING ***	For TSM-REQUESTOR, TYPE attribute can only be "STANDARD".
*** ERROR - TSM REMOTE IDENTIFICATION DEFINITION MUST BE SUPPLIED ***	One or more TSM requestors are specified, but TSM-REMOTE-IDENTIFICATION definition is not.
*** ERROR - TYPE IS MISSING ***	**New in BackHome V6.** For START-PROCESS define, TYPE attribute is missing. Valid values are "DISTRIBUTOR", "OSSTTY" or "LOGGER".
*** ERROR - TYPE SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For xxx-REQUESTOR, TYPE attribute must be defined before ROUTING attribute.

Message	Explanation
*** ERROR – UNEXPECTED DEF NAME SPECIFIED ***	**New in BackHome V6.** For STAR-PROCESS define, unexpected DEF attribute name is specified. Valid DEF names are: 1. For DISTRIBUTOR type: =DEF-COLLECTOR =DEF-DESTINATION =DEF-DISPDB =DEF-ENVTDB =DEF-FLTRDB =DEF-INTRDB =DEF-VIEWDB =DEF-LOG-FILE-1 2. For OSSTTY type: =DEF-OSS-FILE-HOMETERM =DEF-OSS-TTY-HOMETERM 3. For LOGGER type: =DEF-LOG-FILE-1 =DEF-LOG-FILE-2
*** ERROR - UNRECOGNIZED COMMAND ***	BFSGEN detects an unknown text when reading the Configuration file.
*** ERROR - WINDCNT SHOULD BE DEFINED BEFORE ROUTING PARAM ***	For xxx-REQUESTOR, WINDCNT attribute must be defined before ROUTING attribute.
*** FIRST REMOTE LOCATION IS ALWAYS DEFAULT UNLESS EXPLICITLY SET TO 'NO' ***	**New in BackHome V6.** The first TSM-REMOTE-INDENTIFICATION is always the default one, unless the DEFAULT-RLOC attribute is set to YES. Please note that there is only 1 TSM-REMOTE-INDENTIFICATION can be set as default.
*** LSECURITY-PARAMETERS DEFINITION NOT FOUND. WILL BE DEFAULTED ***	The LSECURITY-PARAMETERS define is not specified. The following defaults are used: MSTOPER <none> FS-SECLEVEL 0 USERID-FILE <none>
*** LSTARTUP-SHUTDOWN-PARAMETERS DEFINITION NOT FOUND. WILL BE DEFAULTED ***	The LSTARTUP-SHUTDOWN-PARAMETERS define is not specified. The following defaults are used: AUTO-STARTALL NO LSTARTUP <none> LSHUTDOWN <none> STOPLOGGER YES
*** LTRANSFER-PARAMETERS DEFINITION NOT FOUND. WILL BE DEFAULTED ***	The LTRANSFER-PARAMETERS define is not specified. The following defaults are used: LU^RETRY -1 LRETIME 5 FTRETRY 0 WINDCNT 3 MAXBLK <must be defined> DATA-ENCRYPTION NO
WARNINGS DETECTED = nnnn	Summary message displays the number of warnings detected during BFSGEN session.
*** WARNING - ANY ABEND TERMINATION (-6) "WILL BE CONSIDERED ABNORMAL ***	In LOCAL-IDENTIFICATION define, completion code -6 is always considered abnormal.
*** WARNING – BACKUP-CATALOG ATTRIBUTE IS OBSOLETE. SEE DOCUMENTATION FOR MORE DETAILS ***	**New in BackHome V6.** In LOCAL-IDENTIFICATION define, the BACKUP-CATALOG attribute is obsolete. Please consult *BackHome/TSM V6.00 Installation and Users Guide* for details.

Message	Explanation
*** WARNING - DUPLICATE COMPLETION CODE: <nn> ***	In LOCAL-IDENTIFICATION define, a completion code a specified more than once.
*** WARNING – EMS-LOGGING IS ENABLED BUT DISTRIBUTOR IS NOT DEFINED ***	**New in BackHome V6.** In LOCAL-IDENTIFICATION define, EMS-LOGGING is defined "YES", but there is no START-PROCESS with TYPE "DISTRIBUTOR". BackHome is assuming that the ETIDIST Distributor is started externally.
*** WARNING – EMS DISTRIBUTOR IS DEFIEND BUT EMS-LOGGING IS OFF ***	**New in BackHome V6.** In LOCAL-IDENTIFICATION define, EMS-LOGGING is defined "NO", but START-PROCESS define with TYPE "DISTRIBUTOR" is defined. BackHome will NOT start the ETIDIST Distributor defined in the START-PROCESS.
*** WARNING - ONLY THE FIRST 30 COMPLETION CODES ARE ACCEPTED ***	In LOCAL-IDENTIFICATION define, NORMAL-IO-COMPLETION-CODES attributes specify too many completions codes.

BackHome for TMF – ETMFINT User Messages

These user messages are generated by ETMFINT User Interface module.

> *NOTE:* *ETMFINT also logs messages to BCOM Log file or to EMS log. These messages are listed in the previous BackHome for TMF Messages sub-section.*

Message	Explanation
CANNOT ALTER CURR-STATUS TO RMT-TND tape WITHOUT SETTING RMT-VOLUMES	The user issues the 'ALTER TAPEMEDIA' command. The current setting of the tapemedia's CURR-STATUS attributes is RMT-TND tape, but the RMT-VOLUMES attribute is not currently set. **Explanation:** Please use the 'SET TAPEMEDIA' command to set the value of IBM-VOLUMES attribute, then re-issue the 'ALTER TAPEMEDIA' command.
CANNOT ALTER CURR-STATUS TO RMT-TND tape WITHOUT SETTING RMT-TAPE-DSN	**Obsolete in V6.0.** The user issues the 'ALTER TAPEMEDIA' command. The current setting of the tapemedia's CURR-STATUS attributes is RMT-TND tape, but the RMT-TAPE-DSN attribute is not currently set. **Explanation:** Please use the 'SET TAPEMEDIA' command to set the value of IBM-VOLUMES attribute, then re-issue the 'ALTER TAPEMEDIA' command.
CONFIG RECORD IS ALREADY SET, USE DELETE OR ALTER TO CHANGE THE VALUES	The user tries to add the already defined CONFIG record to BCOMTBE.
CONFIG RECORD IS ALTERED	Confirmation message that the content of CONFIG record has been altered.
CONFIG RECORD IS DELETED	Confirmation message that the CONFIG record is now removed from BCOMTBE.
CONFIG RECORD IS NOT DEFINED	ALTER CONFIG command was issued but the CONFIG record was not defined in the BCOMTBE.
CONFIG RECORD WAS ADDED TO <filename>	Confirmation message that the CONFIG record is now added to BCOMTBE where *<filename>* is the BCOMTBE filename.
COPY n HAS NOT BEEN DEFINED	The user issued the ADD COPY n1, LIKE COPY n2 command, but COPY n2 record has not been defined in BCOMTBE.
COPY n IS ADDED	Confirmation message that the COPY record n is now added to BCOMTBE.
COPY n IS ALREADY DEFINED	The user tries to add an already defined COPY record to BCOMTBE.
COPY n IS DELETED	Confirmation message that the COPY record n is now removed from BCOMTBE.
COPY n IS NOT DEFINED	The user specifies a COPY number (1 or 2), but the record for that COPY is not defined in the BCOMTBE.

Message	Explanation
CORRECT MOUNT COMMAND'S SYNTAX IS: 'MOUNT <volume>, <process-name>'	The user enters an incorrect MOUNT command.
ERROR, BCOMTBE IS NOT SPECIFIED	BCOMTBE file name was not specified at startup time. ETMFINT will abort.
ERROR 'FC' RESERVED FOR INTERACTIVE USAGE ONLY	The user issues the FC command while not in interactive mode.
ERROR, FILE NAME NOT ENTERED	The user issues an OBEY command but omits the OBEY filename.
ERROR, ILLEGAL BCOMTBE NAME SPECIFIED	BCOMTBE file name specified at startup is syntactically incorrect. ETMFINT will abort.
ERROR, ILLEGAL FILENAME SPECIFIED	The user issues an OBEY command with a syntactically invalid filename.
ERRORL: PROCESS NAME IS INUSED	The ETMF process name specified in the MOUNT command refers to an existing process. Please choose a non-existing process name.
ILLEGAL SYNTAX	The user enters a syntactically incorrect command. **Explanation:** Type 'HELP' for a list of valid commands. Or 'HELP <command>' for the syntax of a particular command. **Example:** HELP ADD HELP INFO
INVALID ATTRIBUTE(S) FOR REMOTE-BCOM-SERVER DETECTED	Invalid remote attributes have been set for remote BCOM server.
INVALID ATTRIBUTE(S) FOR REMOTE-TSM-SERVER DETECTED	Invalid remote attributes have been set for remote Tivoli Storage Manager server.
INVALID COPY NUMBER	The user enters an invalid COPY number. Valid values are 1 or 2.
INVALID OPTION VALUE	The user enters a 'SET COPY' or 'SET TAPEMEDIA' but with an invalid SET option value. Type 'HELP SET' for a list of valid SET options.

INVALID PROCESS NAME	The user enters a syntactically invalid process name.
	Explanation: Valid process name must conform to Guardian syntax for process name, which is one of the following forms:
	      $<process-name> or
	      \<node-name>.$<process-name>

INVALID REMOTE FILE NAME	When setting COPY record fields, the Remote file name is syntactically invalid.
INVALID SET OPTION	The user enters a 'SET COPY' or 'SET TAPEMEDIA' but with an invalid SET option. Type 'HELP SET' for a list of valid SET options.
INVALID VOLUME NAME	The user enters an invalid tapemedia volume name.
MISSING OR INCORRECT TACL DEFINEs FOR STARTING <process-name>	**Obsolete in V6.0.** The ETMFINT session is started without required TACL DEFINEs needed to start up a ESNOOP process. Where the <process-name> is the name an ESNOOP process specified in the MOUNT command.
MOUNT COMMAND FOR <tapevol> SETUP ON <process-name>	**New in V6.0.** The ETMFINT MOUNT command has started ETMF process <proc-name> for tapevolume <tape-vol>.

Message	Explanation
MUST BE 'ADD COPY', 'ADD TAPEMEDIA', 'ADD PROCESS' OR 'ADD CONFIG'	The user enters an ADD command, but not with any one of the mentioned options.
MUST BE 'ALTER TAPEMEDIA', 'ALTER PROCESS' OR 'ALTER CONFIG'	The user enters an ALTER command, but not with any one of the mentioned options.
MUST BE 'DELETE COPY', 'DELETE TAPEMEDIA', 'DELETE PROCESS' OR 'DELETE CONFIG'	The user enters a DELETE command, but not with any one of the mentioned options.
MUST BE 'INFO COPY', 'INFO TAPEMEDIA', 'INFO PROCESS' OR 'INFO CONFIG'	The user enters an INFO command, but not with any one of the mentioned options.
MUST BE 'RESET COPY', 'RESET TAPEMEDIA', 'RESET PROCESS' OR 'RESET CONFIG'	The user enters a RESET command, but not with any one of the mentioned options.
MUST BE 'SET COPY', 'SET TAPEMEDIA', 'SET PROCESS' OR 'SET CONFIG'	The user enters a SET command, but not with any one of the mentioned options.
MUST BE 'SHOW COPY', 'SHOW TAPEMEDIA', 'SHOW PROCESS' OR 'SHOW CONFIG'	The user enters a SHOW command, but not with any one of the mentioned options.
MUST RESET ATTRIBUTE n BEFORE RESETTING THIS ATTRIBUTE	The user cannot RESET a LOCAL ATTRIBUTE or REMOTE ATTRIBUTE while the one next to it is set. **Example:** The user cannot reset the SF-RATTR03 while the SF-RATTR04 is set.
MUST RESET ATTRIBUTES n1-n2 BEFORE RESETTING THIS ATTRIBUTE.	The user cannot RESET a LOCAL ATTRIBUTE or REMOTE ATTRIBUTE while those after it (i.e. attributes n1 to n2) are not reset. **Example:** The user cannot reset the SF-RATTR02 while RF-ATTR03 to RF-ATTR05 are not reset.
NO CONFIG RECORD DEFINED	The user applies an action to the CONFIG record, but there is no CONFIG record in the BCOMTBE.
NO PROCESS DEFINED	The user issues an 'INFO PROCESS *' command while there is not any PROCESS record defined in the BCOMTBE.
NO TAPEMEDIA DEFINED	The user issues an 'INFO TAPEMEDIA *' command while there is not any TAPEMEDIA record defined in the BCOMTBE.

ONE (OR SOME) OF THE FOLLOWING REQUIRED ATTRIBUTES ARE MISSING:
  BCOM MONITOR   DESTINATION   LOCAL-LOC
  REMOTE-LOC   REMOTE-FILE
	The user must set all of the above COPY attributes before he can issue the 'ADD COPY' command.

ONE (or SOME) OF THE FOLLOWING REQUIRED ATTRIBUTES ARE MISSING:
  BFSINT-LOGGER   BFSINT-OBJECT   ETMF-PREFIX
  ETMF-OBJECT   TACLNOTFn
	New in V6.0.
	The user must set all of the above CONFIGattributes before he can issue the 'ADD CONFIG' command.

ONLY ALLOWED 4 LEVELS OF OBEY NESTING	The user issues more than four levels of OBEY commands nesting.
ONLY SUPER.SUPER CAN ISSUE 'MOUNT' COMMAND.	**New in V6.0.** Only SUPER.SUPER iuser can issue MOUNT command.
PLEASE SET ATTRIBUTE n BEFORE SETTING THIS ATTRIBUTE	The user cannot SET a LOCAL ATTRIBUTE or REMOTE ATTRIBUTE while the one before it is not set. **Example:** The user cannot set the SF-RATTR03 if the SF-RATTR02 is not set.

Message	Explanation
PLEASE SET ATTRIBUTES n1-n2 BEFORE SETTING THIS ATTRIBUTE	The user cannot SET a LOCAL ATTRIBUTE or REMOTE ATTRIBUTE while those before it (i.e. attributes n1 to n2) are not set. **Example:** The user cannot set the SF-RATTR04 if the SF-RATTR02 to SF-RATTR03 are not set.
PROCESS xxxxxxxx IS ADDED	Confirmation message that the PROCESS record xxxxxxxx is now added to BCOMTBE.
PROCESS xxxxxxxx IS ALREADY DEFINED	The user tries to add an already defined PROCESS record to BCOMTBE.
PROCESS xxxxxxxx IS ALTERED	Confirmation message that the content of PROCESS record xxxxxxxx has been altered. **Explanation:** Please note that there is only one alterable option for this type of record, which is TIMEOUT-VALUE. The value, which ETMFINT uses for updating this record, is either the one specified in this ALTER command, or the one already set before by SET command.
PROCESS xxxxxxxx IS DELETED	Confirmation message that the PROCESS record xxxxxxxx is now removed from BCOMTBE.
PROCESS xxxxxxxx IS NOT DEFINED	The user specifies PROCESS xxxxxxxx but the record for that PROCESS is not defined in the BCOMTBE.
TAPEMEDIA xxxxxx IS ADDED	Confirmation message that the TAPEMEDIA record xxxxxx is now added to BCOMTBE.
TAPEMEDIA xxxxxx IS ALREADY DEFINED	The user tries to add an already defined TAPEMEDIA record to BCOMTBE.
TAPEMEDIA xxxxxx IS ALTERED	Confirmation message that the content of TAPEMEDIA record xxxxxx has been altered. (The values, which ETMFINT process uses for altering this record, are those currently set by the SET commands)
TAPEMEDIA xxxxxx IS DELETED	Confirmation message that the TAPEMEDIA record xxxxxx is now removed from BCOMTBE.
TAPEMEDIA xxxxxx IS NOT DEFINED	The user specifies TAPEMEDIA xxxxxx but the record for that TAPEMEDIA is not defined in the BCOMTBE.
TAPEVOLUME xxxxxx IS NOT REGISTERED IN BACKHOME.	**New in V6.0.** The user specifies TAPEMEDIA xxxxxx for MOUNT but the record for that TAPEMEDIA is not defined in the BCOMTBE.
THE LOGGER MUST BE INITIALIZED TO THE PROCESS NAME OF BCOM LOGGER	The user issues an ADD CONFIG command while the LOGGER attribute is not yet set.
THERE IS NO TAPEMEDIA SETTING	SET TAPEMEDIA command(s) must be used to set new tapemedia value(s) before the ALTER TAPEMEDIA command can be issued.
TOO MANY TSM ATTRIBUTES SPECIFIED	When setting COPY record's fields, only 10 SF-ATTR attributes can be specified for TSM option, including the FSTYPE attribute. If this FSTYPE attribute is not specified by the user, only 9 SF-ATTR attributes can be specified.

Message	Explanation
UNKNOWN COMMAND	An unknown command to ETMFINT process was entered. Type HELP (or H) at the ~ prompt for the list of valid commands.
USER <user-ID> SUCCESSFULLY MOUNT <tape-ID> ON <procname>.	ETMFINT has successfully started an ETMF process *<procname>* to service the SNOOP's RESTOREAUDIT command. *<tape-ID>* is the AUDITDUMP tapemedia to be used.
YOU ARE NOT AUTHORIZED TO USE THIS COMMAND	The user is not authorized to use this command. **Explanation:** For security reason, only Guardian users in SUPER group are allowed to use commands, which could change the BCOMTBE database. They are: ADD ALTER DELETE

Multi-platforms Messages

Currently, only BCOM EP generates the same message IDs for different platforms.

BCOM EP Messages

These messages are generated by BCOM-EP modules (both from NSK and MVS).

For non-EMS logging, the 5-digit Identification number is shown at the beginning of the message text.

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
12529	5511	Directory services is not available, process abended	All	NSK	Internal error or Usage error. Error occurred during registering of the object in Directory Services. Directory Services is not running. Error returned by Guardian procedure FILE_OPEN_ on Directory Services process.	1 .Make sure Directory Services is started 2 Refer to *Guardian Procedure Calls Reference Manual* for more info on the procedure FILE_OPEN_.
14000		Error <error> opening resource database	All	MVS / NSK	Usage error. An error occurred when opening the Resource Database file. <error> is the error number returned	Check if Resource files exist and refer to BCELOG file for error value and reason. For OS390: Verify the BCOM Startup JCL and make sure that BCR00 and BCX00 DD statement refer to the files provided by ETI-NET.
16003	380	Request <request> successful, start-time <start-time>, end-time <end-time>, records <RCRDS>	Client Child	NSK	Information Only. The request has terminated successfully and displays start time and date, the end time and date, the number of records transferred. <request> - the request name, <start-time> - the start time and date <end-time> - the end time and date <RCRDS> - the number of records transferred	None

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
16004	381	Request <request> unsuccessful, start-time <start-time>, end-time <end-time>, reason <error>	Client Child	NSK	The request has terminated unsuccessfully with an error reason. <request> - the request name, <start-time> - the start time and date, <end-time> - the end time and date, <error> - the error reason of failure	Refer to reason for more explanations
16011	542	User Exit [<INFO>], User Message : <text>	BCCLT, BCSCT	NSK	Information only. The user exit routine logs some user data to the log file.	None
16012	546	User Exit [<INFO>] rejects request <request>	BCCCT, BCSCT	NSK	Information only. The user exit has rejected the mentioned request because of security reason.	None
16013	544	User Exit [<INFO>], Tandem file <file1> has been changed to <file2>	BCCCT, BCSCT	NSK	Information only. The user exit routine has changed the Tandem file location.	None
16014	2558	Request <request>, number of records skipped <number>	BCCCT	NSK	Information only	None
16015	2557	Request <request>, number of records changed <number>	BCCCT	NSK	Information only	None
16016	582	Invalid exit routine number <number>	BCCCT, BCSCT	NSK	Information only	None
16017	543	Invalid return code, return code <NUMBER>, from exit routine <INFO>	BCCCT, BCSCT	NSK	Information only	None
16250		Subtask B62FIO ended normally	Client child, Server child	MVS	Information Only. Message indicates that B62FIO subtask has ended normally	None
16251		Subtask B62FIO ended abnormally. Abend code <ABEND>	Client child, Server child	MVS	Usage error. Notification message indicating that B62FIO subtask ended abnormally. An ABEND occurred. <ABEND> - Abnormal end code	Refer to MVS documentation for messages and codes for more info (the *MVS Specific – ABEND Codes* section in this document - or *OS/390 MVS System messages*).

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
16254		Subtask B62FIO ended abnormally, aborted; Child has abended	Client child, Server child	MVS	Information only. Notification message indicating that B62FIO subtask ended abnormally. Abort Client Process command has been executed. Child has abended but normally, because of the Abort Command.	None
16255	2603	Received CONTROLBUF with unknown code, code <code>	BCCCT	NSK	Internal error. The Tandem Client received an unknown CONTROLBUF from the ETI Print Process, <code> = Unknown CONTROLBUF code	Please contact ETI-NET Support.
16256	527	Print Process <PROCESS> <INFO> <DETAIL>	Client Child	NSK	Internal error. The ETI NET Print process has abnormally CLOSE the client child,	Please contact ETI-NET Support.
16257	5520	<request> failed because error <error> occurred on <filename>	Server, Server Child	NSK	Usage error. Error occurred when server child has tried to allocate the local file (Remote file in the request definition). File does not exist or file type is unknown. <request> - Request Name, <error> - Error value, <filename> - File Name	Check the request definition for the Remote File name or verify the type of this file.
16258	2576	PRINTX – DATA MESSAGE RECEIVED, EXPECTING CONTROLBUF MESSAGE	BCCCT	NSK	Internal error. For a PRINTX job, the client child expected a CONTROLBUF message but it has received a data buffer instead.	Please contact ETI-NET Support.
16263		Error during cancel operation for output writer : error <error>, <text>	BCUT	MVS	Internal Error. Error occurred during call of function to cancel operation for output writer when an abend has occurred. <error> - the error occurred <text> - text match	Please contact ETI-NET Support.

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
16265	2114	request <request> - queue user-Id <user-ID1> does not match io/proces access-Id <user-ID2>	Server child	NSK	When Security is ON (i.e. SECLEVEL = 10), the ownership of the IO process must be the one who queues the request. If they are different, this message is generated. <request> - Request Name, <user-ID1> - queue user-ID, <user-ID2> - IO process access-ID	None. The Server Child process will retry to start the IO process with the correct owner again (up to 3 times). Note: BCOM-APPC (BFSMON and BFSSER9X)) will report event 2113 instead of 2114.
16500	5514	Server received unknown message for request <request> , message id <BCF>	Server child	All	Data corruption during Network transmission. Internal error. Message indicating that Server child session received an unknown message for a request and the session has been stopped. <request> - Request Name, <BCF> - Message ID	Please contact ETI-NET Support.
16501	380	Request <request> successful, start-time <start-time>, end-time <end-time>,records <RCRDS>	Server Child	NSK	Information Only. The request is terminated successfully and the message displays start time and date, the end time and date, the number of records transferred. <request> - Request Name, <start-time> - Request start date and time, <end-time> - Request end date and time, <RCRDS> - Number of records transferred	None
16502	381	Request <request> unsuccessful,start-time <start-time>,end-time <end-time>,reason <error>	Server Child	NSK	Internal and Usage error. The request is terminated unsuccessfully and reason is displayed. <request> - Request Name, <start-time> - Request start date and time, <end-time> - Request end date and time, <error> - Error Reason Value	Refer to Error reason code for more explanations. Contact ETI-NET Support.

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
16507	2182	Remote command: <request>, rejected - <reason>	Child Server	All	Usage error. Server received negative response from BMON about remote queue command. <request> - name of the request supposed to be queued. <reason> - reason why execution of the request was refused	Refer to reason for more explanations.
16508	5521	MAXRQST reached - Request <request> will be executed later	Server child	All	Warning. Execution of the request delayed because Server MAXRQST value was reached	Wait until the request will start. It is possible to increase the Server MAXRQST value to prevent the delay.
16510	583	Local location <LLOC> of server mismatches with the requestor remote location <RLOC>	Server child	All	Server cannot accept connection because its local location name mismatches the requestor remote location name	Check configuration on both sides (requestor and server). The server local location has to match the requestor remote location.
16511	5524	<request> is duplicated, inactive sessions will be aborted	BCSCT, BCUT	All	Network failure occurred on a server session and was not detected by BCOM. The request is re-executed on another session. The BCOM server will abort the inactive session of the failed first execution.	None
16752		Error <error> occurred during Listener Termination	BCSRT		Internal error. An error occurred during dispatch post event for the termination of the listener endpoint. <error> - Error value	Contact ETI-NET Support.
16753		Invalid TCP/IP End Point	BCSET	MVS / NSK	Usage error. The name of the TCP/IP End Point is not valid	Verify the End Point name into BCOM Configuration File
17007	5512	Process is already stopping	Client, Server	All	Warning message indicating that command DRAIN process (Server or Client) is not available because the process is already in stop state	Wait until the process stops
17012	5513	The process is stopping. Command Warmstart is not available	Client	All	Warning message indicating that command WARMSTART is not available because the process (Client or Server) is in stop mode and can not be warm started.	To start again the process, wait until it will be terminated, than use the command START.

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
17750	5501	Trap error for <filename> <line>,error <error>, info <info>, <text>	Client, Client child, Server, Server child	All	Internal or Usage error. Trap error handler has been invoked when error occurred. Process will terminate. Message will show the source file, line, error value, info and text continuing error description. Applying in all general modules: Client, Server, Client child, and Server child. <filename> - File name where error occurred, <line> - Line number into file, <error> - error value (Resource ID), <info> - info value, <text> - Message text concerning the error	Contact ETI-NET Support.
17751	501	<process> cannot be started - must be a named process	Client, Server	NSK	Usage error. The process can not be started because it is not named. <process> - Process Name	Refer to Configuration file to specify the good keyword for the named process
17752	14	ETI-NET <procname> Version <version> (<verdate>), Copyright ETI-NET <year>	Client, Server	NSK	Information Only. ETI-NET Copyright information: <progname> - ETI-NET program name, <version> - Version of the release, <verdate> - Product version date, <year> - Copyright year.	None
17753	530	Location <LLOC> running a different version <version>	Server Child	MVS / NSK	Information Only. Local application runs a different but compatible version with the remote partner. <LLOC> - Local location name, <version> - release version for the remote partner	None. Refer to Configuration file to verify local location and version if needed.
17754	10	Session established on <child> with remote location <RLOC>	Client child, Server child	All	Information Only. Message indicating that session has been successfully connected with the remote partner location. <child> - Child name, <RLOC> - Remote location name	None

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
17755	15	Local location <LLOC> connected with network <NODEID>	Client Child	MVS / NSK	Information Only. The local location has been successfully connected with the remote network. <LLOC> - Local location, <NODEID> - Remote Network name	None
17757	529	Location <LLOC> incompatible version <version>	Client Child, Server Child	MVS / NSK	Usage error. Local application runs a different version, incompatible with the remote partner. <LLOC> - Local location, <version> - Release version for the remote partner	Refer to Configuration file to verify local location and version
17758	2004	Transfer setup request <request> - type <type>	Client Child	MVS / NSK	Information Only. The request of this type has been transferred to the remote partner. <request> - Request name, <type> - Type of the request (such as Send-File, Remote-Queue, etc.)	None
17759	2593	Opened by process <process> for <request>, access flag <flag>	BCCCT, BCCLT, BCSCT	NSK	Information Only. The IO or Print process issued an open for a request or print job with an access mode. <process> - Process Name, <request> - Request Name, <flag> - Access mode flag	None
17760	2110	Request <request> will be processed with max block <MAXBLOCK> <PARAMS>	BCCCT, BCSCT	MVS/ NSK	Information Only. For the mentioned request, information about maximum block size and compression and/or encryption information. <request> - Request Name, <MAXBLOCK> - Maximum block size that a buffer could have for a transfer, <PARAMS> - Additional parameter	None

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
17761	2504	Closed by process <IOPROCESS> for <request>	BCCCT, BCCLT, BCSCT	NSK	Information Only. The IO process issued a CLOSE for the request. <IOPROCESS> - IO process Name, <request> - Request Name	None
17762	2111	Request <request> record count <RECCOUNT>, wait <WAITCOUNT> <PARAMS>	BCSCT	MVS/ NSK	Information Only. For the mentioned request, the information about record count, wait count and the name of the IO process file name. <request> - Request name queued, <RECCOUNT> - Number of records count for the transfer, <WAITCOUNT> - wait count, <PARAMS> - IO process file	None
17763	2112	Request <request> uncompressed <UNCOMPCOUNT>, compressed <COMPCOUNT>, compression <COMPPERCENT>%	BCSCT	MVS/ NSK	Information Only. For the mentioned request, the information about uncompressed bytes, compressed bytes and the compression percentage. <request> - Request name queued, <UNCOMPCOUNT> - Number of uncompressed bytes, <COMPCOUNT> - Number of compressed bytes <COMPPERCENT> - compression percentage.	None
17766	2017	Request <request> fails at initialization - <BCF>	Client Child	MVS / NSK	Internal or Usage Error	
17767	2095	Request <request> fails at initialization - <BCF>, code <code>	Client Child	MVS / NSK	Internal or Usage error. Trap error handler has been invoked when error occurred. Process will terminate. Message will show the source file, line, error value, info and text continuing error description. Applying in all general modules: Client, Server, Client Child, Server Child.	Refer to MVS documentation for messages and codes for more info (the *MVS Specific – ABEND Codes* section in this document - or *OS/390 MVS System messages*). Verify the request definition. Contact ETI-NET Support.
17768	2066	Request owner is not found on remote security table	Client Child	MVS / NSK	Usage Error. The request failed during the remote file allocation because the user who executed the request was not found into the remote security table	Refer to security in the BCOM Configuration File. Contact ETI-NET Support.

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
17769	2068	Possible breach of security; remote subtask abend	Client Child	MVS / NSK	Usage Error. The request failed during the remote file allocation because of a breach of security.	Refer to BCOM Documentation about Security. Contact ETI-NET Support.
17771	2047	Request <request> fails at open - <BCF>	Client Child	MVS / NSK	Internal or Usage error. The request failed during the remote file opening; reason is displayed. <request> - Request name queued, <BCF> - Reason of the failure.	Refer to the reason for more explanations. Verify the request definition. Contact ETI-NET Support.
17772	2096	Request <request> fails at open - <BCF>, code <code>	Client Child	MVS / NSK	Internal or Usage error. The request failed during remote file opening; reason and Abend code error are displayed. <request> - Request name queued, <BCF> - Reason of the failure, <code> - Error code or ABEND	Refer to MVS documentation for messages and codes for more info (the *MVS Specific – ABEND Codes* section in this document - or *OS/390 MVS System messages*). Verify the request definition. Contact ETI-NET Support.
17773	2028	Request <request> fails at open - unknown return code - <BCF>	Client Child	MVS / NSK	Internal or Usage error. The request failed during the remote file opening; reason is displayed but not the Abend code. <request> - Request name queued, <BCF> - Reason of the failure	Refer to the reason for more explanations. Verify the request definition. Contact ETI-NET Support.
17774	2101	Request <request> fails during data transfer - <BCF>	BCCCT	MVS / NSK	Internal or Usage error. For the mentioned request, an error occurred during data transfer. <request> - Request name queued, <BCF> - Reason of the failure	Refer to the reason for more explanations. Verify the request definition. Contact ETI-NET Support.
17775	2098	Request <request> fails during data transfer - <BCF>, code <code>	Client Child	MVS / NSK	Internal or Usage error. Request failed during data transfer because remote IO process abended; reason and Abend code error are displayed. <request> - Request name queued, <BCF> - Reason of the failure, <code> - Error code or ABEND	Refer to MVS documentation for messages and codes for more info (the *MVS Specific – ABEND Codes* section in this document - or *OS/390 MVS System messages*). Verify the request definition. Contact ETI-NET Support.

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
17776	2033	Request <request> fails during data transfer - unknown return code - <BCF>	Client Child	MVS / NSK	Internal or Usage error. The request failed during the transfer of the data; reason is displayed but not the Abend code. <request> - Request name queued, <BCF> - Reason of the failure	Refer to the reason for more explanations. Verify the request definition. Contact ETI-NET Support.
17777	2099	Request <request> fails at close - <BCF>	BCCCT, BCSCT	MVS / NSK	Internal or Usage error. The mentioned request encounters an error during close. <request> - Request name queued, <BCF> - Reason of the failure	Refer to the reason for more explanations. Verify the request definition. Contact ETI-NET Support.
17778	2097	Request <request> fails at close - <BCF>, code <code>	Client Child	MVS / NSK	Internal or Usage error. Request failed during remote close because remote IO process abended; reason and Abend code error are displayed. <request> - Request name queued, <BCF> - Reason of the failure, <code> - Error code or ABEND	Refer to MVS documentation for messages and codes for more info (the *MVS Specific – ABEND Codes* section in this document - or *OS/390 MVS System messages*). Verify the request definition. Contact ETI-NET Support.
17779	2037	Request <request> fails at close - unknown return code - <BCF>	Client Child	MVS / NSK	Internal or Usage error. The request failed during the remote file closing; reason is displayed but not the Abend code. <request> - Request name queued, <BCF> - Reason of the failure	Refer to the reason for more explanations. Verify the request definition. Contact ETI-NET Support.
17780	2100	Remote request <request> rejected - <BCF>	BCCCT	MVS / NSK	Internal or Usage error. The remote request has been rejected because of the mentioned reason. <request> - Request name queued, <BCF> - Reason of the failure	Refer to the reason for more explanations. Verify the request definition. Contact ETI-NET Support.

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
17781	2085	Remote request <request> fails - unknown return code - <BCF>	Client Child	MVS / NSK	Internal or Usage error. The Remote Queue request fails; reason is displayed but not the Abend code. <request> - Request name queued, <BCF> - Reason of the failure	Refer to the reason for more explanations. Verify the request definition. Contact ETI-NET Support.
17782	6004	Request <request> terminated abnormally - <procname> abended due to an error in decompression	Client child, Server child	All	Internal error. Decompression error occurred during execution of the request. <request> - Request name queued, <procname> - Process file name	Contact ETI-NET Support.
17783	2585	Record length too long <len>, truncated	BCCCT, BCSCT	NSK	Information Only. The record length for the structure file is greater than 4072 bytes; the record will be truncated. <len> - Record length value	None
17809	2599	Reply error <error> sent to <procname>	All	NSK	A error is encountered when performing REPLYX to <*procname*>. <error> - Error value, <procname> - Process name	Refer to *Guardian Procedure Errors And Messages* MANUAL for more detail about the REPLYX procedure and its reply code.
17810	4000	<function> error on <filename>, <error>	Client, Client child, Server, Server child	NSK	An error is encountered when issuing a Guardian Procedure Call. <function> - Guardian procedure call, <filename> - File name, <error> - Error value	Refer to *Guardian Procedure Calls Reference Manual* for more detail about the procedure and its appropriate error.
17818	4008	Reset sync message received. Sync-id was reset	Client, Client child, Server, Server child	NSK	A RESETSYNC system message was received.	None

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
17819	4009	Received an unknown system message <msg>	Client, Client child, Server, Server child	NSK	An unexpected system message was received. <msg> - Message received by system	None
17820	13	Retry on <endpoint> to connect with remote location <RLOC> retry number <retry>, max retry <maxretry> next interval in <interval> minutes	Client child	All	Information Only. Lost connection between Client and Server sessions occurred. A retry will be performed. <endpoint> - Endpoint name, <RLOC> - Remote location name, <retry> - Number of retry done, <maxretry> - Maximum of retry that could be done, <interval> - laps of time to pass before the retry.	None
17826	2075	Receive remote queue request from partner	Client Parent, Server Parent	MVS / NSK	Information Only. The Remote Queue request has been received from the remote partner	None
17828	2084	Request <request> - checksum error	Server Child	MVS NSK	Internal error. The server has noticed a checksum error with this request. <request> - Request name queued	Please contact ETI-NET Support.
17839	565	Local location <LLOC> unable connect to remote partner	Server Child	MVS / NSK	Usage error. The local location name is different from the remote location name of the remote partner. <LLOC> - The name of the local location name	Make sure the local location name in the local config file is the same as the remote location name in the remote config file.
17843	2565	Error <error> encountered during message 68 processing for <request>	BCSCT	NSK	Internal error. There is an error while building the file allocation message response for a request. <error> - the error encountered, <request> - the request name	Please contact ETI-NET Support.
17844		BCIo request status info is not initialized	Client Child		Internal error. The requestStatus structure of the BCIO component is not initialized	Please contact ETI-NET Support.

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
17849	5502	Communication Error <error> has been encountered	Client Child, Server Child	All	Usage error. A communication error has been detected. <error> - the communication error number	Refer to the error code description in section Communication Error Code Descriptions for more details.
17850	2591	Error - illegal record Length	BCCCT	NSK	Internal error. The length of the Handshake response is bigger than expected.	Please contact ETI-NET Support.
17851	5519	Session <session> has reached the idle Timeout	Client child	All	Information only. There was no activity in that session for more than specified idle timeout. The session will be terminated.	Refer to configuration file to change the idle timeout. Endpoint = (name, x, y, z, t) where t is the idle timeout value in minutes.
17852	5504	Unable to start child, err <error>, info <info>, <text>	Server, Client	All	Internal error. Error encountered while trying to start the child. <error>-s the error number, <info> - the detail information about the error number, <text> - the additional text	Please contact ETI-NET Support.
17853	5505	Unable to listen on <EPNAME>, err <error>, info <info>, <text>	Server,	All	Internal error. Error encountered while trying to listen to an Endpoint. <EPNAME> - The name of the end point, <error>- The error number, <info> - The detail information about the error number, <text> - The additional text	Please contact ETI-NET Support.
17854	5506	Unable to warmstart child <ChildID>, error <error>	Client	All	Internal error. Error encountered while trying to warmstart a child process. <ChildID> - The process name of the child being warmstarted, <error> - The error number	Please contact ETI-NET Support.
17857	5509	Process trapped, trap number <trap>, <text>	Client, Client child, Server, Server child	NSK	Internal error. The process was trapped. <trap> - The Guardian trap number, <text> - The description of the trap	Please contact ETI-NET Support.

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
17858	5503	Can not open child, child name <text>, error <error>	Client	NSK	Internal error. Error occurred while opening the child. <text> - The process name of the child, <error> - The error number returned from Guardian procedure FILE_OPEN_	Refer to *Guardian Procedure Calls Reference Manual* for more information on the procedure FILE_OPEN_
17860	5516	Request <request> cannot be found	Client	All	Usage error. The request name can not be found. <request> - the name of the request	Make sure the request is defined and try again.
17861	5517	Request <request> cannot be aborted	Client	All	Internal error. Error encountered while aborting the request. The reason could be one of the following: 1. Too many outstanding messages on $RECEIVE; 2. No more buffer for IPC; 3. WRITEREADX error. <request> - The request name	Please contact ETI-NET Support.
17862	5518	Session rejected, maximum number of sessions <INFO> has been reached	Server	All	Information only. The maximum sessions defined for this server has been reached.	Refer to the configuration file to change the maximum session for a server. Endpoint = (name, n) where n is maximum number of server sessions.
17864	5515	WARNING, PRINT is not allowed for client with multiple remote locations	Client	All	Usage error. A client with multiple remote location is not allowed to do print	Use a different client or re-configure the client so that it only has one remote location.
17865	22	Session established on <childID> with remote partner	Server Child	MVS / NSK	Information only. A session has been established for a local child. <childID> - The process name of the child	None
17871	6521	<function> error	BCCCT, BCCLT, BCSCT, BCSET	NSK	Internal error. The Guardian procedure specified in <*function*> field returned an error.	Please contact ETI-NET support.

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
17872	6522	<function> error <error>	BCCCT, BCCLT, BCSCT, BCSET	NSK	Internal error. The Guardian procedure specified in <function> field returned an error specified in <error> field.	Refer to *Guardian Procedure Calls Reference Manual* for more detail on this procedure. If the problem cannot be resolved then contact ETI-NET Support.
17873	6523	<function> error <error>, detail <DETAIL>	BCCCT, BCCLT, BCSCT, BCSET	NSK	Internal error. The Guardian procedure specified in <function> field returned a detail error. Error specified in <error> field and detail of this error specified in <DETAIL> field.	Refer to *Guardian Procedure Calls Reference Manual* for more detail on this procedure. If the problem cannot be resolved then contact ETI-NET Support.
17874	4001	<function> error on device <device>, <error>	BCCCT	NSK	Internal error. The Guardian procedure specified in <function> on specific device <device> returned an error <error>.	Refer to *Guardian Procedure Calls Reference Manual* for more detail on this procedure. If the problem cannot be resolved then contact ETI-NET Support.
17876	6519	<defproc> error <error>, DEFINE-NAME <defname>	BCCCT, BCCLT, BCSCT, BCSET	NSK	Internal error. The guardian procedure specified in <defproc> returned an error <error> when trying to execute <defname>.	Refer to *Guardian Procedure Calls Reference Manual* for more detail on this procedure. If the problem cannot be resolved then contact ETI-NET Support.
17877	18	Monitor <procname> is down - stopping myself	BCCLT, BCSET	NSK	Information only. The parent detects that the BMON is down. <procname> - The BMON process name.	None.
17878	5522	Request <request> - Invalid local Data block	BCCCT, BCSCT, BCUT	NSK, OS/390	Internal Error. A data block produced locally has been identified as invalid. The invalid data block has been dumped to the BCELOG.	Please contact ETI-NET Support.
17879	5523	Request <request> - Invalid remote Data block	BCCCT, BCSCT, BCUT	NSK, OS/390	Internal error or Data corruption error. The invalid block has been dumped to the BCELOG.	Please contact ETI-NET Support.
17880	2611	Print request rejected, no available session	BCCLT, BCUT	MVS / NSK	Client process is not connected with the remote BCOM server or all sessions are in use.	Make sure the client process is connected. Make sure the number of sessions is greater than or equal to the number of SPOOLCOM print devices.

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
17881	2612	Invalid print program - Please use ETINET's BEPSPOOL	BCCLT	Tandem	SPOOLCOM EP Print Process has to be BEPSPOOL, provided by ETI-NET.	Go in SPOOLCOM and reconfigure your print process and make sure it uses the BEPSPOOL program provided by ETI-NET.
17882	386	PRINT REQ from <PROC>, job #<JOBNUM> <name>, lines:<line>, for <request>	BCCCT	NSK	Extra info for PRINT request to help distinguish concurrent print requests.	None
17883	2019	Request <request> terminated abnormally during initialization - DUPLICATE REQUEST	BCUT, BSCT	All	BCOM Server rejected the execution of a new request since a request with the same was currently executing. This situation may shows up when the TCP/IP KEEPALIVE interval is set to high and BCOM have not been notified that server sessions and the request is not valid anymore since the TCPIP route has been lost.	Determine if the BCOM server sessions are still valid, and DROP any sessions which is not valid anymore. Then try to re-execute the request.
18769	2552	<procname> - <IOMSG>	BCSCT	NSK	Information only. The Server child receive a log message from IO process, this message will be logged into log file. <procname> - the IO process name. <IOMSG> - the text message from the IO process	None
18771	578	<procname> stopped, <IOname> COMP. CODE: <compcode>.	Server child.	NSK	IO process stops with <compcode> is the completion code.	This message is for information purpose only.
18772	579	<procname> abended, <IOname> COMP. CODE: <compcode>.	Server child.	NSK	IO process abends with <compcode> is the completion code.	This message is for information purpose only.
18773	580	TERM: <termcode>, <termtext>.	Server child.	NSK	IO process' termination code and text.	This message is for information purpose only.
18774	581	TERM BY <termcode>: <termtext>.	Server child	NSK	IO process termination code and text. (This IO process is terminated externally)	This message is for information purpose only.
19611	5525	CONVERTTIMESTAMP warning <reason> for <TIME>	Client	Tandem	Changing of the time related to the daylight saving time	Only warning

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
20000		Session has been disconnected	BCCCT, BCSCT, BM	All	A disconnect has been received from the remote partner. 1 BCOM Application has been stopped or abended on the remote system. 2 Remote system is not reachable due to network connectivity problem.	None
20023		The application is in an invalid state for the current call	Client child, Server, Server child		Internal error. The Endpoint is in an invalid state.	Please contact ETI-NET Support.
20025		An invalid argument was encountered	Server child, Client child, Server	MVS/ NSK	Internal error. Invalid argument has been passed to a function	Please contact ETI-NET Support.
20030		Endpoint cannot be allocated because of memory shortage	Server child Client child Server	MVS/ NSK	Internal error. Error occurred during allocation of new endpoint structure.	Please contact ETI-NET Support.
20034		A specific API option is not supported	Client child, Server, Server child	MVS/ NSK	Internal error. When requesting a disconnection there should not be any data.	Please contact ETI-NET Support.
20035		The provided endpoint name is not valid	Client child, Server, Server child	All	Usage error. End point name is not valid.	Make sure the end point name in the CONFIG file is defined correctly and try again.
20037		Invalid endpoint handle	Client child, Server, Server child	All	Internal error. The handle to an end point is invalid	Please contact ETI-NET Support.
20039		Buffer passed to receive data was too small. Data truncated	Client child, Server child	All	Internal error. Error message indicating that size of the buffer to receive data is not valid.	Please contact ETI-NET Support.
20041		A data buffer is bigger than the allowed limit	Client child, Server, Server child	All	Internal error. Error occurred during the disconnection process. Parameter of data size has to be 0.	Please contact ETI-NET Support.

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
20042		Endpoint API could not process signal received	Client child, Server, Server child	All	Internal error. Error message indicating that an unexpected disconnect signal has been received.	Please contact ETI-NET Support.
20043		The application is trying to listen with a name that is already listening	Server	All	Usage error. Error occurred during Server initialization when listener has to listen to the connection request on the endpoint. But this endpoint is already in use.	Please contact ETI-NET Support.
20045		Data buffer is empty	Client child, Server child	MVS	Internal error. Error occurred during the data validation before send data to remote partner. Buffer to send cannot be completely empty.	Please contact ETI-NET Support.
21404		Invalid Local IP Address		All	Error in the local IP address.	Check the file BMCONF for the local server IP address.
21406		Server Enpoint not found in the endpoint configuration file.	BCCCT, BM	All	Configuration error. A client endpoint refers to a server endpoint that is not found in the configuration file	Edit the EP configuration file, and review the endpoint definition. Make sure client endpoints refer to server endpoints which are defined in the SERVER SECTION
21432		An API BMReceive or BMSend was cancelled when the queue was closed.		All	User cancels the send or the receive.	None
21450		TCP/IP Initialization failed. Error: <error>	Client child, Server, Server child	MVS	Internal error. Error occurred during initialization of Socket interface. TCP/IP is not started or is not configured properly. Error value was returned by EZASMI function. <error> - The error number.	1. Verify if TCP/IP is started. 2. Verify TCP/IP Data Configuration File. 3. SYSTCPD statement is required for TCPIP Data Configuration File if it was not set by default. SYSTCPD DD DSN = 4. Refer to OS/390 eNetwork CS IP and SNA Codes about return from EZASMI.
21469		Read error <error> on <filename>: <MSGERROR>	BCCCT, BCSCT, BCSET, BM	All	Error reading the BCOM ENDPOINT configuration file, or unexpected end-of-file encountered. <error> - The error number, <filename> - The file name, <MSGERROR> - The error text	Refer to the error message for correction. Attempt to re-execute the BMCCFG program and pay attention to error messages.

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
21470		Unrecognised file format for EP configuration file.		All	Endpoint configuration file is not valid.	1. Make sure you specified a valid endpoint configuration file. For NSK double check the DEFINE for BCOM-EP-CONFIG, on OS390 double check the DD statement for BMCONFIG. 2. Try to re-generate the EP configuration file by running BMCCFG. Make sure there is no error. 3. Make sure the version of BCOM and BMCCFG are matching.
21471		Version mismatch. EP configuration file format is not supported by this release.		All	The endpoint configuration file is produced by a version of BMCCFG which is more recent than the BCOM software.	Re-gen the configuration file with a version of BMCCFG matching the level of the BCOM software
23255				All	Error opening the Pool Statistic file	Check configuration
28200	5526	Error opening BCOM encryption control file: <file-name>, error <err-num>.	Client child, Server child	MVS/NSK	The BCOM Encryption Control file does not exist or inaccessible.	Verify that the file exist then restart the process.
28201	5527	Error searching record for <location> from <file-name> (Trace:<text>)	Client child, Server child	MVS/NSK	The Client/Server cannot find its BCOM certificate record in the BCOM Encryption Control file.	Run the BCOM Certificate Manager to list the valid BCOM certificates. If the certificate does not exist, please create one. Otherwise, please contact ETI-NET Support immediately.
28202	5528	Error BBoxInitENCserver (importing private key) for <location> from <file-name> (Trace:<text>)	Client child, Server child	MVS/NSK	The Client/Server detects the KEY/PAIR for BCOM certificate record stored in the BCOM Encryption Control file is incorrect.	Run the BCOM Certificate Manager to list the valid BCOM certificates. Then delete the incorrect certificate and create a new one. Please contact ETI-NET Support for further support.
28203	5529	Error Encryption for <location> on <step> (Trace:<text>)	Client child	MVS/NSK	The data encryption key is corrupted.	Queue the same request again. If the problem persists, please contact ETI-NET Support.
28204	5530	Unable to establish encryption session for local Location <location> to remote location <location>, (Reason: <reason>)	Client child, Server child	MVS/NSK	The Client/Sever receives incorrect encryption information for establishing an encrypted session	Verify the EP Client version. Please contact ETI-NET support if needed.

ID	EMS ID	Message	Module	Platform	Probable Cause	User Action
28205	5531	Session Encrypted for local Location <location> to remote location <location>, (BCOM encryption control file: <file-name>)	Client Child	MVS/NSK	Information only: confirm that Strong Encryption will be used in the new session.	Information only
28206	5532	Warning, This encrypted session is processing request <#rqst> without encryption setting	Client Child	MVS/NSK	Information only: The request will be executed without Strong encryption	Information only
28207	5533	Error processing OPEN for request <#rqst> , Reason:<text> (<num>)	Server Child	MVS/NSK	The BCOM/EP server encounters an error at request OPEN state.	Clear explanation is provided in the reason text/number. Contact ETI-NET support if needed.
28208	5534	Error initialize Encryption component,Error:<reason> (<code>)"	Client child, Server child	MVS/NSK	BCOM/EP encounters an internal error	Contact ETI-NET Support.

Comminucation Error (17849) Code Descriptions

Code	Description	Code	Description	Code	Description
20000 -	BM_SIGNAL_DISCONNECT	20041 -	BM_ERR_DATA_SIZE	21452 -	BMDV_ERR_SOCKET_SOCKET_ERROR
20001 -	BM_SIGNAL_RESET	20042 -	BM_ERR_SIGNAL	21453 -	BMDV_ERR_SOCKET_SETSOCKOPT_ERROR
20002 -	BM_SIGNAL_DATA_READY	20043 -	BM_ERR_NAME_IN_USE	21454 -	BMDV_ERR_SOCKET_BIND_ERROR
20003 -	BM_SIGNAL_ACCEPT_TIMEOUT	20044 -	BM_ERR_BAD_TIMEOUT_VALUE	21455 -	BMDV_ERR_SOCKET_LISTEN_ERROR
20004 -	BM_SIGNAL_CONNECTION_REQUEST	20045 -	BM_ERR_ZERO_LENGTH_DATA	21456 -	BMDV_ERR_SOCKET_CONNECT_ERROR
20005 -	BM_SIGNAL_FATAL_ERROR	20200 -	BM_ERR_CONNECTION_REQUEST_TIMEOUT	21457 -	BMDV_ERR_SOCKET_ACCEPT_ERROR
20006 -	BM_SIGNAL_BATMAN_SHUTDOWN	20201 -	BM_ERR_PHYSICAL_CONNECTION_FAILURE	21458 -	BMDV_ERR_SOCKET_SELECT_ERROR
20020 -	BM_ERR_LISTEN_CANCELED	20202 -	BM_ERR_NORMAL_DISCONNECT	21459 -	BMDV_ERR_SOCKET_SEND_ERROR
20021 -	BM_ERR_CONNNECTION_LOSS	20203 -	BM_ERR_UNBOUND	21460 -	BMDV_ERR_SOCKET_RECV_ERROR
20022 -	BM_ERR_DATA_IMCOMPLETE	20204 -	BM_ERR_PARTNER_ABENDED	21461 -	BMDV_ERR_SOCKET_CREATEEVENT_ERROR
20023 -	BM_ERR_OUT_OF_STATE	20205 -	BM_ERR_CONNECTION_REJECTED	21462 -	BMDV_ERR_SOCKET_RESETEVENT_ERROR
20024 -	BM_ERR_DUPLICATE_NAME	21401 -	BMDV_ERR_ALREADY_INITIALIZED	21463 -	BMDV_ERR_SOCKET_TAKE_ERROR
20025 -	BM_ERR_BAD_ARGUMENT	21402 -	BMDV_ERR_NOT_INITIALIZED	21464 -	BMDV_ERR_SOCKET_SHUTDOWN_ERROR
20026 -	BM_ERR_ACCESS_DENIED	21403 -	BMDV_ERR_INVALID_DEVICE_HANDLE	21465 -	BMDV_ERR_SOCKET_CLOSE_ERROR
20027 -	BM_ERR_ENDPOINT_NOT_FOUND	21404 -	BMDV_ERR_INVALID_LOCAL_ADDRESS	21466 -	BMDV_ERR_SOCKET_INIT_GETMAIN
20028 -	BM_ERR_REMOTE_PORT_BUSY	21405 -	BMDV_ERR_INVALID_REMOTE_ADDRESS	21467 -	BMDV_ERR_BAD_TCP_PROCESS
20029 -	BM_ERR_NOT_FOUND	21406 -	BMDV_ERR_NAME_NOT_FOUND	21468 -	BMDV_ERR_BMCONFIG_OPEN_ERROR
20030 -	BM_ERR_OUT_OF_MEMORY	21410 -	BMDV_ERR_INVALID_STATE	21469 -	BMDV_ERR_BMCONFIG_READ_ERROR
20031 -	BM_ERR_NT_SYSTEM_ERROR	21420 -	BMDV_ERR_LOAD_MODULE	21470 -	BMDV_ERR_BMCONFIG_FORMAT_ERROR
20032 -	BM_ERR_MVS_SYSTEM_ERROR	21421 -	BMDV_ERR_LOAD_MODULE_FUNCTION	21471 -	BMDV_ERR_BMCONFIG_VERSION_MATCH
20033 -	BM_ERR_TANDEM_SYSTEM_ERROR	21422 -	BMDV_ERR_DELETE_MODULE	23200 -	BMBF_BAD_DATA_PTR
20034 -	BM_ERR_NOT_SUPPORTED	21423 -	BMDV_ERR_START_THREAD	23250 -	BMBF_POOL_NOT_INITIALIZED
20035 -	BM_ERR_BAD_ENDPOINT_NAME	21430 -	BMDV_ERR_SYSTEM_ERROR	23251 -	BMBF_POOL_INITIALIZED
20036 -	BM_ERR_BAD_NODE_NAME	21431 -	BMDV_ERR_EVENT_CREATE_ERROR	23252 -	BMBF_POOL_ALLOCATED
20037 -	BM_ERR_BAD_HANDLE	21432 -	BMDV_ERR_IO_CANCELED	23253 -	BMBF_BAD_CELL_SIZE
20038 -	BM_ERR_BAD_CONN_ID_STR	21433 -	BMDV_ERR_CONNECTION_CLOSED	23254 -	BMBF_BADPOOL_SIZE
20039 -	BM_ERR_BUFFER_TOO_SMALL	21450 -	BMDV_ERR_SOCKET_INIT_ERROR	23255 -	BMBF_FILE_OPEN_ERROR
20040 -	BM_ERR_BAD_FLAG	21451 -	BMDV_ERR_SOCKET_GETSOCKNAME_ERROR	23256 -	BMBF_POOL_NOFREE_CELL

BCOM Reason Codes

ID	Description	ID	Description
1	INVALID_SERVER_FID	2	REMOTE_IO_ABEND_ALLOCATION
3	REMOTE_IO_ABEND_OPEN	4	REMOTE_IO_ABEND_DURING_TRANSFER
5	LOCAL_IO_ABEND	6	REMOTE_ALLOCATION_ERROR
7	LOCAL_ALLOCATION_ERROR	8	SERVER_DUPLICATE_REQUEST
9	SERVER_MAXIMUM_REQUESTS	10	DRAINING_SERVER
11	REMOTE_INVALID_ATRIBUTE	12	LOCAL_INVALID_ATTRIBUTE
13	REMOTE_ACCES_DENIED	14	LOCAL_ACCESS_DENIED
15	REMOTE_CHECKSUM_ERROR	16	LOCAL_CHECKSUM_ERROR
17	REMOTE_INSTALLATION_ERROR	18	LOCAL_INSTALLATION_ERROR
19	REMOTE_SECURITY_FILE_ERROR	20	LOCAL_SECURITY_FILE_ERROR
21	REMOTE_OPEN_ERROR	22	LOCAL_OPEN_ERROR
23	REMOTE_FILE_ABSENT	24	LOCAL_FILE_ABSENT
25	REMOTE_CLOSE_ERROR	26	LOCAL_CLOSE_ERROR
27	REMOTE_INVALID_REQUEST	28	REMOTE_INVALID_USERID
29	LOST_CONNECTION	30	ABORT_BY_OPERATOR
31	REMOTE_CLOSE_ALLOCATION_ERROR	32	LOCAL_CLOSE_ALLOCATION_ERROR
33	REMOTE_XFER_ERROR	34	REMOTE_IO_PROCESS_ABORTED
35	INVALID_FID_FROM_REMOTE	36	EOF_ERROR
37	REMOTE_REQUEST_UNDEFINED	38	RQ_INEXISTING_REQUEST
39	RQ_ALREADY_IN_QUEUE	40	RQ_INEXISTING_USERID
41	RQ_PROCESSING_ERROR	42	RQ_NOT_SUPPORTED
1003	BCCERT_INVALID_DEC_INFO	1004	BCCERT_DECRYPTION_ERROR
1005	BCCERT_EXPIRED		

MVS Specific Messages

FS62 Messages

These messages are issued by BCOM on MVS. They are logged to the system console. Each message will have the following prefix:

FS62nnnx

Where   "FS62"   Message Constant

               nnn   3-digit Message Number

               x   Message Type:

                               "A"   Eventual Action required
                               "I"   Informative
                               "E"   Error
                               "W"   Warning

Identification	Origin	Message Text	Probable Cause	Action
FS62100E	B62MAIN	SUBTASK ABENDED <abend code>	The subtask abended with the specified abend code. The cause can be determined by further investigating the abend code.	For more details on the code, please refer to your IBM/M manual MESSAGE LIBRARY and SYSTEM CODES. If unable to resolve the problem take note of the abend code and contact ETI-NET Support.
FS62101I	B62MAIN	PDS TRANSFER IS ONLY SUPPORTED FOR IBM/M TO IBM/M	One of the 2 connected nodes is not an IBM MVS host and the request specifies PDS file transfer.	SP or RP are valid only when transferring between MVS platforms. Ensure that your remote location is an MVS or else use SF or RF transfer types, specifying which member you want to transfer.

Identification	Origin	Message Text	Probable Cause	Action
FS62111I	B62MAIN	REQUEST TYPE RB AND RR CANNOT BE SENT TO IBM/M	RB or RR triggers a Backup or Restore request defined in a remote non-IBM BCOM platform.	Correct the destination for the RB or RR request and re-submit.
FS62150E	B62MAIN B62FIO	DECOMPRESSION ERROR ON TRANSMISSION BLOCK	Cannot decompress message from remote partner.	For an NSK Guardian partner, ensure that the character set of the line is ASCII.
FS62151E	B62MAIN	RECEIVED FMH-7 FROM PARTNER	The partner sent MVS an FMH-7 to indicate an error has occurred at the remote site.	Check the logs of the remote platform to find the error.
FS62152E	B62MAIN	CURRENTLY DRAINING, FMH-5 REPORTED	During shutdown processing, all server LUs are put into a draining state. Any transfer requests (FMH-5's) that are on a draining LU are rejected.	Informational message only.
FS62153E	B62MAIN	HANDSHAKE REJECTED - LU DID NOT ACCEPT SESSION	MVS did not accept bind parameters from partner. Any subsequent messages received are rejected.	Informational message only.
FS62154E	B62MAIN	HANDSHAKE REJECTED - INVALID GDS VARIABLE	Message received from partner was not an LU 6.2 protocol message.	Check definitions in each environment for the communication circuit to ensure they are correct. Also make sure that no other applications might inadvertently send data to BCOM.
FS62155E	B62MAIN	HANDSHAKE REJECTED - NOT A BCOM HANDSHAKE	A non-BCOM application is sending data to BCOM.	Check other applications to ensure they do not interfere with BCOM.
FS62156E	B62MAIN	THERE IS NO BINT REQUEST BLOCK AVAILABLE	BCOM is at its maximum for BINT users.	Try again later to sign on, or apply 'BTBJZAP' supplied on your source library to increase the number of BINT users.
FS62157E	B62MAIN	THERE IS NO BJES LU AVAILABLE	MVS to remote printing cannot find an LU to carry out the print transfers (all are busy or out of session).	There will be a retry every 5 minutes.
FS62158E	B62MAIN	THERE IS NO BJES REQUEST BLOCK AVAILABLE	BCOM is at its maximum print capability.	Automatic retry in 5 minutes. 'BTBJZAP' ZAP JCL is supplied on your source library to increase the number of print capability.
FS62159E	B62MAIN	MESSAGE REJECTED - LU NO LONGER ACCEPTING MESSAGES	The handshake processing has not been accepted by BCOM. All subsequent messages will be rejected.	Informational message only.

Identification	Origin	Message Text	Probable Cause	Action
FS62160E	B62MAIN	MESSAGE REJECTED - INVALID GDS VARIABLE	After the handshake has been successfully processed, a non-BCOM message has been received.	Ensure that no other applications are sending data to BCOM.
FS62161E	B62FIO	CHECKSUM ERROR ON DATA	Local node encountered a checksum error on the Security file.	Alter the local Security Administrator; the Security file may be corrupt.
FS62161I	B62MAIN	FUNCTION MANAGEMENT HEADER (FMH) SEGMENTED	This information message indicates that BCOM/MVS received a message containing an SNA FMH segmented over multiple SNA RUs.	Increase the partner MAX RU size specified in the SNA MODENAME definition. If the problem still persists, please contact ETI-NET Support.
FS62162I	B62MAIN	SNA REQUEST UNIT (RU) DID NOT CONTAIN ANY DATA	Internal message which is used by ETI-NET for trouble shooting. This information indicates that BCOM/MVS received a message from partner that was containing only the SNA RH, but no application data.	Contact ETI-NET Support.
FS62163I	B62MAIN	NON APPN/APPC GDS RECEIVED	This information message indicates that BCOM/MVS received a message from its partner that was not containing a valid APPC/APPN general data stream (GDS-ID = 12**). This message could be caused by a bad network configuration, or by a non-BCOM application	Verify the network configuration (RUSIZE vs. BCOM maxblock), and verify the BCOM partner. Contact ETI-NET Support.
FS62164E	B62MAIN	SNA GDS SEGMENTED OVER MULTIPLE SNA RU	Configuration error on the partner location. The BCOM maxblock exceeds the MAX RU size specified in the SNA MODENAME definition.	Match the BCOM MAXBLOCK and the MAX RU size values.
FS62165E	B62MAIN	BCOM BLOCK SEGMENTED OVER MULTIPLE SNA RU	Configuration error on the partner location. The BCOM maxblock exceeds the MAX RU size specified in the SNA MODENAME definition.	Match the BCOM MAXBLOCK and the MAX RU size values.
FS62166E	B62MAIN	HANDSHAKE REJECTED – LICENSE VIOLATION FOR APPC	License violation	Contact BCOM administrator.
FS62200E	B62MAIN	REMOTE ID TABLE FULL	Exceeded 256 entries in the Remote ID table. This table is defined in the Startup JCL and is used to correlate remote ids for Report Printing from NSK Guardian to MVS.	Decrease the number of entries to 256 or less.
FS62201E	B62MAIN	ERROR ON CARD SEQUENCE #	Invalid entry in Remote Id Table. This table is defined in the Startup JCL and is used to correlate remote ids for Report Printing from NSK Guardian to MVS.	Verify that each entry has either a physical node or a logical destination defined in the Remote Id table.

Identification	Origin	Message Text	Probable Cause	Action
FS62202E	B62MAIN	LOST LU DURING SESSION	The LU session between the two platforms was lost.	The LU session may be re-established in one of two ways: 1. Wait for the automatic retry which is defined by the retry interval and time in the configuration, OR 2. Issue a WARMSTART command on the processid. If an error still occurs on the LUs - bring down both platforms and recycle the LUs. Once this is done the two platforms can be brought up. If the problem persists, take note of the LU error and contact ETI- NET Support.
FS62203E	B62MAIN	SEC VIOLATION - IBM USER xxxxxxxx	Signon to the BINT is rejected. This error is reported when using the SECURITY option and the MVS user is not found in the correlation section of the Userid file.	Add a Correlation entry into the Userid file for the MVS userid which was rejected.
FS62204E	B62MAIN	MISSING/INVALID PARAMS	B62DPL 'Display Proc' received invalid parameter.	BCOM Internal error. Contact ETI-NET Support.
FS62205I	B62MAIN	B62BINT ETINET BCOM <BINT APPLID> <BINT userid> FS62 successful connect (version num)	LU connection has occurred for local BINT.	
FS62205I	B62MAIN	ETINET BCOM VERSION xxx (date)	Informative message which identifies the version and date.	
FS62205I	B62MAIN	PARTNER MESSAGE - FS 62 SUCCESSFUL CONNECT xxx	Informative message which states that there was a successful connect with a remote partner which is running the identified product version.	
FS62205I	B62MAIN	PRINT TRANSFER:<jobname> <job#> <destination> <form> <class> FS62 successful connect (version num)	PRINT transfer started.	
FS62206E	B62MAIN	EXPIRED LICENSE	License has expired.	Contact ETI-NET Support.
FS62207E	B62MAIN	NOT ALLOWED TO RUN ON THE IBM/MAINFRAME - LICENSE VIOLATION	Invalid BCOM password for the MVS. The password was generated for a platform other than the MVS.	Contact ETI-NET Support.

Identification	Origin	Message Text	Probable Cause	Action
FS62208E	B62MAIN	NOT ALLOWED TO RUN WITH LOCAL LOCATION NAME xxxxxxxx - LICENSE VIOLATION	The Local Location that is defined in the configuration is not the same as that which is defined in the BCOM MVS password.	Change the local location name in the MVS configuration to be the same as the one which was used to generate the MVS password.
FS62209E	B62MAIN	NOT ALLOWED TO RUN ON SYSTEM xxxx	BCOM cannot be started on the specified system. The BCOM password was generated with a different system name.	Bring up BCOM on the system which was identified as the MVS system name for the password generation or if the system name in the password is incorrect. Contact ETI-NET Support.
FS62211E	B62MAIN	INVALID PASSWORD IN CONFIGURATION	Incorrect syntax for the BCOM password - must be a hexadecimal string of 24 characters.	Verify whether the password in the configuration matches the one that ETI supplied. If it is identical contact ETI-NET Support.
FS62212E	B62MAIN	NO MORE LOGGING IN EFFECT - ERROR ATTACHING B62LOW SUBTASK	An error in the BCOM logger sub-task was encountered during BCOM startup. BCOM is still started but without the logging sub-task; therefore no messages are logged to the BCOM log files. One of two situations may have caused the error: 1. The startup JCL does not contain or match the DDnames that were supplied in the BCOM configuration. 2. Incompatible log files the logger sub-task may have encountered an error when trying to open the files.	Verify whether the password in the configuration matches the one that ETI supplied. If it is identical contact ETI-NET Support. 1. Verify that the DDNAMES which were specified in the configuration match the ones in the startup JCL. If not change or include the DDnames in the JCL and make sure that they are pointing to the proper log files. 2. Verify and if necessary recreate the files according to the documentation.
FS62215I	B62MAIN	STANDARD PACKAGE	Informational message indicating that the standard BCOM package is running.	
FS62216I	B62MAIN	BACKHOME PACKAGE	Informational message indicating that the BACKHOME package is running.	
FS62217I	B62MAIN	ANYPRINT PACKAGE	Informational message indicating that the ANYPRINT package is running.	
FS62220E	B62MAIN	REMOTE ERROR DETECTED	The remote partner has encountered an error during the allocation of its file (remote-file). For more information on the cause of the error, please refer to the log file on the remote system.	Identify and correct the reason for the file allocation and re-submit the request.

Identification	Origin	Message Text	Probable Cause	Action
FS62221E	B62MAIN	REMOTE ERROR DETECTED-SUBTASK ABEND <abend-code>	A sub-task abended on the remote MVS system with the specified abend code. The cause can be determined by further investigating the abend code as well as looking at the remote log files for more messages.	For more details on the abend code, please refer to your IBM/M manual MESSAGE LIBRARY and SYSTEM CODES. If unable to resolve the problem take note of the abend code and contact ETI-NET Support.
FS62222E	B62MAIN	REMOTE ERROR DETECTED - OPEN ERROR	The remote partner has encountered an error during the open of its file (remote-file). For more information on the cause of the error, please refer to the log file on the remote system. One possible reason for the open error is one of security. If the remote system is a NSK Guardian, a possibility is that the file that it is attempting to open does not exist.	Identify the open error on the remote system and if unable to correct the problem, contact ETI-NET Support.
FS62230E	B62MAIN	TOO MANY LU's CONFIGURED FOR MULTIPLEX	Exceeded the maximum number of LUs that may be configured for the Multiplex option. Maximum is 8.	Decrease the number of LUs to 8 or less in the configuration. Re-compile the configuration and start BCOM from the beginning
FS62231E	B62MAIN	LICENSE VIOLATION - MULTIPLEXING	Not licensed to use Multiplexing.	Contact ETI-NET Support for a password update if multiplexing is required.
FS62232E	B62MAIN	CONFIGURED LU'S EXCEED LICENSE MAX	The number of LUs defined in the configuration exceeds the BCOM licensee limitation. The limitation is defined by the LU expansion option, 64 or 128. If you are not licensed for the expansion option then 32 is the limit.	If the BCOM copy is licensed for 64 LUs, then decrease the number of LUs to 64 or less. If the BCOM copy is licensed for 128 LUs, then decrease the number of LUs to 128 or less. If the BCOM copy is licensed for additional LUs, then decrease the number of LUs to 32 or less. If the password has not been generated to take into account the requested option, contact ETI- NET Support.
FS62232E	B62MAIN	LICENSE VIOLATION - MULTIPLEXING	The Multiplex option cannot be started because it is not licensed. The BCOM has been generated without the option.	If the option is required, please contact ETI-NET Support.

Identification	Origin	Message Text	Probable Cause	Action
FS62233E	B62MAIN	LICENSE VIOLATION - TCPIP OR EP	BCOM EP Client or Server appears into the BCOM OS/390 configuration and you are not licensed to use EP connections.	Contact the ETI-NET Support to obtain a new licence or change your configuration and remove the EP definitions.
FS62234E	B62MAIN	LICENSE VIOLATION - APPC	BCOM APPC Client or Server appears into the BCOM OS/390 configuration and you are not licensed to use APPC connections.	Contact the ETI-NET Support to obtain a new licence or change your configuration and remove the APPC definitions.
FS62242I	B62MAIN	REMOTE PARTNER VERSION DIFFERS: xxx	Attempting to connect with an incompatible BCOM version on the remote system. Session is terminated because the local BCOM version cannot communicate with the identified version.	Upgrade the local BCOM version or restore the same BCOM version on the remote system.
FS62243E	B62EXEC	PARTNER LOCATION NOT VALID: xxxxxxxx	The remote location as defined in the BCOM for MVS configuration does not match the local location name of the remote system with which is attempting to establish a session.	Upgrade the local BCOM version or restore the same BCOM version on the remote system.
FS62247I	B62MAIN	MULTIPLEXING NOT SUPPORTED - CONNECTION REJECTED	The remote location is attempting to connect a remote multiplex requestor to a local multiplex server. The local platform has not been configured for a local Multiplex server.	Either change the local configuration to support a Multiplex server or investigate the reason why the remote platform is trying to connect a multiplex requestor to the local platform.
FS62248I	B62MAIN	SERVER IS NOT A MULTIPLEXOR		
FS62250I	B62MAIN	LERAD/SYNAD ERROR EXIT INVOKED - ERROR CODE IS xxxx, SENSE: 9999 9999	"xxxx" is the reason code of the error in Hexadecimal, the first 2 bytes representing the RTCND, and the last 2 the FDB2. "9999 9999" is SNA sense code information. The message signals that an LU is not functional as desired. This may be legitimate or not, according to the operations that were executed. The LU might not be activated or does not connect because the remote server is not started or is drained. The LU might be in RETRY.	Reason codes are documented in the *VTAM messages and codes* manual under the section *RPL RTCND and FDB2 Return Code Combinations.* Sense codes are documented in *the IBM SNA Format* manual.
FS62251I	B62MAIN	NETWORK SERVICES EXIT INVOKED	Internal message. The message is an informative message, simply displayed for tracing that the Network Service exit was invoked.	Used by ETI-NET for trouble shooting.

Identification	Origin	Message Text	Probable Cause	Action
FS62252I	B62MAIN	MULTIPLEXING CONFIGURATION ERROR	Incorrect configuration for the Multiplex LUs. The LUs from a Multiplex requestor process are configured so that they go to two different servers. Another invalid configuration may be that two different multiplex requestor processes are configured to go to one Multiplex server process.	Re-configure the Multiplex processes so that the LUs from one requestor are only associated with one multiplex server. Regenerate the configurations and bring up BCOM on both platforms.
FS62260I	B62MAIN	CONFIGURATION ERROR FOR THIS LU	The local site has defined an LU in the local configuration to be a requestor LU, but the remote partner has also defined this LU to be requestor LU in the remote configuration.	One side must change the configuration so that the LU is defined as a server LU.
FS62268E	B62MAIN B62FIO	DSN ALREADY USED BY ANOTHER REQUEST	The DSN specified by the request is being used by another request that is currently executing.	
FS62268I	B62LOW	SWITCHING LOG FROM FILE xxx TO yyy	Informational message indicating when logging is switching from file 1 to file 2 or from file 2 to file 1.	
FS62269I	B62MAIN	MULTIPLEXING PROCESS DOES NOT SUPPORT PRINT	The local site is trying to send print data to a remote partner via a multiplexing process-id.	Change the configuration of the local print external writer (FS62DEST macro) to point to a non-multiplexing process-id.
FS62269I	B62MAIN	LU RETRY LU-name	Informational message when requester process retries to connect to LU.	
FS62270I	B62MAIN	MULTIPLEXING AVG DELTA TIME: ss:cc	Displaying the average time for the LUs defined for the MULTIPLEX option, in seconds and centi-seconds.	
FS62271I	B62MAIN	MULTIPLEX HIGHEST DELTA: ss:cc	Displays the time that is found to be outside the 25% average range, in seconds and centi-seconds.	
FS62272I	B62MAIN	LU REMOVED FROM MULTIPLEX POOL	The LU was removed from the list of LUs to be used by the Multiplex process. The speed of this LU was outside the accepted range which is 10 times of the average speed.	If the same LU is always dropped, you may want to verify why that LU is slower. It is possible that it is defined on a line which is being more used, thus causing the LU to be slower.
FS62273I	B62MAIN	LU INCLUDED IN MULTIPLEX POOL <resp-time>	MVS multiplexing requestor has connected to the server and issues this message for each LU that has a response time within the acceptable range of 10 times the average response time.	Informational message only.

Identification	Origin	Message Text	Probable Cause	Action
FS62280E	B62MAIN	ERROR OPENING SECURITY FILE	Security file cannot be opened.	Review Security file creation and security import procedures. Redo if any errors are found.
FS62280I	B62MAIN	BCOM RUNNING AT STANDARD MODE	Informational message which indicates BCOM is not running with Security action.	
FS62281E	B62MAIN	ERROR OPENING SECURITY FILE	RACF or ACF2 security inaccessible.	Contact BCOM administrator.
FS62282E	B62MAIN	CHECKSUM ERROR ON CONTROL RECORD	Checksum error on local security file.	Someone may have tampered with the Security file. Re-create and re-import the security data.
FS62283E	B62MAIN	INVALID SECURITY FILE	The data on the security file is corrupted, or was created using the Import facility.	Re-create and re-import the security data.
FS62284E	B62MAIN	INCOMPATIBLE SECURITY FILE	Security version has changed and this file is no longer compatible with BCOM.	Re-create and re-import using the new version of the security maintenance software.
FS62285I	B62MAIN	BCOM RUNNING IN SECURED MODE	Informational message indicating that BCOM is running with a security file.	
FS62286W	B62MAIN	BCOM IS NOT APF: PRINT IS DISABLED FOR EP CLIENTS	BCOM must run from an APF library when "Report Distribution" feature is used from OS/390 to NSK Guardian via an\ BCOM EP Client.	Refer to *BCOM EP – Installation and Migration Guide* for details.
FS62287E	B62MAIN	PRINT REJECTED: BCOM IS NOT APF AUTHORIZED	BCOM must run from an APF library when "Report Distribution" feature is used from OS/390 to NSK Guardian via a BCOM EP Client.	Refer to *BCOM EP – Installation and Migration Guide* for details.
FS62290E	B62FIO	REMOTE ACCESS VIOLATION FOR <userid>	The local request cannot access the resource at the remote site.	Check with the security administrator for the remote site about obtaining access to the resource.
FS62291E	B62FIO	REMOTE USER NOT DEFINED FOR <userid>	The remote site running with security is unable to correlate the local Userid to a remote Userid.	See the security administrator at the remote site about including your Userid in his remote security file.
FS62292E	B62FIO	REMOTE CHECKSUM ERROR	The remote site running with security, has encountered a checksum error on the security file.	Alert the remote security administrator, the remote security file may be corrupt.

Identification	Origin	Message Text	Probable Cause	Action
FS62293E	B62FIO	REMOTE SECURITY IMPLEMENT ERROR	The remote site, running with security, has encountered an error where security checking cannot be performed.	Alert the security administrator at the remote site. The security implementation will have to be reviewed and corrected at the remote site.
FS62294E	B62MAIN	<userid> NOT AUTHORIZED FOR COMMAND	B62BINT (BCOM User Interface) Userid is not authorized to use the command.	Contact BCOM administrator.
FS62299E	B62MAIN	LATE ACTIVATION OF MULTIPLEX LU : xx	The indicated Multiplexing LU has connected, but after the other LUs have already been timed and assigned to a transfer.	The LU is removed from the multiplex pool until the next request is queued.
FS62300I	B62FIO	ETINET BCOM VERSION xxx (date)	Informative message which identifies the version and date.	
FS62301E	B62FIO	INVALID PROTOCOL - BSN	Internal Error - Detected an invalid block sequence number.	Contact ETI-NET Support.
FS62302E	B62FIO	FILE ALLOCATION ERROR <error> [userid, when available]	An error occurred while trying to allocate the dataset. For more information, on the actual error, please refer to the proper IBM/M manual (depending on your operating system): *OS/390 <Version> Programming: Authorized Assembler Services Guide* or *MVS/ESA <Version> Programming: Authorized Assembler Services Guide*	Correct the error and re-submit the request.
FS62303I	B62FIO	SUCCESSFUL FILE ALLOCATION [userid, when available]	The dataset has been successfully allocated.	
FS62304I	B62FIO	SUCCESSFUL XFER #RECS xxxxxxxxx	The data has been successfully transferred. The message displays the number of records which were transferred.	
FS62305E	B62FIO	ABNORMAL TRANSFER END	An error was detected by the remote partner during the final stages of the transfer. Refer to the log files on the remote system for the actual cause of the error.	Once the error has been identified and corrected, resubmit the request.

Identification	Origin	Message Text	Probable Cause	Action
FS62306E	B62FIO	INVALID PROTOCOL - nnnn,BCF	Internal Error: 1. An invalid number of records were specified in the message (negative). 2. Expecting an internal message which would contain data and another message was received.	Contact ETI-NET Support.
FS62307E	B62FIO	INVALID TRANSFER TYPE	Internal Error - Detected an invalid transfer module. This error will result in a 3700 ABEND.	Contact ETI-NET Support.
FS62308I	B62FIO	TRANSFER STARTED	Informative message stating that the transfer has begun.	
FS62309I	B62FIO	RESTART, SKP # OF RECS or RESTART, SKP # OF FILES	Informative message displaying the number of records that were skipped when the request was RE-STARTED after using the CHECKPOINT facility. # of records is used to indicate number of records skip for a file-transfer (SF or RF) restart. # of filesis used to indicate number of files skip for a File-Backup (FB) restart.	
FS62310E	B62FIO	PRINT FILE ALLOCATION ERROR <error>	An error occurred while trying to allocate the print file. For more information on the actual error, please refer to the IBM/M manual PROGRAMMING LIBRARY JOB MANAGEMENT.	Put the PRINT job on hold, correct the error and release the PRINT job.
FS62311E	B62FIO	INTERNAL READER - ALLOCATION ERROR <error>	An error occurred while trying to allocate the internal reader. For more information on the actual error, please refer to the IBM/M manual PROGRAMMING LIBRARY JOB MANAGEMENT.	Put the PRINT job on hold, correct the error and release the PRINT job.
FS62312E	B62FIO	DDNAME NOT FOUND	The DDname defined on NSK Guardian for the PRINTD facility is not defined in the JCL.	Include the DDname in the MVS JCL.
FS62313E	B62FIO	DDNAME FILE OPEN ERROR	An error occurred when trying to open the dataset associated with the DDname to be used for PRINTD facility.	Put the Print job on hold, correct the problem and release the PRINT job.
FS62314E	B62FIO	INTERNAL READER, OPEN ERROR	An error occurred when trying to open the internal reader for the PRINTD facility.	Put the PRINT job on hold, correct the problem and release the PRINT job.
FS62315E	B62FIO	OPEN ERROR	An error occurred when trying to open the dataset identified in the file transfer.	Correct the problem and re-submit the job.

Identification	Origin	Message Text	Probable Cause	Action
FS62316E	B62FIO	FILE DEALLOCATION ERROR	During CLOSE file processing, a severe error occurred. For more information, see the accompany messages.	Determine the status of the file that generated the error. Correct the error and re-submit the request.
FS62317E	B62FIO	SECURITY IMPLEMENT ERROR	The local site, running with security, has encountered an error where security checking cannot be performed.	Alert the local security administrator. The security implementation will have to be corrected at the local site
FS62318E	B62FIO	#request LUname rqtype %remtloc rmtuser USER NOT DEFINED TO BCOM	The local site, running as server with security, could not correlate a remote requestor's userid.	See the local security administrator about adding the remote user to the local Security file.
FS62319E	B62FIO	CHECKSUM ERROR ON SECURITY FILE	The local site, running with security, has obtained an error on the security file.	Alert the local security administrator. The local security file is corrupted. The file will have to be created and the security data re-imported.
FS62320E	B62FIO	USER NOT AUTHORIZED [userid, when available]	The local site, running as server with security, has rejected a remote user's request to access a local resource.	Check with the local security administrator about the remote user's ability to access the local resource.
FS62321E	B62FIO	NOT LICENSED FOR THIS TYPE OF TRANSFER BACKHOME! PACKAGE. or NOT LICENSED FOR THIS TYPE OF TRANSFER ANYPRINT PACKAGE.	The local site is licensed with the BACKHOME package. The attempted file transfer is not permitted with BACKHOME/ only. Same as above, except for 'ANYPRINT' package.	If this transfer must be supported, please contact EIT-NET Support for license changes. Same as above.
FS62330E	B62FIO	<Self explanation>	Error detected while processing the file attribute for the dataset. The message text will give more details about the attribute in error.	Correct the file attribute specified in the request and re-queue the request.
FS62340I	B62MAIN	REMOTE QUEUEING NOT SUPPORTED	The remote partner does not support request types or 'RQ'.	Do not queue 'RQ' type request to this location.
FS62341I	B62MAIN	REMOTE REQUEST NOT FOUND	For 'RQ" request; the remote partner does not have the request defined in the Request file.	Either change the 'RQ' request to a request that exists at the remote partner or define the request at the remote partner.
FS62342I	B62MAIN	DUPLICATE REMOTE REQUEST	For 'RQ' request; the remote partner already has the request queued.	Since the request is already running, there may be no need to queue again.

Identification	Origin	Message Text	Probable Cause	Action
FS62343I	B62MAIN	USERID NOT CORRELATED	The remote partner is running with security activated, but was unable to correlate the queuer's userid to a userid at the remote partner.	Add the local queuer to the remote partner's security file.
FS62344I	B62MAIN	REMOTE REQUEST QUEUED SUCCESSFULLY	Informational message that indicates the remote partner has queued the specified request. Note: This message does not indicate if the remote request has transferred successfully or not.	
FS62345I	B62MAIN	RECEIVED REMOTE QUEUE REQUEST	The local site, acting as a server, has received a 'RQ' type request from the remote requestor.	
FS62346I	B62MAIN	REMOTE QUEUE NOT CORRELATED	The local site, acting as a server with security active, has received a type 'RQ' request but was unable to correlate the remote userid to a local userid.	The 'RQ' request is rejected. The local site will have to add to remote userid to the Security file to make the transfer work.
FS62347I	B62MAIN	REQUEST NOT FOUND	Server for a Remote Queue transfer; the local request was not found.	Remote Requester should correct the Remote Queue request to invoke a request that exists on this Server.
FS62348I	B62MAIN	DUPLICATE REQUEST	Server for a Remote Queue request transfer: the local request is already queued.	Remote requestor may not have to re-queue since this transfer is already running.
FS62349E	B62MAIN	QUEUE PROCESSING ERROR	Server for a Remote Queue transfer; an error occurred trying to queue the request.	Possibility an error such as Queue file is full. Check the Queue file for errors.
FS62350E	B62MAIN	REMOTE QUEUE PROCESSING ERROR	The remote partner had an error trying to queue the remote request.	The remote partner should verify that the Queue file is correct. This file may be full or defined incorrectly.
FS62360E	B62FIO	UNABLE TO ALLOCATE WORK FILE: <DDname> CODE:<allocation Code>	When executing a type 'SP' or 'RP' transfer, work files are needed. These files could not be allocated.	Try to re-run the transfer.
FS62361E	B62FIO	UNABLE TO OPEN FILE: <DDname> CODE: <Open Return Code>	When executing a type 'SP' or 'RP' transfer, work files are opened to retrieve transfer information. These files could not be opened.	Try to re-run the transfer.
FS62362E	B62FIO	IEBCOPY ERROR - PDS TRANSFER ABNORMALLY TERMINATED	When executing a type 'SP' or 'RP' transfer, the utility IEBCOPY is invoked and passes control statements to control the transfer. These control statements, defined in the request, are either in error or conflicting.	See the log for IEBCOPY messages to determine the control statements error, then verify it in your request.

Identification	Origin	Message Text	Probable Cause	Action
FS62363E	B62FIO	IEBCOPY ABNORMALLY TERMINATED — COMPLETION CODE: <IEBCOPY-abend-code>	When executing a type 'SP' or 'RP' transfer, IEBCOPY abended, probably due to a dataset space or DCB problem.	Review your request definition or existing PDS for space and DCB definitions. Revise as necessary.
FS62365E	B62FIO	INVALID DSORG FOR PDS FILE, TRANSFER ABORTED	The file specified in the 'SP' or 'RP' request type did not have a "PO" DSORG type.	If it is a new file, specify "DSORG=PO" in the DCB statement of the file attributes. If the file already exists, verify if it has a "PO" DSORG.
FS62370I	B62FIO	<Variable Text>	When executing a type 'SP' or 'RP' transfer, this message will appear: "*Listing T12 IEBCOPY Messages.*"	Informative message.
FS62371I	B62FIO	COPY PARAMETERS USED ARE: <parameters>	Indicates the parameters used by the 'SP' or 'RP' request.	Informative message.
FS62372I	B62FIO	INVALID COPY PARAMETERS: <parameters> IGNORED	An invalid "COPY parameters" has been detected in the file attributes of an 'RP' or 'SP' request type.	Review the COPYPARM statement of the request and fix the parameter(s) in error.
FS62380I	B62MAIN	<#REQ> SUCCESSFUL START: <start-time> END: <end-time>	Message that indicates a request queued on the local platform has terminated successfully.	Informational message.
FS62381I	B62MAIN	<#REQ> UNSUCCESSFUL START: <start-time> END: <end-time> REASON: <reason>	Message that indicates a request queued on the local platform has terminated unsuccessfully.	Informational message.
FS62385I	B62MAIN	<#REQ> SUCCESSFUL START: <start-time> END: <end-time>	Message that indicates a request queued on the remote platform has terminated successfully.	Informational message.
FS62386I	B62MAIN	<#REQ> UNSUCCESSFUL START: <start-time> END: <end-time> REASON: <reason>	Message that indicates a request queued on the remote platform has terminated unsuccessfully.	Informational message.
FS62400I	B62LRM	ETINET BCOM VERSION	Information message indicating the version and compile-date of the LRM sub-task.	
FS62401I	B62LRM	REQUEST xxx QUEUED by yyy DELETED by zzz	Information message issued when a user issues the 'QDEL' command against a request.	
FS62402I	B62LRM	REQUEST xxx PURGED BY yyy	Information message issued when a user issues the 'PURGE' command against a request.	
FS62403I	B62LRM	PURGE VIOLATION ON xxx - USER yyy TRIED TO PURGE REQUEST OWNED BY zzz	A BINT user tried to purge a request belonging to another user, but did not have authority to do so.	Either the user should be granted authority to purge all requests, or restrict purging to his own requests.

Identification	Origin	Message Text	Probable Cause	Action
FS62404I	B62LRM	xxx CHANGED FROM W-SCHED TO WAITING	A scheduled request's schedule time has arrived and its status now becomes waiting.	
FS62405I	B62LRM	CHECKPOINT NOT SUPPORTED FOR PDS, VALUE IGNORED	PDS to PDS transfer does not support the checkpoint facility.	Remove the checkpoint value from your request.
FS62406I	B62LRM	REQUEST #request-name ADD BY userid	Information message issued when a user adds a request to the BCOM request file via the BINT ADD command or the ISPF BINT MODIFY command (which is an implicit PURGE/ADD command combination).	N/A
FS62500I	B62FIO	WAITING FOR xxx (DSName)	Cannot allocate file because it is in use by another Job or User.	BCOM will retry to allocate every 1.5 minutes, 10 times. If it fails at the 10th time, allocation will fail.
FS62600E	B62OUT	ERROR ENCOUNTERED BY WRITER DURING VTAM <request>	The VTAM request in error is identified in the message text.	Reason codes are documented in the *VTAM Message andCcodes* manual; under the section RPL RTNCND and FDB2 Return Code Combinations. Sense codes are documented in *the IBM SNA Format* Manual.
FS62666I	B62FIO	Keyword error in BCOM Request. The keyword in error is identified in the message text.	Incorrectly coded keyword.	Correct the error and re=submit the Request.
FS62700I	B62LOW	ETINET BCOM VERSION	Information message indicating the version and compile-date of the LOW sub-task.	
FS62800I	B62TCM	ETINET BCOM VERSION	Information message indicating the version and compile date of the TCM sub-task.	
FS62900E	B62MAIN	UNKNOWN COMMAND	A command was entered by an operator at the console, (WTOR) that could not be recognized by BCOM.	Please refer to the *BCOM for MVS User's Guide* manual for the proper list of commands
FS62900I	B62MAIN	DRAIN ISSUED BY xx IN PROGRESS	Echoing back the initials of the operator who issued the DRAIN command at the console.	
FS62901E	B62MAIN	INVALID COMMAND	Incorrect syntax was used on the command entered by an operator at the console, (WTOR).	The reply must be entered as follows, R nn, command, initials. Please refer to the *BCOM for MVS User's Guide* manual for the syntax of the actual BCOM command.

Identification	Origin	Message Text	Probable Cause	Action
FS62902I	B62MAIN	DRAIN ISSUED BY xx IN PROGRESS	Echoing back the initials of the operator who issued the DRAIN command at the console.	
FS62903I	B62MAIN	SHUTDOWN ISSUED BY xx IN PROGRESS	Echoing back the initials of the operator who issued the SHUTDOWN command at the console.	
FS62904I	B62MAIN	ABORT ISSUED BY xx IN PROGRESS	Echoing back the initials of the operator who issued the ABORT command at the console. BCOM will abend with a 3480 abend code.	
FS62905I	B62MAIN	STATUS ISSUED BY xx IN PROGRESS	Echoing back the initials of the operator who issued the STATUS command at the console.	
FS62907A	B62MAIN			**OBSOLETE.** FS62907A is no longer in use with version 4.
FS62908I	B62MAIN	START ISSUED BY xx IN PROGRESS	Echoing back the initials of the operator who issued the START command at the console.	
FS62909E	B62MAIN	OBJECT SPECIFIED HAS NOT BEEN FOUND	The command operand entered at the console is not defined.	Correct the operand and re-issue the command.
FS62910E	B62MAIN	[STATUS ERROR MESSAGE]	Displayed as a result of a status command.	
FS62911E	B62MAIN	[STATUS ERROR MESSAGE]	Displayed as a result of a status command.	
FS62912E	B62MAIN	OPERATOR ID IS MISSING	Incorrect syntax was used to reply to the outstanding prompt. The initials of the operator were missing.	The reply must be entered as follows, R nn, command, initials of the operator who is issuing the command.
FS62913I	B62MAIN	SHUTDOWN! ISSUED BY xxx IN PROGRESS	Informational message indicating an immediate SHUTDOWN has been issued.	

BMSG Messages

These messages are issued by the BCOM for MVS User Interface (BINT) process.
They have the following prefix:

BMSGxxx

Where   "BMSG"   Message Constant

         nnn   3 character message ID

Identification	Origin	Message	Probable Cause	Action
BMSG000	B62BINT	ETINET BCOM VERSION version (date) - B62BINT	Informative message indicating the version and compile date.	Can be used by technical support for trouble shooting.
BMSG001	B62BINT	ENTER YOUR COMMAND	MVS BINT prompt. Commands can be entered following this message.	
BMSG002	B62BINT	COMMAND xxxxxxxx NOT FOUND	Command xxxxxxxx is not found in the BINT command table.	Enter a valid command.
BMSG003	B62BINT	CMD xxxxxxxx FOR THE [object/request] yyyyyyyy. COMPLETED SUCCESSFULLY	Notification that command xxxxxxxx for process or request or location yyyyyyyy was ok.	
BMSG004	B62BINT	OBJECT NAME INVALID	Operand of a command was not valid. E.g.: Process name did not start with "$", request name did not start with "#", etc.	Enter correct operand of command.
BMSG005	B62BINT	THE OBJECT xxxxxxxx IN THE CMD yyyyyyyy not found or does not exist	Request of process on location xxxxxxxx for command yyyyyyyy does not exist.	Re-enter valid operand for the command.
BMSG006	B62BINT	CMD xxxxxxxx FOR THE OBJECT yyyyyyyy NOT PROCESSED	If a command has several operands, (e.g. purge #X, #Y, #Z) and the command failed to one of the operands, this message is issued.	Correct and retry command for the failing operand.

Identification	Origin	Message	Probable Cause	Action
BMSG007	B62BINT	VSAM/IO ERROR OCCURED xxx	An error has occurred while accessing the request on queue files (such as file full).	Depending on the code, (such as file full), the user can take appropriate action (such as create a larger file). If user cannot take action, contact ETI-NET Support.
BMSG008	B62BINT	INVALID PARAMETER SPECIFIED	More parameters specified than necessary, for example: QALTPRI #XX, 01, JUNK.	Correct the command and retry.
BMSG009	B62BINT	ERROR IN SPECIFYING REMOTE OR LOCAL FILE IN ADD COMMAND	For certain request types one or both of local and remote file must be specified. If not, the Add will fail.	Specify the correct remote/local combination for this request type.
BMSG010	B62BINT	QUEUE FILE IS EMPTY	When issuing a "QLIST" command, this message appears when there is nothing queued.	
BMSG011	B62BINT	xxxxxxxx UNKNOWN FOR B62BINT	When issuing a "HELP" command, this message appears if the operand of help does not exist in the help table.	Enter "HELP" with no operand for a complete list.
BMSG012	B62BINT	END OF LIST	Future message to be used for list log.	Message not currently used.
BMSG013	B62BINT	ALL REQUIRED PARAMETERS MUST BE SET BEFORE ADD CAN BE REQUESTED	If some operands are missing when trying to issue an "ADD" command (e.g. request type), then the "ADD" command will fail with this message.	Set LU operands required for this request and issue the ADD command again.
BMSG014	B62BINT	xxxxxxxx ALREADY QUEUED, IT CANNOT BE PURGED	A "PURGE" command was issued for a queued request.	User may use QDEL to delete the request if not executing then issue purge or abort request, if executing then issue purge.
BMSG015	B62BINT	xxxxxxxx NOT PROCESSED	An operand of a "QDEL #XX, #YY, #ZZ" was not deleted (Probably because not on Queue file).	Correct the operand and try again.
BMSG016	B62BINT	xxxxxxxx COMPLETED SUCCESSFULLY	Command xxxxxxxx was successfully executed.	
BMSG017	B62BINT	OPTION xxxxxxxx OF THE SET OR RESET CMD NOT FOUND	BINT user is using a "SET" or "RESET" command, but the operand of the command was not found.	Use correct operand when using set or reset.
BMSG018	B62BINT	xxxxxxxx COMMAND NOT SUPPORTED YET	Used for listing to indicate that the BINT does not support listing yet.	Check the system or job log for BCOM messages.
BMSG019	B62BINT	xxxxxxxx COMMAND REJECTED	The command was rejected for various reasons. e.g.: Start of a process already started. No authorization for command.	

Identification	Origin	Message	Probable Cause	Action
BMSG020	B62BINT	PROCESS NAME INVALID	Message not currently used.	
BMSG021	B62BINT	REMOTE LOCATION NAME INVALID	Message not currently used.	
BMSG022	B62BINT	ROUTING CLASS INVALID	Message not currently used.	
BMSG023	B62BINT	NO OPTION HAS BEEN SPECIFIED	A command has been issued that requires an operand, but no operand was specified.	Re-enter the command with the correct operand.
BMSG024	B62BINT	MORE THAN ONE OPTION SPECIFIED	A user entered a command with several operands, but only one operand is permitted.	Enter the command for each operand.
BMSG025	B62BINT	NO REQUESTS DEFINED YET	For information and LISTREQ, this message will be issued when there are no requests on file yet.	
BMSG026	B62BINT	MORE THAN 100 FIELDS DEFINED	For "SET FIELDS", only 100 fields may be defined for a request.	Fix the request so that the max is 100 fields.
BMSG042	B62BINT	QWAIT HAS TERMINATED ABNORMALLY	If a transfer does not end normally that was started via QWAIT, this message appears.	User can take action knowing that the QWAIT has not ended normally.
BMSG043	B62BINT	LISTLOG NOT IN EFFECT	Indicate to user that LISTLOG is not allocated correctly.	Use system log or joblog to find out more.
BMSG044	B62BINT	B62BINT TERMINATION, MAXIMUM RETURN CODE = xxx	When exiting BINT, the return code is set indicating highest level of errors.	Batch JCL runs can check this code and take action on transfers fail.
BMSG045	B62BINT	REMOTE-LOCATION MUST BE LOCAL-LOCATION FOR TYPE LJ WITH LOCAL-FILE	The remote location field was not set like local location for local job submission with a local file	Fix the request so that the remote location equals the local location.
BMSG046	B62BINT	ROUTING-CLASS MUST BE 00 FOR TYPE LJ WITH LOCAL FILE	The Routing-Class field was not set to 00	Fix the request so that the routing class equals 00.
BMSG047	B62BINT	NO COMPRESSION AND CHECKPOINT MUST BE SET FOR TYPE LJ WITH LOCAL FILE	Either the compression field was set to YES or the checkpoint value was set ON, or both.	Fix the request so that the compression field is set to NO and the check-point value is NONE.
BMSG048	B62BINT	ONLY LOCAL FILE OR REMOTE FILE CAN BE DEFINED FOR REQUEST TYPE LJ	The request type Local Job requires only a local file or a remote file, but not both.	Remove either the local or remote file depending on where the JCL file is located, either on the remote or the local platform.
BMSG050			Not authorized to use BCOM	
BMSG051			Not authorized for Command	

Identification	Origin	Message	Probable Cause	Action
BMSG052			QWAIT Remote Resource Security ERROR	
BMSG053			QWAIT Local Resource Security ERROR	
BMSG054			Not authorized to PURGE	
BMSGE01	B62BINT	VTAM ERROR - RETURN CODE = xx, REASON CODE =xx, FSBK2=xx	Connection with main task is disconnected or unable to establish a connection.	Verify that the BINT params are correct and that the B62BINT APPLID is correctly defined in VTAM. Also check that the main task with which it is trying to connect to is up and running.
BMSGE02	B62BINT	USERID xxxxxxxx NOT AUTHORIZED TO CONNECT WITH B62MAIN	SECURITY error access to the main task. This userid is not defined in the correlation entries of the Security file.	Create a correlation entry in the security table.

ABEND Codes

The following list shows only BCOM specific completion codes (or ABEND codes). Usually, these codes have the "U" prefix, since BCOM is a User application.

For ABEND codes with the "S" prefix (IBM system codes), please consult the IBM documentation on the IBM website

http://www-1.ibm.com/servers/s390/os390/bkserv/lookat/lookat.html.

Code	Origin	Qualifier	Probable Cause	Action
U9	B62MAIN	With a DUMP	Transfer Process subtask pop message error	Please contact ETI-NET Support.
U123	B62FIO	With no DUMP	Error during Data calculation or conversion	B62FIO subtask is terminated and the restarted by BCOM. Please contact ETI-NET Support.
U332	B62FIO		BACKUP - Unable to position to checkpoint specified during RESTART execution. Possibility that the source file has changed before the RESTART has been initiated.	Restart the transfer from the beginning by using COLD RESTART option.
U333	B62FIO		BACKUP - Unable to position to checkpoint specified during RESTART execution. Possibility that the source file has changed before the RESTART has been initiated.	Restart the transfer from the beginning by using COLD RESTART option.
U350	B62FIO		RESTART - End of file has been encountered while attempting to position on the checkpoint.	Restart the transfer from the beginning by using COLD RESTART option.
U351	B62FIO		NSK RESTORE. End-of-file has been encountered while attempting to position to a specific file in the backup data stream. The specific could have been specified using the START keyword in the BRPARAMS of the requests or implicitly when the BACKUP-CATALOG is activated.	When START keyword specified 1. Make sure the filename assign to START is valid. Implicit START determined by Backup-catalog 2. Specified the attribute NOCATALOG in the Tandem request to bypass catalog processing and re-QUEUE the request.
U1000	B62EXEC	with a DUMP	Internal Error. Exceeded the maximum number of window count buffers. Maximum allowed is 50.	Contact ETI-NET Support.

Code	Origin	Qualifier	Probable Cause	Action
U1000	B62LVPOL		Password Error. Invalid Location Type.	Contact ETI-NET Support.
U1001	B62LVPSR		Password Error. Invalid Platform Type.	Contact ETI-NET Support.
U1003	B62LVPOL		Password Error. Incorrect Product Version.	Contact ETI-NET Support.
U1003	B62LVPSR		Password Error. Incorrect Product Version.	Contact ETI-NET Support.
U1004	B62LVPSR		Password Error. Invalid Product Options.	Contact ETI-NET Support.
U1111	B62FIO	with a DUMP	File attributes keyword analyze function detected an invalid parameter.	B62FIO subtask is terminated and the restarted by BCOM. Please contact ETI-NET Support.
U1111	B62MAIN	with a DUMP	Cross Memory Server initialization failed.	Please contact ETI-NET Support.
U1111	B62MAIN	with a DUMP	Locate Request function failed.	Please contact ETI-NET Support.
U1111	B62MAIN	with a DUMP	Transfer Process subtask entries exhausted.	Please contact ETI-NET Support.
U2000	B62MAIN B62FIO	with a DUMP	BCOM Security function detected an invalid parameter.	B62FIO subtask is terminated and the restarted by BCOM. Please contact ETI-NET Support.
U2001	B62MAIN B62FIO	with a DUMP	BCOM Security function read error on Security file.	B62FIO subtask is terminated and the restarted by BCOM. Please contact ETI-NET Support.
U2002	B62MAIN B62FIO	with a DUMP	BCOM Security function read error on Security file.	B62FIO subtask is terminated and the restarted by BCOM. Please contact ETI-NET Support.
U2003	B62MAIN B62FIO	with a DUMP	BCOM Security function read error on Security file.	B62FIO subtask is terminated and the restarted by BCOM. Please contact ETI-NET Support.
U2222	B62FIO	with a DUMP	File attributes keyword analyze function detected an invalid parameter.	B62FIO subtask is terminated and the restarted by BCOM. Please contact ETI-NET Support.
U3001	B62ALLO	with a DUMP	Invalid Dynamic Allocation Operation	Internal Error. Contact ETI-NET Support.
U3001	B62BINT	with a DUMP	Invalid input PARMS specified in the B62BINT startup JCL or CLIST	Refer to the *BCOM for MVS Installation & Operations Guide* for a detailed explanation of the PARMS.
U3002	B62VSMR		The transfer of a VSAM file from the local system to a remote system failed due to an error processing the VSAM file. The error may have occurred during the setup of the RPL or File Open or File Close.	If unable to identify a file open or close error, contact ETI-NET Support.

Code	Origin	Qualifier	Probable Cause	Action
U3003	B62FIO	With no DUMP	VSAM file read function suffered a key range error.	B62FIO subtask is terminated and the restarted by BCOM. Please contact ETI-NET Support.
U3004	B62VSMR		The transfer of a VSAM file from the local system to a remote system failed due to the failure of the SHOWCB macro.	Contact ETI-NET Support.
U3006	B62VSMW		The transfer of a VSAM file from the remote system to the local system failed due to an error on the VSAM file. The error may have occurred during the setup of the RPL or File Open or the SHOWCB macro failed.	If unable to identify a file open error, contact ETI-NET Support.
U3007	B62VSMW		The transfer of a VSAM file from the remote system to the local system failed due to an error on the VSAM file. The error occurred during the File Close.	If unable to identify a file close error, contact ETI-NET Support.
U3008	B62VSMW		The transfer of a VSAM file from the local system to a remote system failed due to an error during the setup for a write operation (LRECL).	Contact ETI-NET Support.
U3009	B62VSMW		The transfer of a VSAM file from the local system to a remote system failed due to a write error.	If unable to identify the write error, contact ETI-NET Support.
U3010	B62BINT		Invalid B62BINT APPLID. The APPLID is either in not active or not defined.	Verify that the B62BINT APPLID is correct and that it is in a connectable state.
U3010	B62XLSA	with a DUMP	Internal Error in Signed Numeric conversion routine. Invalid field length of field which is to be translated to ASCII - negative	Contact ETI-NET Support.
U3010	B62XLTA	with a DUMP	Internal Error in ASCII conversion routine. Invalid field length - negative	Contact ETI-NET Support.
U3012	B62XLSE	with a DUMP	Internal Error in Signed Numeric conversion routine. Invalid field length of field which is to be translated to EBCDIC - negative	Contact ETI-NET Support.
U3012	B62XLTE	with a DUMP	Internal Error in EBCDIC conversion routine. Invalid field length - negative	Contact ETI-NET Support.
U3050	B62PRNT		Trying to restart a print transfer to MVS.	Internal error. Contact ETI-NET Support.
U3050	B62VSMW		The transfer of a VSAM file from the remote system to the local system failed on the RESTART.	Verify that the VSAM file has not been altered since the previous transfer.
U3050	B62WRIT		The transfer of a NON-VSAM file from the remote system to the local system failed on the RESTART.	Verify that the NON-VSAM file has not been altered since the previous transfer.
U3060	B62BJESR		Read operation failed - Exceeded maximum record length of 4096.	Unable to perform transfer - record length > 4096 not supported.

Code	Origin	Qualifier	Probable Cause	Action
U3060	B62VSMR		Read operation failed on VSAM file	If unable to identify the read error, contact ETI-NET Support.
U3065	B62FIO		Invalid dataset organization. The DCB DSORG value is invalid or not specified.	Make sure you specified DSORG=PS or DSORG=PO when you are defining new dataset or opening a file for the first time using BCOM requests.
U3090	B62EXEC		Open error on the Security file.	If unable to identify the open error, contact ETI-NET Support.
U3090	B62MAIN	with a DUMP	Error in opening the BCOM Security file.	Verify the BCOM security level and definition of your BCOM Security file. Please contact ETI-NET Support if the problem persists.
U3091	B62MAIN	with a DUMP	Checksum error over Security file control record.	Verify the BCOM security level and definition of your BCOM Security file. Please contact ETI-NET Support if the problem persists.
U3092	B62MAIN	with a DUMP	Invalid Security file	Verify the BCOM security level and definition of your BCOM Security file. Please contact ETI-NET Support if the problem persists.
U3093	B62MAIN	with a DUMP	Incompatible Security file	Verify the BCOM security level and definition of your BCOM Security file. Please contact ETI-NET Support if the problem persists.
U3200	B62FIO	with a DUMP	When executing a type 'SP' or 'RP' transfer, and message 'FS62360E' is issued, this abend will occur.	See message 'FS62360E'.
U3201	B62FIO	with a DUMP	When executing a type 'SP' or 'RP' transfer, and message 'FS62361E' is issued, this abend will occur.	See message 'FS62361E'.
U3202	B62FIO	with a DUMP	When executing a type 'SP' or 'RP' transfer, and message 'FS62362E' is issued, this abend will occur.	See message 'FS62362E'.
U3203	B62FIO		When executing a type 'SP' or 'RP' transfer, and message 'FS62363E' is issued, this abend will occur.	See message 'FS62363E'.
U3204	B62PDS	with a DUMP	Error attaching IEBCOPY as a sub-task.	Make sure that IEBCOPY is in the LINKLIB, and that it is not an alias for another program.
U3205	B62FIO		When executing a type 'SP' or 'RP' transfer, and message 'FS62365E' is issued, this abend will occur	See message 'FS62365E'.
U3399	B62FIO		BCOM request abended by the user. A user enters ABEND #req from the BCOM interface	None

Code	Origin	Qualifier	Probable Cause	Action
U3400	B62MAIN		BCOM config load module not compatible with new BCOM modules.	Verify that the BCOM load library contains the most recent macros FS62.(FS62DEST, LCL, PROC, RMT, ROUT). Re-compile and link-edit the BCOM config module.
U3400	B62MAIN	with a DUMP	BCOM configuration file is invalid or configuration level stamp is too low. The problem might be because by an internal format change into the configuration file. This error is normally report when you just upgrade your BCOM software from a previous release.	Re-assemble and re-link your BCOM configuration using the latest BCOM configuration macros and validate the result. Also make sure that you using the proper configuration file.
U3400	B62XTW1	with a DUMP	Error accessing the external write configuration for report Printing from MVS to remote.	Contact ETI-NET Support.
U3401	B62MAIN	with no DUMP	Display Proc function parameter error.	Contact ETI-NET Support.
U3402	B62LOW	with a DUMP	File access error on log header	Contact ETI-NET Support.
U3403	B62EXEC		Exceeded maximum number of LUs.	Verify the number of LUs defined with your options. If no options are specified the default is 32. If the LU expansion option is purchased the max is either 64 or 128 depending on the option.
U3404	B62LOW	with a DUMP	File access error log file	Contact ETI-NET Support.
U3405	B62LOW	with a DUMP	Error occurred while creating the first header in the log file.	Contact ETI-NET Support.
U3410	B62EXEC	with a DUMP	Invalid B62MAIN APPLID. The APPLID is either in use, not active or not defined.	Check for the proper APPLID name in the BCOM config file (LLOC parameter); look out for zeros and letter O, number 1 and letter I. Check for the right BCOM config load module name in the BCOM load library. Check for the right config load module name in the BCOM main task JCL execute parameter (PARM=<config>). Check for the proper APPLID name in the VTAMLST dataset and in a VTAM display; the major node containing the APPLID should be active and the status of the BCOM APPLID should be CONCT (if not used by another task). Make sure that BCOM is started on the proper system; watch out for systems that share datasets and JCL Libraries but have their own VTAM definitions.
U3412	B62EXEC	with a DUMP	Internal Error - Receive Any goes on error	Contact ETI-NET Support.
U3415	B62BINT		Open error on input / output device (comin/comout)	If unable to identity open error, contact ETI-NET Support.
U3415	B62LVPOL		Open error on input / output device (comin/comout)	If unable to identity open error, contact ETI-NET Support.

Code	Origin	Qualifier	Probable Cause	Action
U3416	B62EXEC		Internal Error, Receive completed with bad error code	Contact ETI-NET Support.
U3422	B62EXEC	with a DUMP	VTAM is either INACTIVE or is in the process of being brought down.	Verify the status of VTAM.
U3425	B62EXEC		Error occurred while trying to attach one of the following sub-tasks, LRM or LOW. Two possible causes; 1. Not enough address space to attach the sub-task 2. LOW or LRM was unable to open their files.	1. Increase the memory parameter in the startup JCL 2. Verify that the REQUEST, QUEUE, LOG1 and LOG2 DDnames specified in the configuration match the DDnames in the startup JCL. If they are correct verify that the DDnames point to the correct files and are defined as described in the manual.
U3440	B62EXEC	with a DUMP	Internal error, exceeded the number of Request blocks (RB).	Contact ETI-NET Support.
U3440	B62LRM	with a DUMP	Internal error, invalid request from the main task.	Contact ETI-NET Support.
U3442	B62EXEC	with a DUMP	Internal Error, exceeded the number of calculated RPL	Contact ETI-NET Support.
U3443	B62EXEC	with a DUMP	Internal error, exceeded the number of calculated NIBS	Contact ETI-NET Support.
U3444	B62EXEC	with a DUMP	Buffer shortage; all transmission buffers are in use.	1. Match the value of the MAXBUF parameter (BCOM/MVS config, macro FS62LCL) with the value of the DEFWIND parameter. 2. If the problem still occurs, contact ETI-NET Support.
U3450	B62COMP	with a DUMP	Internal Error during compression, Exceeded maximum size of buffer 4096	Contact ETI-NET Support.
U3450	B62LRM	with a DUMP	Two possible reasons 1. Open error on the Request / Queue file 2. Internal Error occurred during queuing of requests	If unable to identify the open error, contact ETI-NET Support.
U3451	B62LRM	with a DUMP	Internal error, VSAM Macro failures	Contact ETI-NET Support.
U3452	B62LRM	with a DUMP	Two possible reasons: 1. Close error on the Request / Queue file. 2. Write error on the Queue file	In unable to identify the close or write error, contact ETI-NET Support.
U3454	B62LRM	with a DUMP	Read error on the Queue file	If unable to identify the read error, contact ETI-NET Support.
U3455	B62LOW		Two possible causes: 1. Internal Error during the recovery logic. 2. ESTAE macro failed	Contact ETI-NET Support.

Code	Origin	Qualifier	Probable Cause	Action
U3455	B62LRM	with a DUMP	Internal Error during the Initialization of trying to make the file usable.	Contact ETI-NET Support.
U3460	B62LOW	with a DUMP	Internal error, invalid action code received from the main task	Contact ETI-NET Support.
U3467	B62EXEC	with a DUMP	Internal error while BCOM main task processes a request it put in internal queue when number of concurrent transfers reached MXRRQST: unrecognized message id.	
U3468	B62EXEC	with a DUMP	Exceeded internal maximum for queuing requests. Maximum is 128.	Decrease the number of incoming requests.
U3480	B62EXEC	with a DUMP	Abort of the main task was issued via the WTOR	
U3490	B62LRM	with a DUMP	Queue Release error.	Contact ETI-NET Support.
U3500	B62XLSA		Invalid data - Not signed decimal numeric	Correct the field specification.
U3502	B62XLSE		Invalid data - Not signed decimal numeric	Correct the field specification.
U3600	B62XLRM	with a DUMP	Invalid code from main task for the Restart / Checkpoint	Contact ETI-NET Support.
U3700	B62FIO1	with a DUMP	Internal error occurred which is identified by one of the following messages FS62300E, FS62301E, FS62306E, FS62307E	Contact ETI-NET Support.
U3717	B62FIO		License violation. You attempt to use a feature for which you are not license	Contact ETI-NET Support for more details.
U3800	B62EXEC	with a DUMP	Internal error which occurred during the initialization of the Node Init Block (NIB).	Contact ETI-NET Support.
U3801	B62PRTD		ASA control characters are not permitted in the RECFM of the DCB for the DDname B62PRTO	Modify the RECFM in the DCB so that ASA characters are not supported.
U3802	B62PRTD		RECFM U is not permitted in the RECFM of the DCB for the DDname B62PRTO.	Remove the RECFM of U in the DCB of B62PRTO
U3803	B62PRTD		Error detected just before the close of B62PRTI and B62PRTO - data was not completely processed	Contact ETI-NET Support.
U3804	B62PRTD		Open error with the datasets associated with the DDnames B62PRTI and B62PRTO.	If unable to identify the open error, contact ETI-NET Support.
U3805	B62EXEC	with a DUMP	Internal error which occurred during the re-initialization of the Node Init Block (NIB).	Contact ETI-NET Support.
U3807	B62EXEC	with a DUMP	Internal Error during Request Parameter List cleanup (RPL).	Contact ETI-NET Support.

Code	Origin	Qualifier	Probable Cause	Action
U3810	B62LRMQ	with a DUMP	Error occurred during internal queuing logic. Exceeded the maximum number of allowed queued requests from the remote systems. Maximum is 128.	Decrease the amount of incoming requests.
U3825	B62BINT	with a DUMP	Internal Error occurred during the initialization of the node init block (NIB) for a WARMSTART.	Contact ETI-NET Support.
U3830	B62EXEC	with a DUMP	LRM sub-task ended unexpectedly.	Contact ETI-NET Support.
U3944	B62EXEC	with a DUMP	Internal Error, Unable to find work data buffers	Contact ETI-NET Support.
U3969	B62XTW1	with a DUMP	Parameter error for external write	Refer to the BCOM for MVS Installation Manual for list of parameters.
U3999	B62EXEC		An unsupported SNA Request has been received over the SNASVCMG conversation.	BCOM only offers a limited support for SNA request transmitted over the SNASVCMG conversation. Please contact ETI-NET for further investigation.
U4000	B62EXEC		Configuration does not match password.	Verify that the definitions of the options in the configuration match those defined in the password.
U4010	B62EXEC		Exceeded the maximum number of LUs for the Multiplex option. Maximum is 8.	Decrease the number of LUs to 8 or less.
U4041	B62FIO	With a DUMP	BCOM Security function fatal error on Security file.	B62FIO subtask is terminated and the restarted by BCOM. Please contact ETI-NET Support.
U4044	B62FIO	With a DUMP	BCOM Security function fatal error on de-allocating the Security file.	B62FIO subtask is terminated and the restarted by BCOM. Please contact ETI-NET Support.
U6600	B62MAIN	With a DUMP	Log Write subtask termination error.	Please contact ETI-NET Support.
U6601	B62MAIN	With a DUMP	Log Write subtask creation error.	Please contact ETI-NET Support.
U6602	B62FIO	With a DUMP	Write-to-operator function detected an invalid parameter.	B62FIO subtask is terminated and the restarted by BCOM. Please contact ETI-NET Support.
U6602	B62WTO	With a DUMP	Log Write subtask buffer allocate error.	Please contact ETI-NET Support.

HCOM Messages

This section shows HCOM error, diagnostic, and user messages generated by HCOM version 4.1.

These messages are grouped into:

- HCOM error and diagnostic messages
- HCOM Return Codes and Detail Codes
- HCOMGEN User messages

HCOM Error and Diagnostic Messages

These NSK log messages are generated by HCOM modules.

EMS Id	Module	Message	Parameters	Probable Cause	Action
none	HCOM nucleus	<function> ERROR <error> ON HCOM CONFIGURATION FILE. HCOM ABENDING.	<function> - Guardian Procedure Call which reports the error. <error> - returned error number.	HCOM nucleus encounters an error while accessing the HCOM configuration file.	Correct the error and restart HCOM.
none	HCOM nucleus	ERROR <error> ON PASSWORD, PLEASE CONTACT ETINET.	<error> - error number.	HCOM nucleus was started with an invalid password.	Please contact ETI-NET Support to obtain to valid password.
none	HCOM nucleus	HCOM PROCESS MUST BE NAMED		HCOM nucleus process must be named.	Restart HCOM process with proper process name.
none	HCOM nucleus	INVALID HCOMGEN CONFIGURATION FILE SPECIFIED, HCOM ABENDING.		HCOM nucleus was started with an invalid Configuration file.	Use the current HCOMGEN to rebuild the Configuration file, then restart HCOM.
none	HCOM nucleus	INVALID VERSION DETECTED, PLEASE CONTACT ETINET		HCOM nucleus was started with an invalid password version. It will abort.	Please contact ETI-NET Support to obtain to valid password.
none	HCOM nucleus	OPEN ERROR <error> ON HCOM LOGGER - ABENDING	<error> - error number.	HCOM nucleus encounters an error while opening the Logger process.	Please refer to *Guardian Procedure Errors and Messages Manual* for explanation on <error>.
none	HCOM nucleus	UNRECOGNIZED CONFIGURATION RECORD, VERSION MISMATCH		Versions of HCOM nucleus and HCOMGEN, which built the Configuration file, mismatch.	Use the current HCOMGEN to rebuild the Configuration file, then restart HCOM.
3	ETIDIST	UNABLE TO FORMAT EVENT ID <event ID>, ERROR <error>>	<event ID> - Event ID <error> -Error	Internal error or, The EVNTDB database does not contain the mentioned event number.	Make sure the latest EVNTDB is used. OR Please contact ETI-NET Support

EMS Id	Module	Message	Parameters	Probable Cause	Action
4	HCOM CICS HCOM IDMS	RECEIVED ERROR RESPONSE FROM REMOTE, DFH : <nnnn>	<nnnn> - 4-digit DFH code (in hexadecimal).	**For HCOM-CICS/IDMS only.** HCOM nucleus receives a DFS from CICS/IDMS	None.
4	HCOM IMS	RECEIVED ERROR RESPONSE FROM REMOTE, DFS : <nnnn>	<nnnn> - 4-digit DFS code (in hexadecimal).	**For HCOM-IMS only.** HCOM nucleus receives a DFS from IMS	None.
5	HCOM nucleus	AUTO-SIGNON IN PROGRESS FOR QUEUE <queue-name>	<queue-name> - SAF queue name	An LU SIGNON is in progress for the LU attached to a SAF queue. This is applicable for LU types 0 or 2.	None.
6	HCOM nucleus	INVALID LU NAME SPECIFIED <LU-name>	<LU-name> - Logical Unit name.	LU <LU-name> was not defined as a SNA LU.	Correct the LU device/subdevice type, then restart HCOM.
7	HCOM nucleus	ABORT <obj-type> <obj-name> IN PROGRESS - COMMAND ISSUED BY USER <user>	<obj-type> - ABORT object. <obj-name> - Name of <obj-type>. <user> - user who issues the command.	HINT ABORT command was issued by <user>. <obj-type> and <obj-name> have the following values: _Cmd_ _obj-type_ _obj-name_ ABORT HCOM HCOM <none> ABORT * LU "*" ABORT LU LU LU-name ABORT LU POOL LU-POOL Pool name	None.
9	HCOM nucleus	HCOM <procname> SHUTTING DOWN.	<procname> - process-name.	HCOM nucleus is stopping.	None.
10	HCOM nucleus	HCOM <procname> WILL RUN WITHOUT A BACKUP - INVALID BACKUP^CPU SPECIFIED <CPU>.	<procname> - process-name . <CPU> - Invalid CPU number	Valid BACKUP^CPU must be 0 to 15, and must be different from the primary CPU.	Correct the DEFINE BACKUP^CPU, re-gen the Configuration file, then restart HCOM.
12	HADS HCOM nucleus HLOG	<procname> BACKUP PROCESS STARTED IN CPU <CPU>.	<procname> - process-name. <CPU> - CPU number.	The reporting process has successfully started its backup process.	None.
13	HCOM nucleus	RETRY ON LU <LU-name> - RETRY NUMBER <retry>, MAX RETRY <max-retry>, NEXT INTERVAL = <interval> SECs.	<LU-name> - Logical Unit name. <retry> - Retry number <max-retry> - Retry limit <interval> - next retry interval (in seconds)	LU <LU-name>, which is marked as error, is closed then reopened.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
14	HCOM nucleus	RETRY LIMIT OF <max-retry> REACHED ON LU <LU-name> - LU OFFLINE.	<max-retry> - retry limit <LU-name> - Logical Unit name.	Retry limit to reopen an LU has been reached. The LU will be OFFLINE. The retry limit is defined in the DEFINE LU^RETRY^LIMT in the Configuration file.	None.
15	HADS HLOG	TAKEOVER BY BACKUP PROCESS <procname>.	<procname> - process-name.	The backup process is taking over when the primary process fails.	None.
16	HCOM nucleus	HCOM <procname> SUCCESSFULLY OPENED <filename>.	<procname> - process-name <filename> - File name	HCOM nucleus has successfully open *<filename>*.	None.
17	HCOM nucleus	HCOM <HCOM-name> STARTED <obj-file-name> (<procname>) TO EXECUTE <cmd-filename>	<HCOM-name> - HCOM process name <obj-file-name> - defined as DEFINE REPORT^PROGRAM^ NAME in the Configuration file <procname> - process-name <cmd-filename> - defined in DEFINE REPORT^COMMAND^FILE	At shutdown time, HCOM nucleus started a new process using *<obj-file-name>* as the object, and *<procname>* as the new process' name. This process (usually a TACL session) is started to execute commands in *<cmd-filename>*.	None.
19	HCOM nucleus	EXCEPTION FILE <filename> IS <nn>% FULL.	<filename> - File name <nn> - percentage full.	Warning message stating EXCEPTION file is *<nn>*% full. HCOM will automatically switch to a new file when this file is full.	HINT SWITCH command can be used to switch this log file.
20	HCOM nucleus	AUDIT FILE <filename> IS <nn>% FULL.	<filename> - File name <nn> - percentage full.	Warning message stating AUDIT file is *<nn>*% full. HCOM will automatically switch to a new file when this file is full.	HINT SWITCH command can be used to switch this log file.
21	HCOM nucleus	LU DESTINATION <dest-name> - WAS SUCCESSFULLY OPENED.	<dest-name> - Destination name.	LU destination *<dest-name>* associate with an LU is successfully opened by HCOM nucleus. The LU destination is defined in the DEFINE LU in the Configuration.	None.
22	HCOM nucleus	UNABLE TO ADD LU DESTINATION <dest-name> - EXCEED MAX DESTINATIONS <nnn>.	<dest-name> - Destination name. <nnn> - maximum number of destinations	An internal error condition is detected.	Please to contact ETI-NET Support and provide the Configuration file.

EMS Id	Module	Message	Parameters	Probable Cause	Action
23	HCOM nucleus	ERROR ON LU DESTINATION <dest-name>, CLOSING LU <LU-name>	<dest-name> - Destination name. <LU-name> - Logical Unit name.	An error is encountered when writing to LU Destination *<dest-name>*. Its associate LU is closed. Please refer to a message logged earlier for the exact error number.	Please correct the cause of the error, and retry.
24	HCOM nucleus	ERROR ON LU <LU-name> - CLOSING LU DESTINATION <dest-name>	<LU-name> - Logical Unit name. <dest-name> - Destination name.	An error is encountered on LU *<LU-name>*. Its associate LU Destination *<dest-name>* is closed. Please refer to a message logged earlier for the exact error number.	Please correct the cause of the error, and retry.
25	HCOM nucleus	NO DESTINATION FOUND FOR MAP - CLOSING LU <LU-name>.	<LU-name> - Logical Unit name.	HCOM receives MAP but the destination is not ready.	The LU is closed.

26	HCOM nucleus	NUMBER OF <param> ENTRIES EXCEEDS CONFIGURED VALUE <value>.	<param> - Configuration parameter
			     `"LUs"`
			     `"POOLs"`
			     `"QUEUEs"`
			     `"UNSOLICITED NUMBERs"`
			 <value> - Configured value.
				Number of *<value>* defined in the Configuration file exceeds the absolute value, or of the value defined in the password.
				 Examples:
				 - The number of LU POOL cannot exceed the number-of-VTAM-APPLIDs defined in the password.
				 - The maximum number of QUEUEs cannot exceed 64.
				 - The maximum number of LUs cannot exceed 64.
					HCOM will abort.
					 If your Number-of-VTAM-APPLIDs is less than 8, please to contact ETI-NET Support.

27	HCOM nucleus	INVALID <param> PARAMETER VALUE: <value>	<param> - Configuration parameter
			     `"LU MODE"`
			     `"SECURITY FLAG"`
			     `"DATA SEGMENT SIZE"`
			     `"DEFAULT TIMEOUT"`
			     `"SAF INTERVAL"`
			     `"MAX RESERVED LU"`
			     `"CLEANUP TIME"`
			     `"LU RETRY LIMIT"`
			     `"RECEIVE INTERVAL".`
			 <value> - Value specified in Configuration file
				In HCOM Configuration file, the parameter *<param>* is defined with an invalid value *<value>*.
				 Example: Valid "LU MODE" must be "0", "2" or "6.2"
					HCOM will abort.
					 Correct the invalid parameter, re-gen the Configuration file, then restart HCOM.

EMS Id	Module	Message	Parameters	Probable Cause	Action
28	HCOM nucleus	NUMBER OF <param> ENTRIES EXCEEDS PASSWORD MAXIMUM <value> - PLEASE CONTACT ETI-NET.	<param> - Configuration parameter "LUs" "POOLs" <value> - Configured value.	Number of *<nnnn>* defined in the Configuration file exceeds the value defined in the password **Examples:** - The number of LU POOL cannot exceed the number-of-VTAM-APPLIDs defined in the password. - The maximum number of LUs cannot exceed the value defined in the password.	HCOM will abort. If your Number-of-VTAM-APPLIDs is less than 8, please to contact ETI-NET Support.
30	HADS HCOM nucleus HLOG	ETINET HCOM <progname> VERSION <ver> (<verdate>), COPYRIGHT ETI-NET <year>.	<progname> - HCOM program name <ver> - Product version <verdate> - Product version date <year> - Copyright year	This message is generated when the HCOM module is successfully started.	None.
35	HCOM nucleus	LU <LU-name> ABORTED.	<LU-name> - Logical Unit name.	An LU is aborted, as a result of the HINT "ABORT" command, and the LU is NOT in used.	None.
36	HCOM nucleus	DRAINING LU <LU-name>.	<LU-name> - Logical Unit name.	An LU is being drained, as a result of the HINT "DRAIN" command, and the LU is being used. It will be drained once it becomes free.	None.
37	HCOM nucleus	ABORTING LU <LU-name>.	<LU-name> - Logical Unit name.	An LU is marked for aborting, as a result of the HINT "ABORT" command, and the LU is being used. It will be aborted (i.e. Closed) once it becomes free.	None.
38	HCOM nucleus	START <obj-type> <obj-name> IN PROGRESS - COMMAND ISSUED BY USER <user>	<obj-type> - START object. <obj-name> - Name of <obj-type>. <user> - user who issues the command.	A HINT START command was issued by *<user>*. *<obj-type>* and *<obj-name>* have the following values: *Cmd* *obj-type* *obj-name* START * LU "*" START LU LU LU-name START LU-POOL LU-POOL Pool name START TRACE TRACE <none>	None.
39	HCOM nucleus	STARTING LU <LU-name>.	<LU-name> - Logical Unit name.	An LU is being started, as the result of the HINT "START" command.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
42	HCOM nucleus	ERROR ON LU <LU-name> - SENSE DATA %Hnnnn, %Hnnnn.	<LU-name> - Logical Unit name. <nnnn> - 4-digit Sense data in hexadecimal	A SNA error condition was detected on <LU-name>.	The LU will be closed, then re-opened.
43	HCOM nucleus	LU <LU-name> DRAINED.	<LU-name> - Logical Unit name.	An LU is drained, as a result of the HINT "DRAIN" command, and the LU is NOT in used.	None.

44	HCOM nucleus	ERROR ON LU <LU-name> - <error-condition>.	<LU-name> - Logical Unit name.
			<error condition> - is:
			`"CANCEL (%Hnnnn")"`
			`"CLEANUP – %H810629"`
			`"SHUTDOWN (%Hnn")"`
			`"UNKNOWN NS HEADER (%Hnnnnnn)"`
			`"UNKNOWN NC HEADER (%Hnn)"`
			`"UNKNOWN DFC HEADER (%Hnn)"`
			`"UNKNOWN SC HEADER (%Hnn)"`
			`"UNKNOWN RU HEADER (%Hnn)"`
			`"UNRECOGNIZED STATUS nnnnn"`
			`"TERM SELF 0 – %H010683"`
			`"TERM SELF 1 – %H810683"`
			`"UNBIND (%Hnnnn)"`
				A SNA error or unexpected condition was detected on <LU-name>.	The LU will be closed, then re-opened..

45	HCOM nucleus	UNABLE TO PROCESS LU <LU-name> - MISMATCH LU TYPE <type>.	<LU-name> - Logical Unit name. <type> - LU type (0, 2 or 6.2)	LU type of <LU-name> defined in Configuration file is different from those received in the SNA BIND received from the IBM. The LU becomes OFF-LINE	Please verify the LU type definition in IBM and the Configuration file.

46	HCOM nucleus	UNRECOGNIZED <rqst-type> RECEIVED ON LU <LU-name> - LOGGED TO EXCEPTION FILE.	<rqst-type> - The unrecognaized SNA request type:
			`"(NS) RU"`
			`"(NC) RU"`
			`"(DFC) RU"`
			`"(SC) RU"`
			`"(RU) RU"`
			<LU-name> - Logical Unit name.
				An un-recognized SNA request Unit (RU) is received. It is logged to EXCEPTION file.	None.

47	HCOM nucleus	<SNA-request> RECEIVED ON LU <LU-name> - DATA (%Hnnnn, %Hnnnn).	<SNA-request> - SNA protocol request, like "LUSTAT", "SIGNAL" <LU-name> - Logical Unit name.	A SNA request is received.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
48	HCOM nucleus	<SNA-request> RECEIVED ON LU <LU-name>.	<SNA-request> - SNA protocol request, like "CANCEL" <LU-name> - Logical Unit name.	An unexpected SNA request is received.	The LU will be closed; any current transaction will be deleted.
49	HCOM nucleus	DRAIN <obj-type> <obj-name> IN PROGRESS - COMMAND ISSUED BY USER <user>	<obj-type> - "LU" or "LU-POOL" <obj-name> - Name of the <obj-type> to be drained.	A HINT DRAIN command was issued by *<user>*. Cmd obj-type obj-name DRAIN * LU "*" DRAIN LU LU LU-name DRAIN LU-POOL LU-POOL Pool name	None.
50	HCOM nucleus	HCOM <procname> ABEND - CONFIGURATION FILE VERSION MISMATCH: FILE VERSION <xxxx>, HCOM VERSION <yyyy>.	<procname> - process-name <xxxx> - Config file version <yyyy> - HCOM version	Versions of HCOM nucleus and HCOMGEN, which built the Configuration file, mismatch.	Use the current HCOMGEN to rebuild the Configuration file, then restart HCOM.
51	HCOM nucleus	ERROR ON LU <LU-name> - UNRECOGNIZED STATUS <status>.	<LU-name> - Logical Unit name. <status> - The unrecognized status.	A SNA error or unexpected condition was detected on *<LU-name>*.	The LU will be closed, then re-opened.
54	HCOM nucleus	LU(s) NOT STARTED - LU^AUTO^START SET TO NO.		The LU(s) are not started, since the DEFINE LU^AUTO^START is set to NO in the Configuration file.	Use HINT START command to start the LUs.
55	HCOM nucleus	WARNING, MORE THAN 32767 NON SAF TIMEOUTS; COUNTER RESET		Maximum value of HCOM nucleus internal counter has been reached. The counter is reset to zero. This counter counts the timeout occurrence for non-SAF transactions (both from HCOM to IBM and from IBM to HCOM).	None. However, large amount of timeouts means either the transactions' timeout values is too small, or HCOM (or the network) is too busy to process the transactions, or the IBM application or HCOM Dispatcher is not responding on time. Therefore, more fine-tuning is needed.
56	HCOM nucleus	WARNING – MESSAGE B0 (ALLOCATION) WITH LU TYPE 6.2 IGNORES USER ID AND PASSWORD		HCOM receives Message B0 with non-blank UserID and Password fields. For reserving LU type 6.2, these two fields are ignored and reset to blanks.	None.
57	HCOM nucleus	ACTIVATE QUEUE <queue-name> - COMMAND ISSUED BY USER <user>	<queue-name> - SAF queue name <user> - user who issues the command.	HINT ACTIVATE-QUEUE command was issued by *<user>*.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
58	HCOM nucleus	DEACTIVATE QUEUE <queue-name> - COMMAND ISSUED BY USER <user>	<queue-name> - SAF queue name <user> - user who issues the command.	A HINT DEACTIVATE-QUEUE command was issued by *<user>*.	None.
60	HCOM nucleus	DETATCH QUEUE <queue-name> IN PROGRESS - COMMAND ISSUED BY USER <user>	<queue-name> - SAF queue name <user> - user who issues the command.	A HINT DETACH-QUEUE-LU command was issued by *<user>*.	None.
61	HCOM nucleus	POP-QUEUE <queue-name> IN PROGRESS - COMMAND ISSUED BY USER <user>	<queue-name> - SAF queue name <user> - user who issues the command.	A HINT POP-QUEUE command was issued by *<user>*.	None.
62	HCOM nucleus	REQUEUE <queue-name> IN PROGRESS - COMMAND ISSUED BY USER <user>.	<queue-name> - SAF queue name <user> - user who issues the command.	A HINT DETACH-QUEUE command was issued by *<user>*.	None.
66	HCOM nucleus	RECEIVED OPEN FROM DISPATCHER <procname>.	<procname> - process-name	A Process-Open message is received from HCOM Dispatcher *<procname>*.	None.
67	HCOM nucleus	WARNING, MORE THAN 32767 SECURITY VIOLATIONS; COUNTER RESET		Maximum value of HCOM nucleus internal counter has been reached. The counter is reset to zero. This counter is increased each time HCOM nucleus rejects an OPEN (or FILE_OPEN_) attempt from a user application due to security reason. The rejection criteria are based on the Configuration DEFINE SECURITY value and the application process' ownership. HCOM rejects the application process' OPEN or FILE_OPEN_ with error 48.	Change the application process ownership, or change HCOM Configuration DEFINE SECURITY value.
68	HCOM nucleus	UNABLE TO PROCESS OPEN MESSAGE FROM <procname> – SECURITY VIOLATION.	<procname> - process-name	HCOM nucleus rejects System Message –103 (Process-Open) from *<process-name>* because of HCOM security setup.	Verify the DEFINE SECURITY value in the HCOM configuration.
69	HCOM nucleus	SHUTDOWN IN PROGRESS - COMMAND ISSUED BY USER <user>.	<user> - user who issues the command.	A HINT SHUTDOWN command was issued by *<user>*.	HCOM is shutting down.

EMS Id	Module	Message	Parameters	Probable Cause	Action

72	HCOM nucleus	MESSAGE RECEVIED FROM <remote> - LOGGED TO EXCEPTION FILE.	<remote> - One of:
			    "CICS"
			    "IDMS"
			    "IMS"
				HCOM received a Good-morning message message from *remote>*. The message is logged to the EXCEPTION file.	None.

73	HCOM nucleus	ERROR RECOVERY IN PROCESS FOR SNAX LU(s).		HCOM nucleus performs error recovery on the LUs during a backup process take over.	None.
74	HCOM nucleus	LU <LU-name> IN SESSION, BUFFERSIZE = <buf-size>	<LU-name> - Logical Unit name. <buf-size> - buffer size.	The named LU has established a SNA session to the IBM.	None.
75	HCOM nucleus	RECEIVED OPEN COMPLETION FROM UNKNOWN REQUESTER – HCOM ABENDED.		HCOM received an Open Completion from an unknown requester.	Check the application which opens HCOM then re-submit.
81	HCOM nucleus	AUTO-SIGNON IN PROGRESS FOR LU <LU-name>	<LU-name> - Logical Unit name.	An LU SIGNON is in progress for an LU. This LU is defined with a SIGNON UserID and Password. This is applicable only for LU types 0 or 2.	None.
82	HCOM nucleus	HCOM BACKUP PROCESS STOPPED/ABENDED, RETRY TO START BACKUP		HCOM nucleus' backup process has been down. HCOM nucleus will try to restart its backup process.	None.
83	HCOM nucleus	WARNING, BIND PRIMARY RU SIZE (RU-size) > BUFFERSIZE (buf-size), LU <LU-name>	<RU-size> - RU size <buf-size> - buffer size. <LU-name> - Logical Unit name.	For LU *<LU-name>,* the RUSIZE received from the SNA BIND message is larger than the LU^POOL's BUFFERSIZE. The LU will use the LU^POOL's BUFFERSIZE.	None.
88	HADS	ERROR - THE ASSIGN FOR SEGMENT-FILE WAS NOT PROVIDED.		The SEGMENT-FILE startup ASSIGN must be provided.	Set up the ASSIGN message and restart HADS.
89	HADS HCOM nucleus HLOG	<procname> PRIMARY PROCESS STOPPED.	<procname> - process-name	The primary process has stopped; the Backup process is taking over.	None.
90	HCOM nucleus	<procname> PRIMARY PROCESS ABENDED.	<procname> - process-name	The primary process has aborted; the Backup process is taking over.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
91	HADS HCOM nucleus HLOG	<module> BACKUP CPU <CPU> UP	<module> - Module type "HADS" "HCOM" <CPU> - CPU number	System Message –3 (CPU Up) is received. The backup process will be created.	None.
92	HADS HCOM nucleus HLOG	<module> BACKUP CPU <CPU> DOWN, CPU FAILURE	<module> - Module type "HADS" "HCOM" <CPU> - CPU number	System Message –2 (CPU Down) is received.	None.
93	HADS HCOM nucleus HLOG	RETRY LIMIT REACHED TRYING TO START BACKUP, <procname> WILL RUN WITHOUT BACKUP	<procname> - process-name	<procname> process has tried 5 times to start its backup process.	HCOM nucleus will run without a backup process.
96	HCOM nucleus	SYSTEM TIME ADJUSTED <mode> <day> DAY(S) <hr> HOUR(S) <min> MIN(S) <sec> SEC(S), <cause>	<mode> - is "BACKWARD" or "FORWARD" <day> - days. <hr> - hours. <min> - minutes <sec> - seconds. <cause> - one of: "INITIAL SETTING" "SUBSEQUENT ADJUSTMENT" "DAYLIGHT SAVING TIME".	HCOM nucleus receives System Message –1 (SETTIME): System time was adjusted.	None.
97	HCOM nucleus	STOP TRACE COMMAND ISSUED BY USER <user>	<user> - user who issues the command.	A HINT STOP TRACE command was issued by <user>. HCOM TRACE is being stopped.	None.
98	HCOM nucleus	SWITCH <file> COMMAND ISSUED BY USER <user>	<file> - file to be switched. One of: "ALL" "AUDIT" "EXCEPTION" "LOG". <user> - user who issues the SWITCH command.	A HINT SWITCH <file> command was issued by <user>	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
99	HCOM nucleus	CHECKSWITCH TO CPU <CPU> FAIL WITH ERROR <xxx> - <yyy>.	<CPU> - CPU number. <xxx> - 1st 8-bits of the returned error <yyy> - last 8-bits of the returned error	When the primary CPU is up, a CHECKSWITCH was issued, but it failed.	None.
101	HCOM nucleus	HCOM STACK STARTS AT................ <address>.	<address> - Starting address for the internal STACK.	Information message – displayed at HCOM nucleus startup.	None.
102	HCOM nucleus	HCOM PRIMARY POOL STARTS AT......... <address>.	<address> - Starting address for the internal Primary Memory Pool.	Information message – displayed at HCOM nucleus startup (after event 101)	None.
103	HCOM nucleus	HCOM PRIMARY POOL SIZE.............. <size>.	<size> - Size of the internal Primary Memory Pool.	Information message – displayed at HCOM nucleus startup (after event 102).	None.
104	HCOM nucleus	HCOM EXTENDED SEGMENT POOL PAGES.... <size>.	<size> - Size of the internal Extended Segment Pool.	Information message – displayed at HCOM nucleus startup (after event 103).	None.
105	HADS	HADS ACCESS MODE.................... <mode>.	<mode> - HADS access mode: "DISC " "MEMORY-DISC "	Information message – displayed at HADS startup.	None.
106	HADS	HADS PRIMARY POOL SIZE (WORDS)...... <size>.	<size> - Size of the internal Primary Memory Pool.	Information message – displayed at HADS startup (after event 105).	None.
107	HADS	HADS PRIMARY POOL START AT.......... <address>.	<address> - Starting address for the internal Primary Memory Pool.	Information message – displayed at HADS startup (after event 106).	None.
108	HADS	HADS EXTENDED SEGMENT (PAGES)....... <size>.	<size> - Size of the internal Extended Segment Pool.	Information message – displayed at HADS startup (after event 107).	None.
109	HADS	HADS MEMORY HOLD TIME (SECS)........ <time>.	<time> - Value of MEMORY-HOLD-TIME startup PARAM.	Information message – displayed at HADS startup (after event 108).	None.
110	HADS	HADS LOG INTERVAL (MINS)............ <time>.	<time> - Value of MEMORY-LOG-INTERVAL startup PARAM.	Information message – displayed at HADS startup (after event 109).	None.
111	HADS	LOG INTERVAL DISPLAY STATISTIC:		Information message – displayed at a HADS LOG INTERVAL time (first message).	None.
112	HADS	NUMBER OF APPLICATION OPENERS....... <count>	<count> - Number of application opening HADS	Information message – displayed at a HADS LOG INTERVAL time (after event 111).	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
113	HADS	NUMBER OF HINT OPENERs.............. <count>	<count> - Number of HINT processes opening HADS	Information message – displayed at a HADS LOG INTERVAL time (after event 112).	None.
114	HADS	CURRENT HADS KEY STATUS - DISC...... <key>	<key> - Current HADS keys.	Information message – displayed at a HADS LOG INTERVAL time (after event 113).	None.
115	HADS	CURRENT HADS KEY STATUS - MEMORY.... <key>	<key> - Current HADS keys.	Information message – displayed at a HADS LOG INTERVAL time (after event 114).	None.
116	HADS	CURRENT HADS KEY STATUS - DELETING.. <key>	<key> - Current HADS keys.	Information message – displayed at a HADS LOG INTERVAL time (after event 115).	None.
159	HCOM nucleus	ATTACH-QUEUE-LU <queue-name>, <LU-name> - COMMAND ISSUED BY USER <user>	<queue-name> - SAF queue name <LU-name> - Logical Unit name. <user> - user who issues the command.	A HINT ATTACH-QUEUE-LU command was issued by *<user>;* attaching *<LU-name>* to *<queue-name>*.	None.
512	HCOM nucleus	<text>.	<text> - Partner's response to SAF request.	Partner's response to SAF transaction.	Event 512 is a free format text message.
513	HCOM nucleus	RECEIVED INIT-SELF RESPONSE AFTER BIND, IGNORE. RESPONSE.		A SNA INIT-SELF response was received after SNA BIND was received. The INIT-SELF response will be ignored. **Explanation**: This usually happens at recovery times, IBM issues a BIND request without waiting for HCOM's CINIT.	
514	HCOM nucleus	UNSUPPORTED FUNCTION RECEIVED FOR LU <LU-name>.	<LU-name> - Logical Unit name.	An unsupported function was received for LU type 2. The function is rejected with a SNA negative response, sense %H10030001. This message is issued when the LU is in INIT state.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
515	HCOM nucleus	READ BUFFER RECEIVED ON LU <LU-name>	<LU-name> - Logical Unit name.	For LU type 2, a READ-BUFFER function was received. HCOM rejects it by sending a message "READ BUFFER IS NOT SUPPORTED AT THIS TERMINAL" to IBM.	None.
516	HCOM nucleus	UNSUPPORTED FUNCTION %H<nn> RECEIVED FOR LU <LU-name>.	<nn> - function code in hexadecimal <LU-name> - Logical Unit name.	An unsupported function was received for LU type 2. The function is rejected with a SNA negative response, sense %H10030001.	None.
1000	HADS	DELETING SEGMENT: KEY %H<key> - SEQUENCE <seq-ID> - OUT OF SEQUENCE.	<key> - HADS keys in hexadecimal. <seq-ID> - Sequent ID	When loading the Segment file, a HADS key is detected with invalid Sequent ID. The Sequent ID is removed from the Segment File.	None.
1002	HADS	UNABLE TO ADD NEW ENTRY TO HADS KEY TABLE.		There is no free key in the table.	None. You may increase the size of MEMORY-ZISE startup PARAM.
1004	HCOM nucleus	INVALID SAF TX STATUS (PROCESSING) AT STARTUP – RESET, SEQ-ID <Seq-ID>, QUEUE <queue-name>.	<Seq-ID> - Transaction Sequence ID <queue-name> - SAF queue name	A SAF transaction was found with status PROCESSING at HCOM startup time. This could happen when HCOM was NOT brought down by the HINT SHUTDOWN command.	The SAF transaction's status is reset.

EMS Id	Module	Message	Parameters	Probable Cause	Action
1006	HCOM nucleus	SAF FILE <file-name> IS 100% FULL, LOG TX. TO EXCEPTION FILE.	<filename> - SAF File name	HCOM nucleus receives a transaction with SAF from a Requestor. However the SAF file is full. The transaction is logged to the EXCEPTION file. The Requestor will receive HCOM response with RETURN CODE of 370 and DETAIL CODE of 45. There are two explanations for this occurrence: a. Requestors send more SAF transactions than HCOM and its Servers can handle, so SAF transactions accumulate in the SAF queue. OR b. The LUs attached to the SAF queues are not in service. Again, SAF transaction will accumulate in the SAF file.	Please verify which of the above cases happens, then corrective actions should be perform.
1008	HCOM nucleus	UNABLE TO DELETE SAF RECORD - ERROR <error>.	<error> - Guardian error number	HCOM nucleus is unable to delete a record from the SAF file	Check the preceding error message (in LOG file) for the exact error on SAF file.
1009	HCOM nucleus	INVALID TRANSACTION ON SAF FILE, QUEUE <queue-name> - LOGGED TO EXCEPTION FILE.	<queue-name> - SAF queue name	HCOM has read a record on the SAF file with an invalid transaction header. The record is logged in the EXCEPTION file.	None.
1010	HCOM nucleus	UNABLE TO PROCESS SAF RECORD – DISPATCHER DOES NOT EXIT WITH ROUTING <routing-name>.	<routing-name> - Routing name	HCOM received a SAF transaction from the partner to a Pathway Dispatcher, but the routing information is incorrect.	None.
1013	HCOM nucleus	INVALID RESPONSE FROM DISPATCHER <procname> - LOGGED TO EXCEPTION FILE	<procname> - process-name	An invalid response is received from HCOM Dispatcher <procname>. This response is logged to the EXCEPTION file.	None.
1014	HCOM nucleus	ERROR RETURNED FROM DISPATCHER, RETURN-CODE <return>, DETAIL-CODE <detail>	<return> - Return code <detail> - Detail code	Message to HCOM Dispatcher results a response with error. These are Pathway error.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
1015	HCOM nucleus	TRANSACTION <tran-ID> HAS TIMED OUT.	<tran-ID> - transaction ID.	A transaction has been timed-out.	Recovery is depending on the transaction type.
1016	HCOM nucleus	RECEIVED LATE RESPONSE FROM SERVER, LOGGED TO EXCEPTION FILE.		A response is received from IBM server late (i.e. A transaction timeout occurs). This response is logged to the EXCEPTION file.	None.
1017	HCOM nucleus	LATE RESPONSE FROM DISPATCHER <procname> - LOGGED TO EXCEPTION FILE.	<procname> - process-name.	A response is received from HCOM Dispatcher late (i.e. A transaction timeout occurs). This response is logged to the EXCEPTION file.	None.
1018	HCOM nucleus	UNEXPECTED RESPONSE FROM <server> TO NSK <Pathway> - LOGGED TO EXCEPTION FILE.	<server> - Server name. <Pathway> - Pathway name.	HCOM nucleus receives an unexpected response from the Pathway server. The message will be logged to EXCEPTION file.	None.
1020	HCOM nucleus	RECEIVED INVALID RESPONSE FROM TANDEM SERVER <server> - LOGGED TO EXCEPTION FILE.	<server> - Server name.	Response from *<server>* is a multi-segment one, but HCOM cannot build it.	None.
1021	HCOM nucleus	EXTENDED POOL SHORTAGE WHEN SAVING IBM RESPONSE - LOGGED TO EXCEPTION FILE.		HCOM nucleus cannot find space to save IBM's response in the Extended Segment pool.	Please contact ETI-NET Support.
1023	HCOM nucleus	RECEIVED UNEXPECTED RESPONSE FROM DISPATCHER <procname> - LOGGED TO EXCEPTION FILE.	<procname> - process-name.	HCOM nucleus receives an unexpected response from the Dispatcher.	None.
1024	HCOM IMS	WARNING, INCONSISTENT TRANSACTION REPLY SETTING.		**For HCOM-IMS only.** This message is generated when HCOM-IMS received a user response but it is not a begin chain message.	None.
1025	HCOM nucleus	UNABLE TO PROCESS SAF RECORD – DISPATCHER IS BUSY WITH ROUTING <routing-name>.	<routing-name> - Routing name	HCOM receives more SAF message destined for *<routing-name>* than there are HCOM Dispatchers defined in Pathway. The SAF message will stay in the SAF file until a Dispatcher becomes available.	Increase the number of HCOM Dispatcher to support the transaction arrival rate from IBM.

EMS Id	Module	Message	Parameters	Probable Cause	Action
1026	HCOM nucleus	WARNING: SAF TRANSACTION <tran-ID> HAS UNDEFINED QUEUE <queue-name>.	<tran-ID> - SAF transaction ID <queue-name> - SAF queue name	This message was logged at HCOM nucleus startup time. Those SAF transactions in SAF file have a non-existing SAF queue name *<queue-name>*. These transactions will remain in the SAF file but will not be processed by HCOM nucleus. This is a typical case where a SAF queue is removed from the Configuration file before HCOM nucleus is restarted.	Add the missing SAF queue to the Configuration file, re-gen it, then restart HCOM nucleus.
1030	HCOM nucleus	RECEIVED RESPONSE – PREMATURE APPLICATION CANCEL, LOGGED TO EXCEPTION FILE		A response is received from IBM, but the Requestor has prematurely closed HCOM nucleus. The response is logged to EXCEPTION file.	None.
1034	HCOM nucleus	HCOM PROCESSED ONE BILLION TRANSACTIONS, TRANSACTION COUNTER RESET TO 1.		HCOM nucleus has processed 1 billion transactions; the transaction counter is reset back to 1.	None.
1035	HCOM nucleus	WARNING, INCORRECT COUNTER (1000) DETECTED, NB^SD^RCV^LU^ACTIVE RESET TO ZERO.		HCOM is resetting its internal NB^SD^RCV^LU^ACTIVE counter to 0.	None.
1036	HCOM nucleus	WARNING, INCORRECT COUNTER (1000) DETECTED, NB^QUEUE^LU^ACTIVE RESET TO ZERO.		HCOM is resetting its internal NB^QUEUE^LU^ACTIVE counter to 0.	None.
1037	HCOM nucleus	WARNING, INCORRECT COUNTER (1000) DETECTED, NB^SD^RCV^RSVD^LU ^ACTIVE RESET TO ZERO.		HCOM is resetting its internal NB^SD^RCV^RSVD^LU^ACTIVE counter to 0.	None.
1038	HCOM nucleus	WARNING, INCORRECT COUNTER (1000) DETECTED, NB^RCV^LU^ACTIVE RESET TO ZERO.		HCOM is resetting its internal NB^RCV^LU^ACTIVE counter to 0.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
1040	HCOM nucleus	WARNING, INCORRECT COUNTER (-1000) DETECTED, NB^SD^RCV^LU^ACTIVE RESET TO ZERO.		HCOM is resetting its internal NB^SD^RCV^LU^ACTIVE counter to 0.	None.
1041	HCOM nucleus	WARNING, INCORRECT COUNTER (-1000) DETECTED, NB^QUEUE^LU^ACTIVE RESET TO ZERO.		HCOM is resetting its internal NB^QUEUE^LU^ACTIVE counter to 0.	None.
1042	HCOM nucleus	WARNING, INCORRECT COUNTER (-1000) DETECTED, NB^SD^RCV^RSVD^LU^ACTIVE RESET TO ZERO.		HCOM is resetting its internal NB^SD^RCV^RSVD^LU^ACTIVE counter to 0.	None.
1043	HCOM nucleus	WARNING, INCORRECT COUNTER (-1000) DETECTED, NB^RCV^LU^ACTIVE RESET TO ZERO.		HCOM is resetting its internal NB^RCV^LU^ACTIVE counter to 0.	None.
1046	HCOM nucleus	SAF RECORD'S CONTENT LOG TO EXCEPT FILE.		Dispatcher replied with a non-zero response. The content of the SAF transaction is saved into the EXCEPTION file for further reference.	None.
1047	HCOM nucleus	WARNING, INCORRECT COUNTER (1000) DETECTED FOR POOL <LU-pool>. RESET TO ZERO.	<LU-pool> - LU pool name.	HCOM is resetting its internal counter in *<LU-pool>* to 0.	None.
1048	HCOM nucleus	WARNING, INCORRECT COUNTER (-1000) DETECTED FOR POOL <LU-pool>. RESET TO ZERO.	<LU-pool> - LU pool name.	HCOM is resetting its internal counter in *<LU-pool>* to 0.	None.
1049	HCOM nucleus	NO SEND/RECEIVE LU AVAILABLE TO SEND IBM RESPONSE - LOGGED TO EXCEPTION FILE.		There is no available LU to send the response base to the IBM partner.	None. You may increase number of LUs to your HCOM environment.
1051	HADS HCOM nucleus	CHAINED TRANSACTION LENGTH <tx-len> EXCEEDS MAX LENGTH <max-len>.	<tx-len> - Actual transaction length. <max-len> - Maximum allowable transaction length.	A user transaction, whose length is too long, is received.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
1052	HCOM nucleus	IBM CHAINED TRANSACTION LENGTH <tx-len> EXCEEDS MAX LENGTH <max-len> - TRANSACTION NOT PROCESSED.	<tx-len> - Actual transaction length. <max-len> - Maximum allowable transaction length.	HCOM nucleus receives an IBM transaction too long.	None.
1053	HCOM nucleus	IBM CHAINED RESPONSE LENGTH <tx-len> EXCEEDS MAX LENGTH <max-len> - TRANSACTION NOT PROCESSED.	<tx-len> - Actual transaction length. <max-len> - Maximum allowable transaction length.	HCOM nucleus receives a response from IBM which is too long.	None.
1054	HCOM nucleus	CHAINED TRANSACTION LENGTH<tx-len> EXCEEDS MAX LENGTH < max-len > - UNABLE TO PROCESS.	<tx-len> - Actual transaction length. <max-len> - Maximum allowable transaction length.	HCOM nucleus receives a user transaction too long.	None.
1056	HCOM nucleus	RECEIVED UNEXPECTED MESSAGE FROM IBM, SEQ-ID <Seq-ID> - LOGGED TO EXCEPTION FILE.	<Seq-ID> - Transaction Sequence ID	HCOM nucleus receives an unexpected message from the remote.	None.
1057	HCOM nucleus	RECEIVED UNEXPECTED RESPONSE FROM IBM, SEQ-ID <Seq-ID> - LOGGED TO EXCEPTION FILE.	<Seq-ID> - Transaction Sequence ID	HCOM nucleus receives an unexpected response from the remote.	None.
1058	HCOM nucleus	RECEIVED LATE RESPONSE, SEQ-ID: <Seq-ID> - LOGGED TO EXCEPTION FILE	<Seq-ID> - Transaction Sequence ID	A response is received from HCOM Dispatcher late (i.e. A transaction timeout occurs). This response is logged to the EXCEPTION file.	None.
1061	HCOM nucleus	<dispatcher>'S CHAINED RESPONSE TO NSK <Pathway> EXCEEDS MAX. LENGTH - TRUNCATED	<dispatcher> - Dispatcher process name <Pathway> - Pathway name	HCOM received chained response from <dispatcher> but its length is too long. It is truncated to 3900 bytes.	None.
1062	HCOM nucleus	<server>'S RESPONSE TO NSK <Pathway> TOO LONG - TRUNCATED	<server> - Server name <Pathway> - Pathway name	HCOM received chained response from <server> but its length is too long. It is truncated to 3900 bytes.	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2000	HADS HCOM nucleus HLOG	<function> ERROR ON <filename>, <error>	<function> - Guardian Procedure Call which reports the error. <filename> - File name <error> - returned error number	An error is encountered when issuing a Guardian Procedure Call.	Refer to *Guardian Procedure Errors and Messages Manual* for details.
2002	HCOM nucleus	CHECKSWITCH ISSUED, HCOM <procname>'S PRIMARY CPU <CPU>.	<procname> - HCOM nucleus process-name <CPU> - CPU number	The CHECKSWITCH operation is now completed successfully. HCOM now switches back to its configured primary CPU.	None.
2007	HADS	** SIGNALTIMEOUT ERROR - NO LOG INTERVAL PERFORMED.		SIGNALTIMEOUT fails. This operation is issued in according to the MEMORY-LOG-INTERVAL startup PARAM.	None.
2008	HADS HCOM nucleus	RESETSYNC MESSAGE RECEIVED FROM <procname> - SYNC ID WAS RESET.	<procname> - Process-name	A System Message –34 (RESETSYNC) is received from process *<procname>*.	Refer to *Guardian Procedure Errors and Messages Manual* for details.
2009	HADS HCOM nucleu HLOG	RECEIVED UNKNOWN SYSTEM MESSAGE <SYSMSG>.	<SYSMSG> - System message number	An unknown System Message *<nn>* is received. It is ignored.	Please contact ETI-NET Support and mention this *<SYSMSG>* message.
2021	HADS HCOM nucleus HLOG	<function> ERROR <error-number> ON <filename> <type> <detail>	<function> - Guardian Procedure Call which reports the error. <error> - returned error number <filename> - File name <type> one of "ERROR-ITEM" "DETAIL" "STATUS" <detail> - detail vaule of <type>	An error is encountered when issuing a Guardian Procedure Call.	Refer to *Guardian Procedure Errors and Messages Manual* for details.
2023	HCOM nucleus	SENDING INIT SAF TRANSACTION ERROR <error>, WAIT FOR NEXT INTERVAL.	<error> - error number	HCOM nucleus is encountering an error while sending INIT-SAF message to CICS. **NOTE:** INIT SAF message is used for retrieving SAF messages saved in IBM SAF queue for forwarding to Tandem Servers.	Please contact ETI-NET Support if the problem occurs frequently.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2024	HCOM nucleus	UNABLE TO SEND INIT SAF TRANSACTION, WAIT FOR NEXT INTERVAL.		HCOM nucleus is unable to send INIT-SAF message to CICS. **NOTE:** INIT SAF message is used for retrieving SAF messages saved in IBM SAF queue for forwarding to Tandem Servers.	Please contact ETI-NET Support if the problem occurs frequently.
2025	HCOM nucleus	UNABLE TO START INIT SAF TRANSACTION, WAIT FOR NEXT INTERVAL.		HCOM nucleus is unable to start the issuing of INIT-SAF message to CICS. **NOTE:** INIT SAF message is used for retrieving SAF messages saved in IBM SAF queue for forwarding to Tandem Servers.	Please contact ETI-NET Support if the problem occurs frequently.
2026	HCOM nucleus	QUEUE <queue-name> STATISTICS: R-CODE = <return>, TXs RCVD= <TX-count>, TIME=<elapse-time> SECs, LU <LU-name>	<queue-name> - SAF queue name <return> - Return code <TX-count> - Number of transactions <elapse-time> - Elapse time <LU-name> - Logical Unit name.	Information message. HCOM successfully received *<TX-count>* transaction from IBM within *<elapse-time>*.	None.
2027	HCOM nucleus	QUEUE <queue-name> STATISTICS: RETURN-CODE = <return>, DETAIl-CODE = <detail> ON LU <LU-name>	<queue-name> - SAF queue name <return> - Return code <detail> - Detail code <LU-name> - Logical Unit name.	HCOM nucleus has unsuccessfully received messages from an IBM SAF queue. The RETURN-CODE and DETAIL-CODE show the error encountered.	HCOM will try to receive messages from IBM SAF queue again in the next interval.
2028	HCOM nucleus	LICENSE TO RUN HCOM HAS EXPIRED, PLEASE CONTACT ETI-NET.		Your HCOM License has expired.	Please contact ETI-NET Support to have a new license.
2029	HCOM nucleus	WARNING, HCOM HAS INTERNALLY QUEUED USER REQUEST MESSAGE (LOCAL->REMOTE) <nnn> TIMES.	<nnn> - number of times	This message is generated by HCOM at every cleanup interval. It indicates how many NON-SAF responses were queued (i.e. Not enough LU type S/R defined to support the load). The messages are queued internally until an LU becomes available. **Explanation**: HCOM nucleus queues the transactions only if the LU^POOL is defined with QUEUE^TRAN^WHEN^BUSY = YES.	Increase the number of LUs to support the transaction arrival rate from Tandem applications.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2030	HCOM nucleus	WARNING, HCOM HAS INTERNALLY QUEUED USER RESPONSE MESSAGE (LOCAL->REMOTE) <nnn> TIMES.	<nnn> - number of times	This message is generated by HCOM at every cleanup interval. It indicates how many NON-SAF responses were queued (i.e. Not enough LU type S/R defined to support the load). The messages are queued internally until an LU becomes available.	Increase the number of LUs to support the transaction arrival rate from IBM.
2031	HCOM nucleus	WARNING, HCOM HAS INTERNALLY QUEUED USER REQUEST MESSAGE (REMOTE->LOCAL) <nnn> TIMES.	<nnn> - number of times	This message is generated by HCOM at every cleanup interval. It indicates how many NON-SAF messages were received from IBM for a routing class, which is busy (i.e. Not enough HCOM Dispatchers defined to support the load). The messages are queued internally until a HCOM Dispatcher becomes available.	Increase the number of HCOM Dispatcher to support the transaction arrival rate from IBM.
2033	HCOM nucleus	GOOD MORNING MESSAGE LENGTH = <len> EXCEEDS MAXIMUM LENGTH <max-len>.	<len> - Actual message length <max-len> - Maximum message length	Good-morning message is too long. Only the first <max-len> are used.	None.
2034	HCOM nucleus	BBI CONFLICT, LOG REMOTE MESSAGE TO EXCEPTION FILE.		A SNA Bracket conflict condition has occurs. HCOM nucleus receives an RU from IBM with BBI, while it just started a Bracket. The Incoming RU message will be logged to the EXCEPTION file.	None.
2036	HCOM nucleus	<function> ERROR <error>, DETAIL <err-detail>, SEGID <Seg-ID>, ON <file>.	<function> - Guardian procedure name for Segment handling. <error> - Error code <err-detail> - Detail code. <Seg-ID> - Segment ID. <file> - file name	HCOM nucleus encounters error <error> (with detail <detail>) while issuing Guardian Procedure call <function>.	Refer to *Guardian Procedure Errors and Messages Manual* for details.
2037	HADS HCOM nucleus	<function> ERROR <error>, DETAIL <err-detail>, SEGID <Seg-ID>.	<function> - Guardian procedure name for Segment handling. <error> - Error code <err-detail> - Detail code. <Seg-ID> - Segment ID.	An error is encountered (with detail <detail>) while issuing Guardian Procedure call <function>.	Refer *to Guardian Procedure Errors and Messages Manual* for details.

EMS Id	Module	Message	Parameters	Probable Cause	Action
2038	HCOM nucleus	<function> ERROR <error>, DETAIL <err-detail>, SEGID <Seg-ID>, ON <file>.	<function> - Guardian procedure name for Segment handling. <error> - Error code <err-detail> - Detail code. <Seg-ID> - Segment ID. <file> - file name	HCOM nucleus encounters error <error> (with detail <detail>) while issuing Guardian Procedure call <function>.	Refer to *Guardian Procedure Errors and Messages Manual* for details. Please contact ETI-NET Support.
2039	HADS HCOM nucleus	<function> ERROR <error>, DETAIL <err-detail>, SEGID <Seg-ID>.	<function> - Guardian procedure name for Segment handling. <error> - Error code <err-detail> - Detail code. <Seg-ID> - Segment ID.	An error is encountered (with detail <detail>) while issuing Guardian Procedure call <function>.	Refer to *Guardian Procedure Errors and Messages Manual* for details. Please contact ETI-NET Support.
2999	HCOM nucleus	<procname> ABEND – ETI^GETPOOL DETECTS ZERO.	<procname> - HCOM nucleus process-name	An internal error condition has occurred. HCOM nucleus will abort.	Please contact ETI-NET Support.
3000	HADS HCOM nucleus HLOG	<procname> ABEND – INTERNAL STACK ERROR <error>.	<procname> - Process-name <error> - Error code	An internal error condition has occurred. <procname> process will abort.	Please contact ETI-NET Support.
3001	HADS HCOM nucleus	<procname> ABEND – BM^READ ERROR.	<procname> - Process-name	An internal error condition has occurred. <procname> process will abort.	Please contact ETI-NET Support.
3002	HADS HCOM nucleus	<procname> ABEND – BM^DELETE ERROR.	<procname> - Process-name	An internal error condition has occurred. <procname> process will abort.	Please contact ETI-NET Support.
3003	HADS HCOM nucleus	INSUFFICIENT TRAN POOL SPACE.		An internal error condition has occurred.	Please contact ETI-NET Support.
3004	HADS HCOM nucleus	<procname> ABEND – BM^UPDATE ERROR.	<procname> - Process-name	An internal error condition has occurred. <procname> process will abort.	Please contact ETI-NET Support.

EMS Id	Module	Message	Parameters	Probable Cause	Action
3005	HCOM nucleus	HADS FEATURE DISABLED, UNABLE TO PROCESS MULTI-SEGMENT MESSAGE, QUEUE <queue-name>.	<queue-name> - SAF queue name	HCOM nucleus receives a Multi-segment, SAF transaction from a Requestor, but the Multi-Segment (or HADS) feature is not activated. **NOTE:** Since the transaction has SAF option, it is saved into SAF queue before checked for Multi-Segment feature. Therefore, the Requestor will receive response from HCOM nucleus with RETURN-CODE 0 and DETAIL-CODE 0 (to denote the saving to SAF queue was successful). Also, the transaction will not be deleted from the SAF queue.	Use HINT POP-QUEUE command to remove the transaction from the SAF queue, or restart HCOM nucleus with HADS feature.
3009	HCOM nucleus	<procname> – UNABLE TO WRITE TO EXTENDED POOL.	<procname> - HCOM nucleus process-name	An internal error condition has occurred.	Please contact ETI-NET Support.
3010	HCOM nucleus	MULTI-SEGMENT MESSAGE - UNEXPECTED CHAIN INDICATOR IN SNA^ADD^ CHAIN <chain-indicator>.	<chain-indicator> - Invalid chain indicator value	HCOM nucleus received a transaction as part of a multi-segment transaction, but is chaining indicator is unknown.	Please verify the transaction.
3011	HADS HCOM nucleus HLOG	<function> ERROR <error> ON <filename> <type> <detail>	<function> - Guardian Procedure Call which reports the error. <error> - returned error number <filename> - File name <type> one of "ERROR-ITEM" "DETAIL" "STATUS" <detail> - detail vaule of <type>	An error is encountered when issuing a Guardian Procedure Call.	Refer to *Guardian Procedure Errors and Messages Manual* for details. Please contact ETI-NET Support.
3012	HADS HCOM nucleus HLOG	<function> ERROR ON <filename>, <error>	<function> - Guardian Procedure Call which reports the error. <filename> - File name <error> - returned error number	An error is encountered when issuing a Guardian Procedure Call.	Refer to *Guardian Procedure Errors and Messages Manual* for details. Please contact ETI-NET Support.

EMS Id	Module	Message	Parameters	Probable Cause	Action
3014	HCOM nucleus	LU <LU-name> MUST BE TYPE 6.2 AND OF ACQUIRE^MODE IN ORDER TO RECEIVE CINIT-REQUEST.	<LU-name> - Logical Unit name.	In order to receive CINIT, the LU must be defined as type 6.2 and ACQUIRE^MODE = YES. The CINIT is rejected with a negative response, with sense code of %H08010401.	None.
3015	HADS	UNABLE TO PROCESS USER DATA - UNKNOWN STATUS <status> IN ADD^SEG^TO^KEY PROCEDURE.	<status> - The unknown status value.	A new HADS segment is received, but its status is unknown.	HADS will abort.
3016	HCOM nucleus	MULTI-SEGMENT MESSAGE - INVALID COMPLETE CHAIN INDICATOR.		HCOM nucleus received a complete-chain transaction as part of a multi-segment transaction.	Please verify the transaction.
3018	HCOM nucleus	UNABLE TO PROCESS LU <LU-name> - UNKNOWN LU TYPE <type>.	<LU-name> - Logical Unit name. <type> - Unknown LU type.	The LU is defined with type different from 0, 2 or 6.2. HCOM will abort.	Correct the invalid LU type in HCOM configuration file, re-gen it, then restart HCOM file.
3019	HCOM nucleus	UNABLE TO PROCESS LU <LU-name> - UNRECOGNIZED STATUS <error> IN SNA^SENDER.	<LU-name> - Logical Unit name. <error> - error number	An internal error is reported when doing IO on the LU. HCOM nucleus will abort.	Please contact ETI-NET Support.
3020	HADS	UNABLE TO ADD KEY %H<key> TO EXTENDED POOL BUFFER - INSUFICIENT SPACE, DELETING SEGMENTS FROM MEMORY.	<key> - HADS key in hexadecimal.	HADS cannot add a new key to its Extended Segment Pool. Expired segments will be removed from the Pool.	None.
3021	HCOM nucleus	UNABLE TO PROCESS SAF RECORD – INSUFFICIENT SPACE FOR INTERNAL SAF TABLE.		Too many SAF transactions are being processed.	Please contact ETI-NET Support.
3022	HCOM nucleus	UNABLE TO PROCESS SAF RECORD – ERROR <error>.	<error> - error number	HCOM encountered error <error> when processing a SAF transaction destined to a Pathway Dispatcher. The most likely cause is invalid REPLY-CODEs.	Please verify your REPLY-CODEs in your transaction. They must be numeric values.

EMS Id	Module	Message	Parameters	Probable Cause	Action
3023	HCOM nucleus	UNABLE TO ALLOCATE CONTEXT DEPTH ENTRY.		HCOM nucleus receives a message from a Requestor, but its internal table indicates that the Requestor has exhausted all 15 nowait IOs to HCOM nucleus. (This is a clear sign that both sides are out-of-sync). HCOM nucleus will reply error 380 (HCOM error Message-out-of-sync) to the Requestor.	The Requestor might issue a RESETSYNC to HCOM nucleus.
3024	HCOM nucleus	UNABLE TO ALLOCATE A CONTEXT BUFFER.		HCOM nucleus receives a message from a Requestor, but it is unable to allocate an entry in its CONTEXT table. The Requestor will receive a response with RETURN CODE of 350, DETAIL CODE of 354.	Please contact ETI-NET Support if the problem persists.
3025	HCOM nucleus	UNABLE TO PROCESS OPEN – INSUFFICIENT SPACE FOR INTERNAL OPENER TABLE.		HCOM nucleus receives System Message –103 (Process-Open) from a Requestor, but it is unable to allocate an entry in its OPENER table. The Requestor OPEN (or FILE_OPEN_) will be rejected with error 351 (HCOM error)	Please contact ETI-NET Support if the problem persists.
3026	HCOM nucleus	UNABLE TO PROCESS SAF MULTI-SEGMENT MESSAGE, HADS ERROR <error>, QUEUE <queue>.	<error> - error number <queue> - Queue name	HCOM was processing a multi-segment SAF transaction, but the HADS manager process returned an error.	Please contact ETI-NET Support.
3029	HCOM nucleus	CLOSE PRIOR TO RECEIVING RESPONSE.		HCOM nucleus receives a CLOSE message from a Requestor, which still has an outstanding request being processes.	None.
3030	HCOM nucleus	CLOSE PRIOR TO RETURNING HINT RESPONSE.		HCOM nucleus receives a CLOSE message from a HINT process, which still has an outstanding request being processes.	None.
3031	HCOM nucleus	HCOM CLOSED BY A HCOM-DISPATCHER.		HCOM nucleus receives a CLOSE message from an HCOM Dispatcher	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
3032	HCOM nucleus	HCOM RECEIVED MESSAGE CANCELLATION(-38), MESSAGE TAG = <tag>	<tag> - IO tag.	HCOM nucleus receives System Message –38 (Queued Message Cancellation). The message will be removed from processing.	None.
3033	HCOM nucleus	USER MESSAGE CANCELED PRIOR TO RECEIVING RESPONSE		HCOM nucleus receives System Message –38 (Queued Message Cancellation) from a Requestor. The message will be removed from processing. The Requestor will receive error 380 as the reply for this message.	None.
3034	HCOM nucleus	HINT COMMAND CANCELED PRIOR TO RECEIVING RESPONSE.		HCOM nucleus receives System Message –38 (Queued Message Cancellation) from a HINT process. The outstanding request will be removed from processing. The HINT process will receive error 380 as the reply for this request.	None.
3035	HCOM nucleus	DISPATCHER COMMAND CANCELED PRIOR TO RECEIVING RESPONSE		HCOM nucleus receives System Message –38 (Queued Message Cancellation) from a HCOM Dispatcher.	None.
3036	HCOM nucleus	PRIMARY HCOM CANNOT COMMUNICATE WITH BACKUP, FILE ERROR <error>.	<error> - Returned error.	HCOM primary process received an error when checkpointing to its backup process. 2 is the value returned in the 1st 8-bits, and <nnnn> is the value returned in the last 8-bits.	HCOM backup process is stopped.
3037	HCOM nucleus	REMOTE CHAINED RESPONSE EXCEEDS MAXIMUM LENGTH, TRUNCATING.		A chained response is received from IBM, but its length is longer than expected by the Requestor process. It is truncated to the size expected by the Requestor process.	None.
3038	HCOM nucleus	CHECKSWITCH TO CPU <CPU>.	<CPU> - CPU number	The primary CPU is now up, HCOM issues a CHECKSWITCH to go back to is configured primary CPU.	None.
6500	ETIDIST	<procname> BACKUP PROCESS CREATED IN CPU <CPU>.	<procname> - ETIDIST process name <CPU> - CPU number	Information message. Informs user that ETIDIST backup process created on mentioned CPU	None.

EMS Id	Module	Message	Parameters	Probable Cause	Action
6501	ETIDIST	TAKEOVER BY BACKUP PROCESS <procname>.	<procname> - ETIDIST process name	Information message. Informs user that ETIDIST backup process has become the primary process	None.
6502	ETIDIST	ETINET ETIDIST VERSION <version> (<date>), COPYRIGHT ETI-NET 2000	<version> - ETIDIST version number. <date> - Version date	Information message. Show ETIDIST version number, version date , and copyright information.	None.
6503	ETIDIST	ETIDIST PRIMARY PROCESS STOPPED.		Information message. Informs user that ETIDIST primary process stopped.	None.
6504	ETIDIST	ETIDIST PRIMARY PROCESS ABENDED.		Informational message. Informs user that ETIDIST primary process ABENDed.	None.
6505	ETIDIST	<procname> BACKUP CPU <CPU> UP.	<procname> - ETIDIST process name <CPU> - CPU number	Information message. Informs user that ETIDIST backup process CPU is up.	None.
6506	ETIDIST	<procname> BACKUP CPU <CPU> DOWN, CPU FAILURE.	<procname> - ETIDIST process name <CPU> - CPU number	Information message. Informs user that ETIDIST backup process CPU is down.	None.
6507	ETIDIST	RETRY LIMIT REACHED TRYING TO START BACKUP, <procname> WILL RUN WITH NO BACKUP.	<procname> - ETIDIST process name	Information message. Informs user that the retry limit has been reached and backup process was not created. So, the ETIDIST process will run without backup process.	None.
6510	ETIDIST	UNKNOWN OPERATION <function> ERROR ON <filename>, <error>.	function> - Guardian procedure name <filename> - File name <error> - Guardian error	Internal error	Contact ETI-NET Support.
6511	ETIDIST	<function> ERROR ON <filename>, <error>.	function> - Guardian procedure name <filename> - File name <error> - Guardian error	User or Internal error.	There are numbers of error reasons following by this message. Error message contains failed Guardian procedure name, File name and Guardian error. Refer to *Guardian Procedures Errors and Messages* Manual and try to resolve this problem. If the problem cannot be resolved then contact ETI-NET Support.

EMS Id	Module	Message	Parameters	Probable Cause	Action
6512	ETIDIST	UNKNOWN OPERATION <function> ERROR ON <filename>, <error> STATUS <err-detail>.	<function> - Unknown Guardian procedure code <filename> - File name <error> - File-system error <err-detail> - value indicating the cause of file-system error	Internal error.	Contact ETI-NET Support.
6513	ETIDIST	<function> ERROR ON <filename>, <error> STATUS <err-detail>.	<function> - Guardian procedure name <filename> - File name <error> - File-system error <err-detail> - value indicating the cause of file-system error	User or Internal error. An operation on Guardian procedure <function> reports an error, and an error detail.	Error message contains failed Guardian procedure name, File name, Guardian error, and error-detail. Refer to *Guardian Procedures Errors and Messages* Manual and try to resolve this problem. If the problem cannot be resolved then contact ETI-NET Support.
6514	ETIDIST	SSGETTKN ERROR <error> ON EVENT <EVENT>.	<error> - Status value returned by SSGETTKN procedure <EVENT> - Event number	System or Internal error occurred when attempting to extract tokens and related information from an SPI buffer.	Contact ETI-NET Support.

HCOM Return Codes and Detail Codes

Possible return codes and detail codes returned from HCOM to user application.

Return Code	Detail Code	Explanation
300		INVALID MESSAGE ID
310		INVALID MESSAGE SYNTAX:
	311	Process name not found on request
	312	PATHWAY name not found on request
	313	Server class not found on request
	314	Destination is absent) *(for HCOM IMS)*
	315	LTERM is absent *(for HCOM IMS)*
	316	Invalid LU-POOL-ID specified
	317	Invalid process name
	318	Invalid Option flag
	319	TIMEOUT value is NOT specified
	320	Invalid TIMEOUT value
	321	Invalid Dispatcher routing
	322	TANDEM name absent
	323	Undefined LU ALLOCATION ID
	324	LU ALLOCATION ID is in used
	325	LU ALLOCATION ID is NOT found
	326	Invalid DETAIL CODE
	327	Invalid MAP NAME *(for HCOM IMS)*
	328	Invalid expected REPLY CODE
	328	Invalid PATHWAY NAME
	330	Operation not allowed with Multi Segment transaction *(for HCOM IMS)*
	331	Invalid expected reply length specified (last 2 bytes of expected reply code)
350		HCOM RESOURCE ERROR
	351	OPENER Table is full
	352	Insufficient context space
	353	No LU available
	354	Insufficient context memory
	355	No SAF LU available
	356	No DISPATCHER found
	357	PROCESS Table is full
	358	Maximum of reserved LU reached
	359	Transaction Queue Table is full
	360	LU was aborted by operator
	361	Transaction not queued, all LUs in pool are busy
370		GUARDIAN ERROR
	40	In case of a TIMEOUT, this code means that the IBM has NOT received the message from HCOM
	401	In case of a TIMEOUT, this code means that the IBM has already received the message from HCOM (only if LU^POOL's POSITIVE RESPONSE is set to YES)
	Other	DETAIL CODE shows the Guardian error; please refer to *Guardian Procedure Error and Message* Manual for meaning.

Return Code	Detail Code	Explanation
371		SAF GUARDIAN ERROR
372		SNAX/HLS ERROR
373		SNAX/HLS DFS ERROR
374		SNAX/HLS DFH ERROR
375		HCOM IMS ERROR
376		HCOM CICS ERROR
377		INVALID HINT MESSAGE
378		INVALID REQUESTOR OPEN
379		INVALID REQUESTOR CLOSE
380		MESSAGE OUT OF SYNC
381		MESSAGE TOO LARGE
382		SNAX ERROR
383		SNAX DFS ERROR
384		SNAX DFH ERROR
385		POSSIBLE DATA LOSS
386		REPLY MESSAGE TRUNCATED
387		HMAP ERROR ENCOUNTERED
388		IMS RETURNED AN ERROR (SENSE DATA)
389		CICS RETURNED AN ERROR (SENSE DATA)
390		LU 6.2 RETURNED AN ERROR (BINARY SENSE DATA)
391		MESSAGE IS TOO SMALL

HCOMGEN User Messages

During HCOM generation, the following error/diagnostic messages can appear:

Message	Explanation
*** CREATED INCOMING QUEUE, ACTIVATION TYPE = A ***	HCOMGEN creates a default INCOMING queue because the user neglected to create one.
*** CREATED SYSTEM QUEUE, ACTIVATION TYPE = 0, NO LU NAME, NO DEFAULT SIGNON ***	HCOMGEN creates a default SAF queue for each LU^POOL that the user neglected to create.
END OF ETINET/HCOMGEN CONFIGURATION FILE GENERATION	Last message generated by HCOMGEN.
ERRORS DETECTED = nnnn	Summary message displays the number of errors detected during HCOM generation.
*** ERROR - <keyword> DUPLICATE DEFINITION ***	User specifies *<keyword>* more than one in the Configuration file.
*** ERROR - AUDIT^FILE MUST BE SUPPLIED ***	User must supply the AUDIT^FILE keyword in the Configuration file.
*** ERROR - DUPLICATE LU DEFINITION ***	User must define a unique LU.
*** ERROR - DUPLICATE (POOL OR ALIAS) DEFINITION ***	User must define a unique pool name and ALIAS.
*** ERROR - DUPLICATE QUEUE-ID DEFINITION ***	User must define a unique Queue name.
*** ERROR - EXCEPTION^FILE MUST BE SUPPLIED ***	User must supply the EXCEPTION^FILE keyword in the Configuration file.
*** ERROR – INSUFFICIENT INFORMATION SPECIFIED ***	User must define all required IBM-QUEUE parameters in the Configuration file. The following keywords are required: IBM^SAF^INTERVAL, IBM^TRANS^NAME and IBM^SAF^NAME.
*** ERROR - INVALID IBM QUEUE KEYWORD ENCOUNTERED ***	User must define a valid IBM-QUEUE parameter in the Configuration file.
*** ERROR - INVALID IDENTIFIER ENCOUNTERED ***	User entered an unrecognized parameter in the Configuration file.
*** ERROR - INVALID INFORMATION SPECIFIED ***	For INCOMING queue, LU and DEFAULT-SIGNON must NOT be specified.
*** ERROR - INVALID LU KEYWORD ENCOUNTERED ***	User must define a valid LU parameter in the Configuration file.
*** ERROR - INVALID LU PARAMETERS ***	User defined a destination for a SEND/RECEIVE LU. Destination valid only for receive LU.
*** ERROR - INVALID LU SPECIFIED FOR QUEUE : <queue-name> ***	The LU attached to *<queue-name>* is NOT defined in the Configuration file.
*** ERROR - INVALID LU^TYPE SPECIFIED ***	Valid LU type must be "0", "2" or "6.2".
*** ERROR - INVALID LU^POOL KEYWORD ENCOUNTERED ***	User must supply a valid LU^POOL keyword in the Configuration file.
*** ERROR - INVALID OPTION KEYWORD ENCOUNTERED ***	User must supply a valid OPTION keyword in the Configuration file.

Message	Explanation
*** ERROR - INVALID QUEUE KEYWORD ENCOUNTERED ***	User must supply a valid QUEUE keyword in the Configuration file.
*** ERROR - INVALID QUEUE-ID NAME SPECIFIED ***	A SAF queue name cannot be 'INCOMING'..
*** ERROR – INVALID SYNTAX, COMMAND NOT ENDED ***	User did not enter semicolon (;) at the end of a command line.
*** ERROR – INVALID SYNTAX, EXPECTING END OF COMMAND ***	User entered an invalid command line in the Configuration file.
*** ERROR – INVALID SYNTAX, UNEXPECTED END OF TEXT ***	User entered an invalid command line in the Configuration file.
*** ERROR – INVALID SYNTAX, UNEXPECTED UNIT SIZE ***	For IBM^SAF^INTERVAL keyword, valid unit sizes are 'MIN', 'MINS', 'SEC' and 'SECS'. Default is 'MINS'.
*** ERROR – INVALID SYNTAX, UNEXPECTING 'MINS' or 'SECS' ***	For IBM^SAF^INTERVAL keyword, valid unit sizes are 'MIN', 'MINS', 'SEC' and 'SECS'. Default is 'MINS'.
*** ERROR – INVALID SYNTAX, UNEXPECTING YES OR NO ***	For some keywords, valid values are 'YES' or 'NO'.
*** ERROR - INVALID TRACE KEYWORD ENCOUNTERED ***	User entered an unrecognized TACE keyword in the Configuration file.
*** ERROR - INVALID VALUE SPECIFIED ***	User entered an invalid command line value in the Configuration file.
*** ERROR - INVALID UNSOLICITED KEYWORD ENCOUNTERED ***	User must define a valid UNSOLICITED^PROCESS parameter in the Configuration file.
*** ERROR - LU FOR QUEUE <queue-name> IS NOT A SEND/RECEIVE LU ***	The LU attached to <*queue-name*> must be of type Send/Receive.
*** ERROR - LU^POOL MUST BE SUPPLIED ***	User must supply the LU^POOL parameter in the Configuration file.
*** ERROR – MAXIMUM QUEUES DEFINED ***	User defines too many queues in the Configuration file.
*** ERROR - MISSING LU-MODE PARAMETERS ***	User must supply LU^MODE parameter in the LU definition.
*** ERROR - MISSING LU-POOL PARAMETERS ***	User must supply LU^POOL parameter in the LU definition.
*** ERROR - MISSING POOL PARAMETERS ***	User must supply LU^TYPE and TP^MONITOR parameter in the LU^POOL definition.
*** ERROR - MUST SUPPLY A VALID POOL ID ***	When defining LU, an invalid LU-POOL was supplied.
*** ERROR -PASSWORD MUST BE SUPPLIED ***	User must supply a valid Password in the Configuration file.
*** ERROR –POOL ID FOR QUEUE <queue-name> MUST BE DEFINED ***	The SAF queue <*queue-name*> must be defined with an associated pool.
*** ERROR - QUEUE ID: <queue-name> MUST NOT = LOGICAL ID OF <pool-name> ***	User must define a different queue name from LU^POOL aliases.
*** ERROR - QUEUE ID: <queue-name> MUST NOT = QUEUE POOL ID ***	User must define a different queue name from LU^POOL name.
*** ERROR - SAF^FILE MUST BE SUPPLIED ***	User must supply the SAF^FILE parameter in the Configuration file.
*** ERROR - SECURITY MUST BE SUPPLIED ***	User must supply the security parameter in the Configuration file.
*** ERROR - TOO MANY ALIAS DEFINITIONS ***	User must define a maximum of 8 ALIASES per LU^POOL.
ERROR - TOO MANY LU^POOL DEFINITIONS SPECIFIED *	User defined too many LU^POOLs. Maximum is 8.

Message	Explanation
*** ERROR - TOO MANY RESERVED LUS SPECIFIED ***	The number of MAX^RESERVED^LU is greater than the number of "Send/Receive" LUs in the Configuration file.
*** ERROR - TOO MANY UNSOLICITED SPECIFIED ***	Too many UNSOLICITED^PROCESS definition is defined. Maximum is 8.
*** ERROR – TWO QUEUES CANNOT USE THE SAME LU ***	The same LU is attached in two different queues.
*** ERROR – TWO QUEUES CANNOT USE THE SAME LU-POOL ***	Only 1 queue can be defined per LU-POOL.
*** ERROR – TYPE 'PRIMARY' IS VALID ONLY FOR LU 6.2 ***	For LU definition, .TYPE 'PRIMARY' is reserved for LU 6.2.
ETINET/HCOMGEN – <function> ERROR <error> ON ALTERNATE CONFIGURATION FILE	<function> - Guardian Procedure Call reporting the error. <error> - returned error number An error occurred on the Configuration alternative-key file. Refer to the *Guardian Procedure Error and Message* Manual for <error>
ETINET/HCOMGEN – <function> ERROR <error> ON CONFIGURATION FILE	<function> - Guardian Procedure Call reporting the error. <error> - returned error number An error occurred on the Configuration file. Refer to the *Guardian Procedure Error and Message* Manual for <error>
ETINET/HCOMGEN – HCOM CONFIGURATION FILE MUST HAVE AN ALTERNATIVE-KEY FILE.	The Configuration file MUST have 1 alternative-key file. Correct and re-submit.
ETINET/HCOMGEN – HCOM CONFIGURATION FILE MUST HAVE ONLY 1 ALT-KEY FILE.	The Configuration file MUST have 1 alternative-key file. Correct and re-submit.
ETINET/HCOMGEN – INVALID HCOM CONFIGURATION FILE SPECIFIED	An invalid Configuration file name was specified at startup. Correct and re-submit.
ETINET/HCOMGEN – VERSION <version> (<version-date>) yyyy-mm-dd hr:mn:sc	HCOMGEN start up banner, showing the version and the start date/time.
HCOMGEN CONFIGURATION FILE CREATED IS VALID	Summary Message: Configuration file is valid.
HCOMGEN CONFIGURATION FILE CREATED IS INVALID	Summary Message: Configuration file is invalid.
WARNINGS DETECTED = nnnn	Summary message displays the number of warnings detected during HCOM generation.
*** WARNING ACTIVATION TYPE SET TO 'A' BY DEFAULT' ***	The ACTIVATION keyword is not specified for QUEUE. The default is 'A'.
*** WARNING ACTIVATION TYPE SET TO 'O' WHEN NO LU NAME HAS BEEN DEFINED' ***	For non INCOMING queue with no LU attached, if ACTIVATION type 'A', it is set to 'O'. The queue can be activated ONLY after an LU is attached to it.
*** WARNING ACTIVATION TYPE SET TO 'O' WHEN NO POOL^ID HAS BEEN DEFINED' ***	For non INCOMING queue with no LU-POOL specified, if ACTIVATION type 'A', it is set to 'O'.
*** WARNING - DEFAULTING TO 'AUTO-STARTUP' YES' ***	The LU^AUTO^START keyword is not specified. The default is YES.
*** WARNING - INCOMING QUEUE NOT DEFINED ***	User did not define the INCOMING queue. HCOMGEN will create a default one.
*** WARNING - LOG^FILE NOT SPECIFIED ***	User did not supply the LOG^FILE parameter in the Configuration file. $0 is used by HCOM as default.
*** WARNING - LU MUST BE SUPPLIED ***	User must supply LU(s) in the Configuration file.

Message	Explanation
*** WARNING - LU RETRY ATTEMPTS HAS NO LIMIT ***	The LU^RETRY^LIMIT keyword is not specified. The default is NO-LIMIT.
*** WARNING NO SYSTEM QUEUE CREATED FOR POOL^ID: <pool-name> ***	User should define a SAF queue for each LU^POOL. HCOMGEN will create a default queue for the LU pool.
*** WARNING - NUMBER OF RECEIVE LU = 0 ***	User did not define a Receive LU in of the Configuration file.
*** WARNING - NUMBER OF SEND/RECEIVE LU = 0 ***	User did not define an S/R LU in of the Configuration file.
*** WARNING - NUMBER OF S/R LU = 0 FOR LU^POOL: <pool-name>	User defined a receive LU for LU^POOL *<pool-name>* but no send/receive LU. It may cause problems for HCOM when the response is sent to the TP^MONITOR.
*** WARNING - REPORT^PROGRAM^FILE NOT SUPPLIED ***	User must supply the parameter - REPORT^PROGRAM^ FILE in the Configuration file, otherwise HCOM will not be able to submit the REPORT^COMMAND^FILE at shutdown time.

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