

ATM Messages

Overview of Messages

ATM000_FF	ATM001_20	ATM002_20	ATM003_20	ATM004_20	ATM005_20
ATM006_20	ATM007_20	ATM008_10	ATM009_20	ATM010_20	ATM011_20
ATM012_20	ATM013_20	ATM014_20	ATM015_10	ATM016_20	ATM017_20
ATM018_20	ATM019_20	ATM020_04	ATM021_08	ATM022_20	ATM023_04
ATM024_10	ATM025_10	ATM026_10	ATM027_10	ATM028_10	ATM029_10
ATM030_10	ATM031_10	ATM032_10	ATM033_10	ATM034_10	ATM035_10
ATM036_08	ATM037_08	ATM038_00	ATM039_04	ATM040_00	ATM041_00
ATM042_10	ATM043_04	ATM044_04	ATM045_04	ATM046_04	ATM047_20
ATM048_08	ATM049_04	ATM050_20	ATM051_20	ATM052_20	ATM054_20
ATM055_20	ATM056_10	ATM057_10	ATM058_10	ATM059_10	ATM060_10
ATM061_10	ATM062_10	ATM063_10	ATM064_10	ATM065_00	ATM066_04
ATM067_10	ATM068_04	ATM069_10	ATM070_10	ATM071_10	ATM072_10
ATM073_10	ATM074_10	ATM075_10	ATM076_10	ATM077_10	ATM078_10
ATM080_08	ATM081_08	ATM082_08	ATM083_08	ATM084_10	ATM085_10
ATM086_10	ATM087_10	ATM088_10	ATM089_10	ATM090_04	ATM091_04
ATM092_10	ATM095_08	ATM096_08	ATM097_08	ATM098_08	ATM099_08
ATM100_08	ATM101_08	ATM102_10	ATM103_08	ATM104_10	ATM110_04
ATM113_04	ATM114_04	ATM116_04	ATM117_04	ATM119_04	ATM122_20
ATM124_08	ATM125_10	ATM126_04	ATM127_04	ATM128_04	ATM129_08
ATM130_20	ATM131_10	ATM132_10	ATM133_10	ATM134_10	ATM135_10
ATM136_10	ATM137_10	ATM138_10	ATM139_10	ATM140_10	ATM141_04
ATM144_08	ATM159_20	ATM160_10	ATM161_04	ATM163_04	ATM164_04
ATM167_10	ATM168_10	ATM169_10	ATM171_08	ATM172_10	ATM173_08
ATM174_10					

ATM000_FF NO TEXT

Explanation One of the following occurred:

- an unexpected error
- an error created intentionally by ZAP

Action If the error was unexpected, contact your Software AG support representative.

ATM001_20 ADABAS VERSION NOT SUPPORTED BY ATM

Explanation The Adabas Transaction Manager cannot be used with this version of Adabas.

Action Use a version of Adabas that ATM supports.

ATM002_20 ATM DATABASE OP FAILED, RSP/SUBCODE rsp/subcode

Explanation The ATM recovery database failed to open for the reason indicated.

Action Correct the cause of the response code and restart the ATM transaction manager.

ATM003_20 UNABLE TO LOAD module-name

Explanation The named module could not be loaded.

Action Ensure that the module is in a library from which it can be loaded dynamically.

ATM004_20 UNABLE TO OPEN DDCARD

Explanation The ATM transaction manager could not open the DDCARD dataset.

Action Check the DDCARD dataset.

ATM005_20 ERROR READING DDCARD

Explanation An error occurred when the ATM transaction manager attempted to read a record from DDCARD.

Action Check the DDCARD dataset.

ATM006_20 PARAMETER ERROR

Explanation A parameter is incorrectly specified in the DDCARD input. The first ATM006 message is followed by two additional messages, each prefixed with ATM006, displaying the parameter statement in error and indicating the position at which the error was detected.

Action Correct the parameter specification and restart the ATM transaction manager.

ATM007_20 COR GROUP ALREADY HAS MANAGER: manager

Explanation The ATM manager indicated in the message is already active locally in the local COR group. It is not possible to have more than one ATM transaction manager associated with the same COR group and executing in the same location (that is, under the same Adabas ID table, or Adabas SVC).

Action Do not attempt to run more than one ATM transaction manager under the same ID table and associated with the same COR group.

ATM008_10 AWAITING CONTACT FROM LOCAL SYSCO DAEMON

Explanation The ATM transaction manager cannot complete its initialization process until the associated Adabas System Coordinator daemon provides it with essential operational information.

Action Check that there is an Adabas System Coordinator daemon running under the same ID table (Adabas SVC) as the ATM transaction manager.

ATM009_20 REGISTER FOR event-type FAILED. reason

Explanation The ATM transaction manager attempted to register with the local SYSCO daemon, for notification of certain events (“event-type”), but the attempt failed. A summary reason might be given.

Action Check the availability of the local SYSCO daemon. If the SYSCO daemon is available, and the reason for the error is not apparent from the details in the error message, contact your Software AG support representative, noting the value of “reason”.

ATM010_20 GENERAL GETMAIN FAILED

Explanation ATM was unable to acquire enough storage to initialize.

Action Increase the amount of memory available to the job and restart it.

ATM011_20 GETMAIN ERROR DURING INITIALIZATION OF queue-area

Explanation ATM was unable to acquire enough storage to initialize the queue area indicated.

Action Increase the amount of memory available to the job and restart it.

ATM012_20 UNABLE TO ACQUIRE STORAGE FOR area-name

Explanation ATM was unable to acquire enough storage for the area named.

Action Increase the amount of memory available to the job and restart it.

ATM013_20 INITIALIZATION ERROR. FUNCTION/RF: function/rf

Explanation An error occurred during the initialization of an interface to an external transaction coordinator.

Action Check the documentation for the external transaction coordinator being used to determine the meaning of the return code (value “rf”). If the cause of the problem is still not apparent, contact your Software AG support representative, noting the values of “function” and “rf”.

ATM014_20 RRMS LOGNAME CHECK FAILED

Explanation This message relates to the initialization of the ATM interface with RRMS. The ATM Database ID has changed since ATM was last used with this RRMS system.

Action The ATM Database ID must not be changed while there are global transactions in progress. If you have changed the Database ID and are sure that there were no incomplete global transactions, you can override this initialization error using the ADARUN parameter `TMRESTART=FORCE`.

ATM015_10 RRMS LOGNAME INCONSISTENCY OVERRIDDEN

Explanation This message relates to the initialization of the ATM interface with RRMS. The ATM Database ID has changed since ATM was last used with this RRMS system, but the inconsistency was ignored because of the setting of the ADARUN parameter `TMRESTART`.

Action None. This message is for information only.

ATM016_20 RRMS HAS LOST HARDENED RESTART DATA

Explanation This message relates to the initialization of the ATM interface with RRMS. Because RRMS has lost some restart data, integrity cannot be guaranteed for incomplete transactions that were under the control of RRMS.

Action If it is not possible to recover the RRMS restart data, you can use the ADARUN parameter `TMRESTART` to force the ATM transaction manager to initialize. Details of any incomplete transactions are then transferred to the STJ file and can be examined using the SYSATM application.

ATM017_20 FAILED TO OPEN ATMLOG. RC/RF:rc/rf

Explanation The ATM transaction manager was unable to open the ATMLOG1 or ATMLOG2 dataset.

Action Check the definition of the ATMLOG1/2 datasets. If the cause of the error is not apparent, report the problem to your Software AG support representative, noting the values of “rc” and “rf”.

ATM018_20 DTP=TM NOT SPECIFIED FOR NODE dbid

Explanation The database (dbid) is expected to be an ATM transaction manager, but it behaves as if it is not executing as an ATM transaction manager.

Action Check that DTP=TM is specified in the ADARUN parameters of the indicated database.

ATM019_20 RRS IS NOT ACTIVE; ATM WILL WAIT AND RETRY

Explanation This message relates to the initialization of the ATM interface with RRMS. Initialization cannot complete because the RRS component of RRMS is not available.

Action Report the problem to your systems programming staff. The ATM transaction manager cannot initialize until RRS is active again.

ATM020_04 RRS EXITS HAVE BEEN SET

Explanation If the ATM transaction manager is started with the parameter TMSYNCMGR=RRMS, this message is issued when the ATM RRMS interface has been initialized.

ATM021_08 RRS RESTART FINISHED

Explanation If the ATM transaction manager is started with the parameter TMSYNCMGR=RRMS, this message is issued when ATM transaction manager finishes telling RRS how to handle any transactions that previously failed to complete.

ATM022_20 PARM SEND TO TM FAILED. JOB/RSP/SUB/RC: job/rsp/sub/rc'

Explanation This message is issued by a SYSCO daemon when it tries, and fails to supply parameters to an ATM transaction manager that is initializing. The transaction manager's job name ("job") is given, if this is known; otherwise the transaction manager's Database ID is given. A response code ("rsp"), subcode ("sub") and return code ("rc") might also be given.

Action Check that the transaction manager identified in the message is active. If the cause of the error is not apparent, contact your Software AG support representative, noting the values of the variables in the message.

ATM023_04 ISN: isn

Explanation This message is preceded by message ATM025 or ATM033. It indicates the ISN associated with the error.

Action Refer to the explanation of the previously issued message.

ATM024_10 ERROR DURING DB RESTART; ID/ERR: dbid/error-code

Explanation The error (error-code) occurred during restart processing for the database (dbid).

Action Refer to the descriptions of the possible error codes. If the cause of the error is not clear, report the details to your Software AG support representative, noting the values of the variables.

ATM025_10 ERROR IN ATM RESTART; ID/RSP/SUB/CMD: dbid/rsp/sub/cmd

Explanation An unexpected response code (rsp) was encountered during restart processing for the ATM transaction manager (dbid). The response code, subcode (sub), and command code (cmd) are provided. An ATM023 message may follow, providing an associated ISN.

Action If the cause of the error is not clear from the description of the response code, report the details to your Software AG support representative, noting the values of the variables.

ATM026_10 ERROR DURING ATM RESTART; ID/ERR: dbid/error-code

Explanation The error (error-code) occurred during restart processing for the partner ATM transaction manager (dbid).

Action Refer to the descriptions of the possible error codes. If the cause of the error is not clear, report the details to your Software AG support representative, noting the values for the variables.

ATM027_10 ATM RESTART. MAX PARTNERS EXCEEDED. USER userid

Explanation The maximum number of partner ATM transaction managers indicated by the ADARUN parameter TMNODES is not sufficient to perform restart processing for incomplete transactions.

The error occurred while ATM was attempting restart processing for the user whose Client ID is “userid”. This message is followed by an ATM087 message providing the user’s 28-byte Communication ID.

The transaction manager continues to execute, but cannot complete restart processing for transactions affected by the error.

Action Set the TMNODES parameter to 191 and restart ATM.

ATM028_10 DB RESTART. MAX TARGETS EXCEEDED. USER userid

Explanation ATM is unable to perform restart processing for an incomplete transaction because the number of databases involved in the transaction exceeds the maximum possible.

The error was detected while ATM was attempting restart processing for the user whose Client ID is “userid”. This message is followed by an ATM087 message providing the user’s 28-byte Communication ID.

The transaction manager continues to execute, but cannot complete restart processing for transactions affected by the error.

Action Contact your Software AG support representative.

ATM029_10 PARTNER/DB RESTART ABORTED; ID/ERR: dbid/error-code

Explanation The error indicated occurred during restart processing associated with the database or ATM identified by “dbid”.

The transaction manager continues to execute, but cannot complete restart processing for transactions affected by this error.

Action Refer to the descriptions of the possible error codes. If the cause of the error is not apparent, report the details to your Software AG support representative, noting the error code.

ATM030_10 ERROR DURING TRAN RESTART; ID/ERR//COMMID: dbid/error-code

Explanation The error indicated occurred during restart processing for an incomplete transaction. The database associated with the error is identified by “dbid”.

The message is followed by an ATM032 message giving the Client ID of the transaction’s owner, and an ATM087 message giving the user’s 28-byte Communication ID.

Action Refer to the descriptions of the possible error codes. If the cause of the error is not apparent, report the details to your Software AG support representative, noting the error code.

ATM031_10 ERROR DURING BRANCH RESYNC; ID/ERR//COMMID: dbid/error-code

Explanation The error indicated occurred while ATM was attempting to synchronize restart for an incomplete transaction branch with a partner ATM transaction manager. The partner transaction manager associated with the error is identified by “dbid”.

The message will be followed by an ATM032 message giving the Client ID of the transaction’s owner, and an ATM087 message giving the user’s 28-byte Communication ID.

Action Refer to the descriptions of the possible error codes. If the cause of the error is not apparent, report the details to your Software AG support representative, noting the error code.

ATM032_10 RESTART ERROR FOR USER userid

Explanation This message refers to a previous error message and gives the Client ID of the user associated with the previous error.

Action Refer to details for the preceding message.

ATM033_10 ERROR DURING DB RESTART; ID/RSP/SUB/CMD: dbid/rsp/sub/cmd

Explanation An unexpected response code was encountered during restart processing for database “dbid”. The response code, subcode, and command code are provided. An ATM023 message may follow, providing an associated ISN.

Action If the cause of the error is not clear from the description of the response code, report the details to your Software AG support representative, noting the value of the variables.

ATM034_10 MEMCHK REGISTER FAILED FOR DB. DB/RSP/SUB/RC: dbid/rsp/sub/cmd

Explanation An unexpected condition was encountered when the transaction manager attempted to register a database job for notification, by the SYSCO daemon, of certain events. This can happen during initialization of an ATM manager, or when a database is started.

Action Check the availability of the local SYSCO daemon. If the SYSCO daemon is available, and the cause of the error is not clear from the details in the message, contact your Software AG support representative, noting the values of the variables given in the message.

ATM035_10 PEER NOTIFY ERROR. ID/RSP/SUB/RC/TM: id/rsp/subcode/rc/peer

Explanation This message can be issued by an Adabas System Coordinator daemon. It indicates that an error occurred while the SYSCO daemon was trying to notify its local ATM transaction manager that another ATM manager had started in the same COR group, elsewhere in the network. The message identifies the local ATM daemon (value "id") and the remote ATM that is starting (value "peer"), and gives details of the error, which can include an Adabas response code and subcode (values "rsp" and "subcode"), or an ATM error code (value "rc").

Action If the cause of the error is not clear from the description of the response code or error code, report the details to your Software AG support representative, noting the values of the variables in the message.

ATM036_08 ATM NUCLEUS INITIALIZATION STARTED

Explanation This message appears during the initialization of an ATM transaction manager, and indicates that initialization of the transaction manager's environment has started.

Action None. This message is for information only.

ATM037_08 COR GROUP/DAEMON: group/jobname

Explanation This message is issued by an ATM transaction manager at the end of its initialization process. It identifies the Ababas System Coordinator group that the transaction manager is associated with, and the job name of the local COR daemon.

Action None. This message is for information only.

ATM038_00 FURTHER RESTART ERROR MESSAGES WILL BE SUPPRESSED

Explanation This message is issued during ATM restart when the transaction manager has issued 100 error messages. It indicates that any additional errors encountered during the restart process will be written to the DDPRINT dataset only, and not to the console.

Action None. This message is for information only.

ATM039_04 TRANSACTION RESTART NOT POSSIBLE FOR DB dbid

Explanation This message is preceded by message ATM025. It indicates that serious errors prevent the transaction manager from restarting affected transactions.

Action Correct the error reported in the ATM025 message; then restart the database indicated in the message.

ATM040_00 TRANSACTION RESTART DEFERRED FOR INACTIVE DB dbid

Explanation This message might be issued during an transaction manager's restart processing. Incomplete transactions exist that involve the database indicated. It is not possible for the transaction manager to resolve them because the database is not available.

Action This message is for information only. Restart processing for such transactions occurs when the indicated database is restarted.

ATM041_00 TRANSACTION RESTART DEFERRED FOR INACTIVE NODE dbid

Explanation This message might be issued during an transaction manager's restart processing. Incomplete transactions exist that involve the partner transaction manager indicated by "dbid". It is not possible for the TM to resolve them because the partner TM is not active.

Action This message is for information only. Restart processing for such transactions occurs when the indicated TM is restarted.

ATM042_10 NUMBER OF WARNING MESSAGES SUPPRESSED: count

Explanation This message is issued by an ATM transaction manager at the end of restart processing if the number of error messages during restart processing exceeded 100.

Action This message is for information only. The suppressed messages can be found in the DDPRINT dataset.

ATM043_04 NUMBER OF TRANSACTIONS COMPLETED DURING RESTART: count

Explanation This message is issued by an ATM transaction manager at the end of restart processing. It indicates the number of previously incomplete transactions that were completed (by completing the commit process) during ATM restart processing.

Action This message is for information only.

ATM044_04 NUMBER OF TRANSACTIONS BACKED OUT DURING RESTART: count

Explanation This message is issued by an ATM transaction manager at the end of restart processing. It indicates the number of previously incomplete transactions that were backed out during ATM restart processing.

Action This message is for information only.

ATM045_04 NUMBER OF TRANSBRANCHES PENDING AFTER RESTART: count

Explanation This message is issued by an ATM transaction manager at the end of restart processing. It indicates the number of incomplete transactions or transaction branches that could not be completed or backed out during ATM restart processing, and so remain incomplete. These transactions remain incomplete until they can be completed or fully backed out.

Note:

This message is issued before the transaction manager attempts to resynchronize incomplete transactions that are controlled by the CICS syncpoint manager or by RRS.

Action This message is for information only.

ATM046_04 NUMBER OF TRANSBRANCHES TRANSFERRED TO STJ: count

Explanation This message is issued by an ATM transaction manager at the end of restart processing. It indicates the number of incomplete transactions or transaction branches that could not be completed or backed out during the daemon recovery restart processing, and that were removed and recorded in the suspect transaction journal file in the transaction manager's database. The number indicated should be zero unless the TMRESTART parameter indicates a forced restart.

Action This message is for information only.

ATM047_20 ATM INITIALIZATION FAILED

Explanation A serious error prevented the transaction manager from initializing. Previous messages should indicate the reason.

Action Refer to the explanations of preceding error messages.

ATM048_08 ATM NUCLEUS INITIALIZATION COMPLETE, Vvers, SESSION sess

Explanation This message marks the successful completion of an ATM transaction manager's initialization processing. The version, release, and maintenance level of ATM are displayed, followed by the session number (sess) for this execution of the transaction manager.

Action This message is for information only.

ATM049_04 NUMBER OF ERRORS READING RECOVERY RECORDS: count

Explanation This message appears at the end of the transaction manager's initialization processing if any errors were encountered reading recovery records.

Action The message is for information only. For information about the errors encountered, refer to the error messages that precede this message.

ATM050_20 'SIGN-OFF' FAILED, RESPONSE CODE rsp

Explanation This message can appear during the closedown process of a nucleus that was running with DTP=RM. It indicates that the nucleus called the local ATM transaction manager to notify it of the closedown, but the command failed with response code "rsp".

Action Nucleus termination will continue. Any incomplete global transactions will be resynchronized when the nucleus next communicates with the ATM transaction manager.

ATM051_20 'SIGN-OFF' FAILED, ERROR CODE error-code

Explanation This message can appear during the closedown process of a nucleus that was running with DTP=RM. It indicates that the nucleus called the local ATM transaction manager to notify it of the closedown, but ATM returned the error code "error-code".

Action Check the meaning of the given error code, to see if ATM needs any corrective action. Nucleus termination will continue. Any incomplete global transactions will be resynchronized when the nucleus next communicates with the transaction manager.

ATM052_20 PROTOCOL ERROR. ATM NOT INITIALIZED.

Explanation This message is issued if an ATM transaction manager receives an operator command before it has completed its initialization processing.

Action Wait, and re-issue the command later.

ATM054_20 HANDSHAKE ERROR; ID/RSP/SUB/CMD: dbid/rsp/sub/cmd

Explanation An error occurred while the transaction manager was trying to handshake with the partner transaction manager identified by “dbid”. The error was an unexpected Adabas response code (rsp). The subcode (sub) and command code (cmd) are provided.

Action If the cause of the error is not clear from the description of the response code, report the details to your Software AG support representative, noting the values of the variables.

ATM055_20 HANDSHAKE ERROR; ERR/QERR: error-code/queue-error

Explanation An error occurred while the transaction manager was attempting to handshake with a partner transaction manager. The error code and, if applicable, a queue management error are provided.

Action Refer to the descriptions of the possible error codes. If the cause of the error is not apparent, report the details to your Software AG support representative, noting the error code.

ATM056_10 WARNING THRESHOLD REACHED FOR POOL: pool-name

Explanation When a certain pool in storage reaches 85% full (rounded down, minimum value 1), this message is issued as a warning.

Action Check the high-water mark for the indicated parameter, and if necessary increase the appropriate parameter value and restart the ATM transaction manager.

ATM057_10 NO FREE SLOTS IN queue-area

Explanation The indicated queue area is full.

Action Increase the relevant parameter and restart the ATM transaction manager. If the indicated queue area has no associated ADARUN parameter, the error was most likely caused by shortage of memory. In this case, increase the amount of memory available to the transaction manager and restart it.

ATM058_10 MIXED TRANSACTION STATUS/RESULT REPORTED BY ATM dbid

Explanation The transaction manager was attempting restart processing for incomplete transactions involving the partner transaction manager “dbid”, which was restarting. The partner transaction manager reported an inconsistent transaction status (partly committed, partly backed out). Subsequent messages identify the owner of the transaction.

Likely causes include the following:

- Some Adabas nucleus heuristically terminated its part of a global transaction.
- Some ATM transaction manager was started with `TMRESTART={FORCE | FORCEALL}`.
- A transaction branch was forcibly terminated on request from an online services user or operator.
- Some database was restored to a status that is inconsistent with the status of other databases in the network.
- Pending restart information in some database was discarded (for example, by formatting Work or by starting with `ADARUN IGNDTP=YES`).

Action In some of the above cases, details of the transaction (branch) might be found in an ATM transaction manager’s suspect transaction journal (STJ) file. Otherwise, use Online Services or application-specific checks to determine the status of the transaction.

ATM059_10 MIXED TRANSACTION STATUS/RESULT; DBID dbid

Explanation ATM was attempting restart processing for incomplete transactions involving the indicated database, which was restarting. The transaction manager detected an inconsistent transaction status (partly committed, partly backed out). Refer to message ATM058 for likely causes.

Action Use Online Services or application-specific checks to determine the status of the transaction.

ATM060_10 CONFLICTING TRANSACTION STATUS REPORTED BY ATM/DB dbid

Explanation ATM was attempting restart processing for incomplete transactions involving the partner ATM transaction manager or database indicated by “dbid”, which was restarting. The ATM transaction manager detected an inconsistent or unknown transaction identifier (XID). Subsequent messages provide further information.

Action Use Online Services or application-specific checks to determine the status of the transaction.

ATM061_10 MIXED TRANSACTION STATUS FOR USER userid

Explanation This message indicates the Client ID of the owner of the transaction associated with a previous ATM058 or ATM059 message.

Action Refer to the explanation of the preceding message.

ATM062_10 CONFLICTING TRANSACTION STATUS FOR USER userid

Explanation This message indicates the Client ID of the owner of the transaction associated with a previous ATM060 message.

Action Refer to the explanation of the preceding message.

ATM063_10 ERROR UPDATING PRR; RSP/SUB/CMD: rsp/sub/cmd

Explanation The ATM transaction manager received an unexpected response code while attempting to update a recovery record in its database. The message gives the response code (rsp), subcode (sub), and command code (cmd).

Action If the cause of the error is not clear from the description of the response code, report the details to your Software AG support representative, noting the values of the variables.

ATM064_10 ERROR UPDATING PRR; ERR: error-code

Explanation The ATM transaction manager encountered the indicated error code while attempting to update a recovery record in its database.

Action Refer to the descriptions of the possible error codes. If the cause of the error is not apparent, report the details to your Software AG support representative, noting the error code.

ATM065_00 LOG ERROR; LOGGING NO LONGER POSSIBLE

Explanation The ATM transaction manager encountered an error while trying to write to one of its dual ATMLOG datasets. Logging is disabled.

Action Check for operating system messages that might indicate the cause of the error.

ATM066_04 LOG FILE SWITCHED TO ATMLOGn

Explanation Either the log file previously in use was full or the operator command `TM FEOFLOG` was used.

Action This message is for information only.

ATM067_10 UNSUPPORTED FUNCTION

Explanation The transaction manager received a function call that is not valid.

Action Contact your Software AG support representative.

ATM068_04 QUIESCING TRANSACTIONS FOR DB dbid

Explanation The transaction manager is attempting to complete (commit or back out) all active global transactions that involve the indicated database in response to

- a request from an Online Services user; or
- an ADAEND command issued to the indicated database.

Action This message is for information only.

ATM069_10 TRANSACTIONS CANNOT BE QUIESCED. DB/ERR: dbid/err

Explanation The indicated error occurred while the transaction manager was trying to quiesce transactions involving database “dbid”. As a result, ATM was unable to complete one or more transactions.

Action Refer to the descriptions of the possible error codes. If the appropriate action is not clear, contact your Software AG support representative.

ATM070_10 LOCAL TRAN(S) STILL IN DOUBT ON DB dbid

Explanation ATM attempted to complete (commit or back out) all active global transactions that involve the indicated database, but at the end of the process, at least one transaction or transaction branch involving the database remained active.

Action This message may be preceded or followed by messages requiring action. If so, refer to the explanations of those messages.

ATM071_10 FOLLOWING TMS IN ERROR: id-list

Explanation While the ATM transaction manager was attempting to quiesce transactions on a database, it asked one or more partner managers to do the same, but one or more of them returned an unexpected error. The message lists up to four partner transaction managers that failed to carry out its request.

Action Use Online Services to check the status of the indicated ATM nodes and, if necessary, to quiesce each transaction manager’s transactions for the required database.

ATM072_10 HEURISTIC TERMINATIONS MAY RESULT

Explanation This message is preceded by message ATM068 and one or more of the messages ATM069, ATM070, and ATM071.

The database indicated in message ATM068 received an ADAEND command and asked ATM to quiesce its global transactions. At the end of the process, at least one transaction or transaction branch involving the database remained active.

Any such transaction or transaction branch is heuristically terminated when its TT time limit expires, which could result in mixed completion of the related global transactions.

Action This message warns of the impending loss of global transaction integrity for those global transactions that are still active.

Use Online Services to identify the transactions that could not be quiesced.

Any transaction that remains active when its TT time limit expires is heuristically committed. To prevent this, if appropriate, use Online Services to forcibly back out any such transaction.

ATM073_10 DB ACTIVITY NOT QUIESCED. CHECK ATM MANAGER nodeID

Explanation A DTP=RM nucleus that received an ADAEND command requested the transaction manager with the indicated Node ID to quiesce its global transactions. The request failed.

Action Check that the indicated transaction manager is active, and check for error messages issued by it. Use Online Services to ask the transaction manager to quiesce transactions on the database.

ATM074_10 RRMS REPORTED ERROR. FNC/RF/COMMID: fnc/rf/comm-id

Explanation A problem was encountered with a transaction that is (or should be) under the control of RRMS. The RRMS function in error and its return code (values “fnc” and “rf”) are provided, together with the 28-byte Communications ID of the user who owns the transaction.

Action Check the RRMS documentation to determine the meaning of the return code (value “rf”). If the cause of the problem is still not apparent, contact your Software AG support representative, noting the values of “fnc” and “rf”.

ATM075_10 RRMS REPORTED EXIT MANAGER UNAVAILABLE**Explanation Note:**

This message appears on the console, but not in the DDPRINT report.

ATM is interfacing to RRMS and has been notified that one of the RRMS exit managers has become unavailable. ATM continues to interface to RRMS once the exit manager has restarted.

Action Report the problem to your systems programming staff.

ATM076_10 RRMS REPORTED EXITS UNSET. REASON: rrrr**Explanation Note:**

This message appears on the console, but not in the DDPRINT report.

ATM is interfacing to RRMS and has been notified that its exits have become unavailable.

Action Check the console log for other messages that may indicate the cause of the problem. Check the RRMS documentation to determine the meaning of the reason code (value "rrrr"). If possible, correct the problem and restart ATM. If the cause of the problem is not apparent, contact your Software AG support representative, noting the value of "rrrr".

ATM077_10 RRS EXIT FAILED. X: xx R: rr AB: aaaaaaaa ABR: nnnnnnnn**Explanation Note:**

This message appears on the console, but not in the DDPRINT report.

ATM is interfacing to RRMS and an error has occurred in one of its exit routines. The message details the exit number ("xx"), failure reason ("rr"), ABEND code ("aaaaaaa") and reason code ("nnnnnnnn").

Action If the cause of the problem is not apparent from the details of the message, contact your Software AG support representative, noting all the values given in the message.

ATM078_10 EXTERNALLY-OWNED TRANSACTION INCOMPLETE. DB/TC: ddddd/cccc

Explanation A database is trying to shut down in response to an ADAEND command; the ATM transaction manager has been asked to quiesce any transactions that involve the database, but has been unable to complete the process because at least one of those incomplete transactions is under the control of an external transaction coordinator. The database will not shut down until all global transactions are completed or backed out. The message identifies the database that is being shut down (value “dddd”) and the external transaction coordinator (value “cccc”).

Action Use the facilities of the external transaction coordinator to force the completion or removal of the incomplete transactions. The transactions can be identified by the Online Services application.

ATM080_08 ‘STOP ALL USERS’ REQUESTED BY USER userid

Explanation An Online Services user issued a "stop all transactions" request. “Userid” is the last 8 bytes of the user’s Communication ID.

Action This message is for information and audit purposes only.

ATM081_08 ‘FORCE STOP ALL USERS’ REQUESTED BY USER userid

Explanation An Online Services user issued a "force stop all transactions" request. “Userid” is the last 8 bytes of the client session’s Communication ID.

Action This message is for information and audit purposes only.

ATM082_08 SELECTIVE MASS STOP USERS REQUESTED BY USER userid

Explanation An Online Services user issued a selective mass “stop transactions” request. “Userid” is the last 8 bytes of the user’s Communication ID.

Action This message is for information and audit purposes only.

ATM083_08 FORCED SELECTIVE MASS STOP USERS REQUESTED BY USER userid

Explanation An Online Services user issued a "forced selective mass stop transactions" request. “Userid” is the last 8 bytes of the user’s Communication ID.

Action This message is for information and audit purposes only.

ATM084_10 TRANSACTION BRANCH FORCIBLY COMPLETED. COMMID: commid

Explanation In response to a "forced stop transactions" request from an Online Services user, ATM forced completion of the local branch of the transaction belonging to the client whose ID appears in the following ATM087 message. If the transaction had previously been prepared, ATM committed the branch; otherwise, ATM backed out the branch.

Action This message is for information and audit purposes only.

ATM085_10 TRANSACTION DETAILS TRANSFERRED TO JOURNAL. COMMID: commid

Explanation In response to a "forced stop transactions" request from an Online Services user, the ATM transaction manager purged the transaction (branch) belonging to the client whose ID appears in the following ATM087 message. Details of the transaction (branch) can be found in the ATM suspect transaction journal file.

Action This message is for information and audit purposes only.

ATM086_10 RECOVERY RECORD DELETED FOR COMMID: commid

Explanation In response to a request from an Online Services user, the ATM transaction manager purged from its recovery file, recovery information relating to the client whose ID appears in the following ATM087 message.

Action This message is for information and audit purposes only.

ATM087_10 commid

Explanation This message relates to the message(s) immediately preceding it, and gives the 28-byte Communication ID (commID) of the client session associated with the earlier message(s).

Action Refer to the explanation of preceding message(s).

ATM088_10 ERROR TRANSFERRING TO STJ

Explanation This message might be issued during forced restart of an ATM transaction manager, and indicates that a transaction that could not be completed could not be moved to the suspect transaction journal file. Subsequent messages provide more details of the error.

Action Refer to explanation of following message(s).

ATM089_10 DATA TRANSFERRED TO STJ FOR USER userid

Explanation This message might be issued during forced restart of an ATM transaction manager, and indicates that a transaction that could not be completed has been moved to the suspect transaction journal file. "Userid" is the Client ID of the transaction's owner.

Action This message is for information and audit purposes only.

ATM090_04 FORCED PRR DELETION REQUESTED BY USER userid

Explanation The specified user forcibly deleted a recovery record from the ATM transaction manager's database using the Online Services application. "userid" is the last 8 bytes of the user's Communication ID.

Action The message is for information and audit purposes only.

ATM091_04 PRR DELETION FOR COMMID:

Explanation A recovery record was deleted from the ATM transaction manager's database using the Online Services application. The Communication ID of the associated user is reported in an ATM087 message immediately after the ATM091 message.

Action The message is for information only.

ATM092_10 URID: urid

Explanation This messages relates to the ATM136 message that immediately precedes it. It identifies the URID of the CICS unit of work that the ATM136 message relates to.

Action Refer to the explanation of the ATM136 message.

ATM095_08 COMMAND NOT RECOGNIZED

Explanation An invalid operator command was entered.

Action Issue the command correctly.

ATM096_08 ATM LOGGING IS ACTIVE

Explanation This message is issued during initialization of an ATM transaction manager when TMLOG=YES is specified or in response to a TM LOG command from the operator. Events will be logged in the ATMLOG1/2 datasets.

Action This message is for information only.

ATM097_08 ATM LOGGING IS INACTIVE

Explanation This message is issued in response to a TM NOLOG command from the operator. Events will not be logged in the ATMLOG1/2 datasets.

Action This message is for information only.

ATM098_08 ATM LOGGING IS NOT POSSIBLE

Explanation This message is issued in response to a TM LOG command from the operator. The transaction manager was started with TMLOG=NEVER, which means that logging to the ATMLOG1/2 datasets is not permitted.

Action If you need to run with logging active, specify a suitable TMLOG parameter and restart the transaction manager.

ATM099_08 ATM CLOSEDOWN REQUESTED

Explanation The operator entered the command TM END.

Action This message is for information only.

ATM100_08 ATM IMMEDIATE CLOSEDOWN REQUESTED

Explanation The operator entered the command TM HALT.

Action This message is for information only.

ATM101_08 ATM CLOSEDOWN PROCESS STARTED

Explanation The transaction manager is in the process of closing down.

Action This message is for information only.

ATM102_10 DB CLOSEDOWN ERROR; ID/RSP/SUB/RC: dbid/rsp/subcode/rc

Explanation An ADAEND command was entered for the database “dbid”, but the transaction manager encountered an unexpected condition during the close-down sequence. Either a response code and subcode will be given (“rsp/subcode”), or an ATM error code (“rc”).

Action Refer to the description of the Adabas response code or the ATM error code. If the appropriate action is not clear, contact your Software AG support representative.

ATM103_08 TM END PENDING, INCOMPLETE TRANSACTIONS REMAIN

Explanation ATM END operator command was issued, but the transaction manager could not close down because one or more global transactions were incomplete. The transaction manager will terminate as soon as the remaining incomplete transactions are resolved. In the meantime, this message will be re-issued at intervals of approximately 60 seconds.

Action Wait for the incomplete transactions to be resolved, or use the TM HALT command to cause the transaction manager to terminate immediately, leaving the incomplete transactions to be resolved the next time it is activated.

ATM104_10 MEMORY SHORTAGE; ADAEND PROTOCOL MIGHT BE AFFECTED

Explanation This messages can appear when a DTP=RM database is started. It indicates that certain memory areas could not be acquired. Database processing should not be affected by this condition. However, there is a possibility that the closedown protocol that happens when ADAEND is issued to the database will not proceed as normal; this could increase the risk of heuristically terminated transactions.

Action Make more memory available to the database job and restart it.

ATM110_04 SESSION STATISTICS:

Explanation This message is issued during transaction manager termination. Statistical messages follow.

Action This message is for information only.

ATM113_04 HIGH-WATER MARKS: MAX HWM HITS FIRST HIT

Explanation This message is issued during transaction manager termination, or in response to a TM DSTAT operator command. Additional statistical messages (ATM114) follow.

Action This message is for information only.

ATM114_04 item max-value high-water-mark hit-count time-of-first-hit

Explanation This message is issued several times during transaction manager termination, or in response to a TM DSTAT operator command, once for each of several resources in the ATM nucleus. For each resource:

- item: identifies the ATM resource
- max-value (where shown): the maximum value permitted in this execution of the transaction manager
- high-water-mark: the highest value recorded
- hit-count: the number of times the high-water mark value has been reached
- time-of-first-hit: the date and time at which the current high-water mark was first reached, in the format YY/MM HH:MM

Action This message is for information only.

ATM116_04 TRAN TIMES: MILLISECS TRAN COUNT COMMITTED BACKED OUT

Explanation This message is issued during transaction manager termination, or in response to a TM DSTAT operator command. Additional statistical messages (ATM117) follow.

Action This message is for information only.

ATM117_04 millisecs tran-count committed backed-out

Explanation This message is issued several times during transaction manager termination, or in response to a TM DSTAT operator command, once for each statistical time range maintained by the transaction manager. These messages together present a table which is equivalent to the Transaction Times statistical display that is available in the Online Services application. Refer to the description of this display for further details.

Action This message is for information only.

ATM119_04 STATISTICS HAVE BEEN RESET

Explanation This message is issued when the transaction manager's statistics are reset to zero, in response to a TM RSTAT operator command or an equivalent request from an Online Services user.

Action This message is for information only.

ATM122_20 DTP operation FAILED, DB/TM/RSP/SUB/RC: dbid/tmid/rsp/sub/rc

Explanation This message can be issued by a database for which the ADARUN parameter DTP=RM was specified, or by a SYSCO daemon. It can appear during an attempt to sign a database on to a transaction manager for distributed transaction processing, or to sign the database off, as indicated by “operation”. “Sign-on” can happen during initialization of a transaction manager or a SYSCO daemon, or when the database is started. “Sign-off” happens when the database is terminated. The message indicates that an unexpected condition was detected. It includes the “dbid” of the database, the node ID (“tmid”) of the transaction manager, and might also contain a response code (“rsp”), subcode (“sub”) and return code (“rc”) for the error.

Action If this message indicates sign-on and is followed by an ATM124 message from the database identified in the message detail, this indicates that the error condition was transient, and that the DTP sign-on has now taken place. If there is no ATM124 message, and if the cause of the error is not clear from the description of the response code, subcode and return code, report the details to your Software AG support representative, noting the values of the variables in the message. If the message indicates sign-off, it is given for information only.

ATM124_08 DB dbid SIGNED ON FOR DTP WITH ATM NODE nodeid

Explanation This message might be issued by a DTP=RM database that is initializing. The nucleus has signed on for distributed transaction processing with the local ATM transaction manager, the ID of which is “nodeid”. In the case of a DTP=RM nucleus which is part of an Adabas Parallel Services cluster or an Adabas Cluster Services cluster, the message gives the ID of the nucleus, not the DBID of the cluster, and begins, “NC dbid SIGNED ON ...”.

Action This message is for information only.

ATM125_10 ATM NOT ACTIVE. ADAEND CANNOT COMPLETE.

Explanation An ADAEND command was entered for database “dbid”, but the normal process of quiescing open transactions could not occur because the transaction manager was not active. The database does not close down.

Action Activate the transaction manager and use the Online Services application to quiesce any open transactions on the database. When you are sure that all global transactions involving the database have been completed or backed out, you can close down the database with a HALT command.

Caution:

If you issue a HALT command while there are incomplete global transactions, the integrity of those transactions can no longer be guaranteed.

ATM126_04 RM SIGN-OFF — NO UNRESOLVED TRANSACTIONS: dbid

Explanation The ATM transaction manager issues this message when a DTP=RM database identified by “dbid” terminates with no outstanding transactions involving the database. If the terminating database is part of an Adabas Parallel Services or Adabas Cluster Services cluster, the value “dbid” might have the form “Nuc nnnnn”, where nnnnn is the ID of the terminating nucleus.

Action This message is for information only.

ATM127_04 RM SIGN-OFF — UNPREPARED TRANSACTIONS REMAINING: dbid

Explanation The ATM transaction manager issues this message when a DTP=RM database identified by “dbid” terminates with outstanding unprepared transactions involving the database. If the terminating database is part of an Adabas Parallel Services or Adabas Cluster Services cluster, the value “dbid” might have the form “Nuc nnnnn”, where nnnnn is the ID of the terminating nucleus.

Action This message is for information only.

ATM128_04 RM SIGN-OFF — PREPARED TRANSACTIONS REMAINING: dbid

Explanation The ATM transaction manager issues this message when a DTP=RM database (dbid) terminates with outstanding prepared transactions involving the database. If the terminating database is part of an Adabas Parallel Services or Adabas Cluster Services cluster, the value “dbid” might have the form “Nuc nnnnn”, where nnnnn is the ID of the terminating nucleus.

Action In the case of a normal database, restart the database with DTP=RM. If the message identifies a nucleus within an Adabas Parallel Services or Adabas Cluster Services cluster, and there is another nucleus in the cluster which is still executing, no action is necessary; otherwise, restart a member of the cluster, with DTP=RM.

Caution:

If the database is started with DTP=NO, data integrity cannot be guaranteed.

ATM129_08 DB dbid SIGNING ON FOR DTP WITH ATM NODE nodeid

Explanation This message is issued by a DTP=RM database that is initializing. The ATM Transaction Manager identified by “nodeid” is about to begin the process of signing the database nucleus on for distributed transaction processing. In the case of a DTP=RM nucleus which is part of an Adabas Parallel Services cluster or an Adabas Cluster Services cluster, the message gives the ID of the nucleus, not the DBID of the cluster, and begins, “NC dbid SIGNING ON ...”.

Action This message is for information only.

ATM130_20 ATM PROXY INITIALIZATION FAILED

Explanation This message can be issued by a job or TP system for which the client runtime control ATM=ON has been specified. It indicates a fatal error which prevented the ATM client proxy from initializing.

Action Check for earlier messages which might indicate the reason for the failure. If the cause of the error is not clear, contact your Software AG support representative.

ATM131_10 RMI RESYNC ERROR. SYS/RC/RC2 sys/rc/rc2

Explanation An error occurred during the synchronization process that takes place during ATM or CICS restart when the CICS Resource Manager Interface is in use. The message provides the System ID of the CICS system (value "sys"), a CICS or ATM error code (value "rc"), and possibly a secondary return code or Adabas response code (value "rc2").

Action Refer to the descriptions of the possible error codes. If possible, correct the error and restart the ATM transaction manager; otherwise report the details to your Software AG support representative.

ATM132_10 RMI RESYNC ERROR. SYS/CD/RSP sys/cd/rsp

Explanation An error occurred during the synchronization process that takes place during ATM or CICS restart when the CICS Resource Manager Interface is in use. The message provides the System ID of the CICS system (value "sys"), a CICS command or function name (value "cd"), and CICS response code (value "rsp").

Action Refer to the CICS documentation for an explanation of the error condition. If possible, correct the error and restart CICS; otherwise report the details to your Software AG support representative.

ATM133_10 RMI SYNCPOINT ERROR. URID urid

Explanation An error occurred during syncpoint processing of a transaction that was under the control of the CICS syncpoint manager. The CICS Unit-of-Recovery ID (value "urid") belonging to the transaction is displayed.

Action This message is followed by message ATM134, which gives more information about the error.

ATM134_10 RMI SYNCPOINT ERROR. SYS/RC/RSP sys/rc/rsp

Explanation This message follows message ATM133 and provides details of an error that occurred during syncpoint processing under the control of the CICS syncpoint manager. The message provides the System ID of the CICS system (value “sys”), an ATM error code (value “rc”), and, depending on the ATM error code, a CICS or Adabas response code (value “rsp”).

Action Refer to the relevant documentation for an explanation of the error condition. If the cause is not then apparent, report the details to your Software AG support representative.

ATM135_10 RMI RESYNC ERROR. APP/CD/RSP app/cd/rsp

Explanation An error occurred during the synchronization process that takes place during ATM or CICS restart when the CICS Resource Manager Interface is in use. The message provides the Application ID of the CICS system (value “app”), a CICS command or function name (value “cd”), and an error code (value “rsp”). If the error code begins with the character “R”, the remaining digits are an ATM error code; otherwise the value of “rsp” is a CICS response code.

Action Refer to ATM error codes or to the CICS documentation, as appropriate, for an explanation of the error condition. If possible, correct the error and restart CICS and, if necessary, the ATM transaction manager; otherwise report the details to your Software AG support representative.

ATM136_10 RMI RESYNC ERROR. APP/RC app/rc

Explanation An error occurred during the synchronization process that takes place during ATM or CICS restart when the CICS Resource Manager Interface is in use. The message provides the Application ID of the CICS system (value “app”) and an ATM error code (value “rc”). This message may be followed by an ATM092 message indicating the URID of the CICS unit of work for which the error occurred.

Action Refer to the descriptions of the possible error codes. If possible, correct the error and restart the ATM transaction manager; otherwise report the details to your Software AG support representative.

ATM137_10 EXCI COMMAREA COULD NOT BE ADDRESSED

Explanation An internal error occurred during the synchronization process that takes place during ATM restart when the CICS Resource Manager Interface is in use.

Action Report the error to your Software AG support representative. You may bypass the problem by restarting your CICS systems after the ATM transaction manager has initialized.

ATM138_10 RMI RESYNC ISSUED. SYS sys

Explanation This message can appear during restart of an ATM transaction manager or a CICS system in an environment in which some transactions are controlled by the CICS Syncpoint Manager. It indicates that resynchronization processing will be carried out for incomplete transactions controlled by the CICS system with the System ID “sys”.

Action This message is for information only.

ATM139_10 RMI resync complete. Sys sys

Explanation This message appears in an environment in which some transactions are controlled by the CICS Syncpoint Manager. The message follows restart of an ATM transaction manager or a CICS system and indicates that the synchronization process has executed for incomplete transactions controlled by the CICS system with the System ID “sys”.

Action This message does not necessarily indicate that every incomplete transaction was resolved satisfactorily. Check the console log for other messages which might indicate a problem.

ATM140_10 ATM PROXY DETECTED cmd DB dbid RSP rsp AD2 Xadditions-2

Explanation This message is issued by the ATM client proxy for the first ATM-related error incurred by each client session. The message can include a command code, Database ID, response code and Additions-2 data, providing further information about the error. This message is followed by ATM087 messages which give the 28-byte Communication ID of the client session, first in character form, and then in hexadecimal.

Action Check the meaning of the indicated response code and Additions-2 data. If the cause of the error is not apparent, contact your Software AG support representative, noting all the values given in the message.

ATM141_04 DTP DISABLED FOR THIS JOB BY RUNTIME CONTROL

Explanation This message is issued by the ATM client proxy. It indicates that client sessions executing within this job have been exempted from distributed transaction processing by the setting of a client runtime control.

Action This message is for information only.

ATM144_08 SYSTEM COORDINATOR GROUP NAME NOT SPECIFIED

Explanation This message can be issued by a client job. It indicates that the ATM client runtime controls in effect for this job do not include the name of an Adabas System Coordinator Group. ATM processing will not be activated for the job.

Action Use the Online Services application to specify the name of the System Coordinator Group in which the job will execute.

ATM159_20 error message

Explanation This message can be issued by ATM's ET data migration utility, ATMPETD. It indicates failure of the utility, and the cause of failure.

Action The error message should be self-explanatory. For a more detailed explanation, note the condition code that was given when ATMPETD terminated, and refer to the Return Codes section of the description of the ET data migration utility.

ATM160_10 SYSCO DAEMON ERROR; ID/RSP/SUB/FNC/SBF/ERR: id/rsp/sub/fnc/sbf/err

Explanation This message can appear during restart of an ATM transaction manager. It indicates that a call to an Adabas System Coordinator daemon returned an unexpected result. The message will include at least some of the following: the Node ID (id) of the Adabas System Coordinator daemon, the response code (rsp) and subcode (sub) returned by the Adabas System Coordinator daemon, the function and subfunction codes of the call (fnc and sbf), and an error code (err).

Action If the cause of the error is not apparent from the description and content of the message, contact your Software AG support representative.

ATM161_04 UNABLE TO INITIALIZE; WILL RETRY.

Explanation This message can appear during restart of an ATM transaction manager. It indicates that a transient error has occurred, such as the unavailability of the local Adabas System Coordinator daemon. The transaction manager will try to initialize again after a short period, during which time the cause of the failure might be rectified. The transaction manager will retry repeatedly, until it initializes successfully, or until it is terminated by operator command.

Action A previous message should indicate why the transaction manager could not initialize. Check for such a message and respond accordingly.

ATM163_04 ERROR DELETING PER; RSP/SUB/CMD: rsp/sub/cmd

Explanation This message indicates that an error occurred while deleting a Persistent Error Record. The message contains the following diagnostic information: a response code and subcode (rsp and sub) and a command code (cmd).

Action If the cause of the error is not apparent from the description and content of the message, contact your Software AG support representative.

ATM164_04 ERROR DELETING PER; ERR: err

Explanation This message indicates that an error occurred while deleting a Persistent Error Record. The message contains an ATM error code (err).

Action If the cause of the error is not apparent from the description and content of the message, contact your Software AG support representative.

ATM167_10 MTR PROCESSING ERROR; ID/ERR/RSP/SUB/CMD: id/err/rsp/sub/cmd

Explanation This message indicates that an error occurred while processing a migrated transaction record in an Adabas Cluster Services or Parallel Services environment. The message will contain at least some of the following diagnostic information: a database or Node ID (id), an error code (err), a response code and subcode (rsp and sub) and a command code (cmd). The user's transaction is backed out, and a pending response code 9, subcode 77 is set.

Action If the cause of the error is not apparent from the description and content of the message, contact your Software AG support representative.

ATM168_10 CLIENT MIGRATED, BUT NO MTR FILE DEFINED

Explanation This message indicates that a client session that had an open transaction has been migrated from one node to another within a cluster (for example, CICSplex), but ATM cannot handle this session's transaction safely because no Migrated Transaction Record (MTR) file has been defined. The transaction is backed out, and a pending response code 9, subcode 77 is set.

Action Define and create an MTR file, and restart the ATM transaction managers and clustered application environments in the COR group.

ATM169_10 MTR FILE IS NOT DEFINED

Explanation This is a warning message, and it can appear during initialization of an ATM transaction manager. It indicates that no Migrated Transaction Record (MTR) file definition was found. An MTR file is required if you use application environments in which a client session that is not at global transaction status can be migrated around a cluster (for example, CICSplex, with ATM client runtime control `TransactionModel` set to `DYNAMIC`).

Action If your application environments are such that no MTR file is needed, you can ignore this message, or suppress it by making a dummy MTR file definition using `SYSCOR`. Otherwise, define and create an MTR file, and restart the ATM transaction managers and clustered application environments in the COR group.

ATM171_08 TM tmid STARTING TRANSACTION FLUSH

Explanation This message can be issued by a DTP=RM database when the database has received an `ADAEND` command. It indicates that the Transaction Manager with the given ID (`tmid`) is attempting to terminate any incomplete global transactions that have changed the database, so that the database can terminate cleanly. This message should be followed by either an `ATM172` or an `ATM173` message, indicating whether or not all relevant transactions were terminated.

Action This message is for information only.

ATM172_10 TM tmid DID NOT COMPLETE TRANSACTION FLUSH

Explanation This message might be issued by a DTP=RM database after message `ATM171`. It indicates that the Transaction Manager with the given ID (`tmid`) was not able to terminate all global transactions that have changed the database. This might mean that a superior TM or external transaction co-ordinator has not indicated what the outcome of a transaction should be.

Action Use the Online Services application to identify the offending transactions. If possible, resolve any such transaction through the co-ordinator that controls the root of the transaction. If this is not possible, you might choose to use `SYSATM`'s "stop" facility to force resolution of a transaction, if you are sure that this will not result in loss of transactional integrity.

ATM173_08 TM tmid COMPLETED TRANSACTION FLUSH

Explanation This message might be issued by a DTP=RM database after message `ATM171`. It indicates that the Transaction Manager with the given ID (`tmid`) successfully terminated all incomplete global transactions that had changed the database.

Action This message is for information only.

ATM174_10 NO TM ACTIVE

Explanation This message can be issued by a DTP=RM database when the database has received an ADAEND command. It indicates that there are incomplete, prepared transactions in the database, but the Transaction Manager that owns these transactions is not currently active. The ADAEND process cannot complete until the incomplete transactions have been resolved.

Action Restart the inactive Transaction Manager.