HP 9000 Computer Systems

ALLBASE/SQL
Message Manual

**HEWLETT
PACKARD**

Printing History

The following table lists the printings of this document, together with the respective release dates for each edition. The software version indicates the version of the software product at the time this document was issued. Many product releases do not require changes to the document. Therefore, do not expect a one-to-one correspondence between product releases and document editions.

Edition	Date	Product Number	Hardware Series	HP-UX Release
First Edition (800)	March 1987	36217-02A.01.00	800	1.0
First Edition (300)	March 1987	79725 1.0	300	1.0
Update 1 (800)	June 1987	36217-02A.01.03	800	1.3
Update 1 (300)	June 1987	79725 1.0	300	1.0
Update Incorporated (800)	August 1987	36217-02A.01.03	800	1.3
Update Incorporated (300)	August 1987	79725 1.0	300	1.0
Second Edition (800)	February 1988	36217-02A.B2.00.03	800	2.0
Second Edition (300)	February 1988	79725 2.0	300	6.5
Third Edition (800)	November 1988	36217-02A.03.00	800	3.0
Third Edition (300)	November 1988	HP79725 Rev. 6.5	300	6.5
Fourth Edition	September 1989	36217-02A.07.00	800	7.0
		HP79725 Rev. 7.0	300	7.0
Update 1	October 1989	36217-02A.07.00	800	7.0
		HP79725 Rev. 7.0	300	7.0
Fifth Edition	January 1991	36217-02A.E1.00	800	8.0
		36217-02A.E1.00	700	8.0
		HP79725A.E1.00	400	8.0
		HP79725A.E1.00	300	8.0
Sixth Edition	September 1992	36217-02A.F0.00	800	8.0 and 9.0
		36217-02A.F0.00	700	8.0 and 9.0
		HP79725A.F0.00	400	8.0 and 9.0
		HP79725A.F0.00	300	8.0 and 9.0
Seventh Edition	April 1994	36217-02A.G0.00	700/800	9.0
Eighth Edition	May 1997	36217-02A.G2.00	700/800	10.0

ALLBASE/SQL Manuals

Title	Part Number
ALLBASE/ISQL Reference Manual	36217-90188
ALLBASE/NET User's Guide	36217-90093
ALLBASE/SQL Advanced Application Programming Guide	36217-90186
ALLBASE/SQL C Application Programming Guide	36217-90014
ALLBASE/SQL COBOL Application Programming Guide	36217-90058
ALLBASE/SQL Database Administration Guide	36217-90005
ALLBASE/SQL FORTRAN Application Programming Guide	36217-90013
ALLBASE/SQL Message Manual	36217-90009
ALLBASE/SQL Pascal Application Programming Guide	36217-90007
ALLBASE/SQL Performance and Monitoring Guidelines	36217-90185
ALLBASE/SQL Reference Manual	36217-90001
HP PC API User's Guide for ALLBASE/SQL	36217-90187
Up and Running with ALLBASE/SQL	36389-90011
ODBCLINK/SE Reference Manual	36217-90403

Preface

This manual explains the causes of warning and error conditions which may occur during the use of the following components of ALLBASE/SQL: SQL, ISQL, SQLUtil, the preprocessors, SQLMigrate, NET, or NETUtil as implemented on HP 9000 computers. It also presents actions to be taken in response to these warning and error conditions. ALLBASE/SQL is the basic component of Hewlett-Packard's relational database management system.

This manual is for database administrators, application programmers, and others who are using ALLBASE/SQL. It presumes that the user already has a basic understanding of database and ALLBASE/SQL concepts. The contents of this manual are as follows:

- Chapter 1, "Introduction," discusses warning and error messages and how to use the manual.

- Chapter 2, "ALLBASE/SQL Warning Messages," describes ALLBASE/SQL warnings, and indicates their probable cause and the appropriate user actions.

- Chapter 3, "ALLBASE/SQL Error Messages," describes ALLBASE/SQL errors, and indicates their probable cause and the appropriate user actions.

- Chapter 4, "ALLBASE/SQL Console Error Messages," describes ALLBASE/SQL errors that appear on the HP-UX system console, and indicates their probable cause and the appropriate user actions.

What's New in this Release

G.1 and G.2 New Features

The following table highlights the new or changed functionality added in G.1 and G.2 releases, and shows you where each feature is documented.

New Features in ALLBASE/SQL Releases G.1 and G.2

Feature (Category)	Description	Documented in . . .
New operand to concatenate strings (Standards)	Adds an operand to concatenate character or binary strings in an expression. New operand: ||	*ALLBASE/SQL Reference Manual*, "Expressions."
RENAME Column or Table (Usability)	Adds capability of defining a new name for an existing table or column in a DBEnvironment. You cannot rename a table or column that has check constraints or an IMAGE/SQL table. New commands: RENAME COLUMN, RENAME TABLE.	*ALLBASE/SQL Reference Manual*, RENAME COLUMN and RENAME TABLE in "SQL Statements."
CAST function added to Expression syntax (Usability)	Adds the CAST function to allow explicitly converting from one data type to another. It allows conversion between compatible data types and between normally incompatible data types such as CHAR and INTEGER. New Expression function: *CastFunction*.	*ALLBASE/SQL Reference Manual*, "Cast" in "Expressions."
Syntax added to VALIDATE (Usability, Performance)	Automates execution of COMMIT WORK after each module or procedure is validated when WITH AUTOCOMMIT is used. All sections are revalidated whether valid or invalid when FORCE is used. This can reduce log space and shared memory requirements for the VALIDATE statement. New syntax for VALIDATE: FORCE, WITH AUTOCOMMIT.	*ALLBASE/SQL Reference Manual*, VALIDATE in "SQL Statements."

New Features in ALLBASE/SQL Releases G.1 and G.2 (continued)

Feature (Category)	Description	Documented in . . .
Syntax added to DELETE (Usability, Performance)	Automates execution of COMMIT WORK at the beginning of the DELETE and after each batch of rows is deleted when WITH AUTOCOMMIT is used. Reduces log-space and shared-memory requirements. WITH AUTOCOMMIT cannot be used in some cases (see the DELETE statement). New syntax for DELETE: WITH AUTOCOMMIT.	*ALLBASE/SQL Reference Manual*, DELETE in "SQL Statements."
Decimal operations (Usability)	Increases maximum precision from 18 to 27.	*ALLBASE/SQL Reference Manual*, "Decimal Operations" in "Data Types."
Terminate a query (Usability, Performance)	Allows termination of a query for a connection or transaction. New statement: TERMINATE QUERY. New syntax for SET SESSION, SET TRANSACTION.	*ALLBASE/SQL Reference Manual*, TERMINATE QUERY, SET SESSION, SET TRANSACTION in "SQL Statements."
Terminate a transaction (Usability, Performance)	Allows stopping of a given transaction. New statement: TERMINATE TRANSACTION. New syntax for SET SESSION, SET TRANSACTION.	*ALLBASE/SQL Reference Manual*, TERMINATE TRANSACTION, SET SESSION, SET TRANSACTION in "SQL Statements."
Timeout enhanced to allow specifying what is rolled back or terminated (Usability, Performance)	Allows specifying the action when a timeout expires. New attributes for SET SESSION and SET TRANSACTION: TERMINATION AT LEVEL, USER TIMEOUT, ON TIMEOUT ROLLBACK.	*ALLBASE/SQL Reference Manual*, SET SESSION in "SQL Statements."
New SQLUtil command CHKPTHLP reduces time for flushing data (Performance)	Flushes the data in parallel to the CHECKPOINT command in ISQL. New SQLUtil command: CHKPTHLP.	*ALLBASE/SQL Database Administration Guide*, CHKPTHLP in "SQLUtil"
Allow or disallow SQLMON for users. (Usability)	Grants or revokes the ability to run SQLMON for specific users. New attribute for GRANT and REVOKE: MONITOR.	*ALLBASE/SQL Reference Manual*, GRANT, REVOKE in "SQL Statements."

New Features in ALLBASE/SQL Releases G.1 and G.2 (continued)

Feature (Category)	Description	Documented in . . .
Allow or disallow authority to create modules. (Usability)	Grants or revokes the ability to create modules for specific users. New attributes for GRANT and REVOKE: INSTALL.	*ALLBASE/SQL Reference Manual*, GRANT, REVOKE in "SQL Statements."
Script for migration to a new release (Usability, Tools)	Provides SQLINSTL script for migration to a new release of ALLBASE/SQL. Read the SQLINSTL file on your system for more information.	SQLINSTL file; *Communicator 3000 MPE/iX Release 5.5 (Non-Platform Software Release C.55.00)*, "ALLBASE/SQL Enhancements"; *ALLBASE/SQL Database Administration Guide* in "SQLINSTL" section of the "DBA Tasks and Tools" chapter.
GENPLAN on a section (Usability)	Obtains an access plan of a stored static query by specifying the module and section number. Changed syntax: GENPLAN.	*ALLBASE/SQL Reference Manual*, GENPLAN in "SQL Statements."
POSIX support (Tools)	Starting with G.1, the ALLBASE/SQL preprocessor (PSQLCOB) supports preprocessing and generation of Microfocus COBOL source code under POSIX (Portable Operating System Interface).	*Communicator 3000 MPE/iX Release 5.5 (Non-Platform Software Release C.55.00)*, "ALLBASE/SQL Enhancements."
Terminate a user's connections (Connectivity)	Terminates one or more connections for a user. New syntax for TERMINATE USER: CID *ConnectionID*.	*ALLBASE/SQL Reference Manual*, TERMINATE USER in "SQL Statements."
Run Queue Control for ALLBASE/NET (Connectivity)	Allows running HPDADVR in D queue for an MPE/iX session or HP-UX connection or C queue for an MPE/iX job connection. New environment variable: HPSQLJOBTYPE.	*Communicator 3000 MPE/iX Release 5.5 (Non-Platform Software Release C.55.00)*, "ALLBASE/SQL Enhancements."
PC ODBC 16-bit and 32-bit support (Connectivity, Client/server)	ODBCLINK/SE allows connectivity to ALLBASE and IMAGE/SQL servers from a PC running MS Windows using ODBC.	*ODBCLINK/SE Reference Manual*
Year 2000 solution (Standards)	Provides the JCW HPSQLSPLITCENTURY to use in setting a value between 0 and 99. This value is used to change the century part of the DATE and DATETIME functions to override the default of 19.	"Date/Time Functions" in the "Expressions" chapter of the *ALLBASE/SQL Reference Manual*

G.0 Features

The following table highlights the new or changed functionality in release G.0, and shows you where each feature is documented.

New Features in ALLBASE/SQL Release G.0

Feature (Category)	Description	Documented in ...
Stored procedures (Usability)	Provides additional stored procedure functionality for application programs. Allows declaration of a procedure cursor and fetching of multiple rows within a procedure to applications. New statement: ADVANCE. Changed syntax: CLOSE, CREATE PROCEDURE, DECLARE CURSOR, DESCRIBE, EXECUTE, EXECUTE PROCEDURE, FETCH, OPEN.	*ALLBASE/SQL Reference Manual*, "SQL Statements" and "Using Procedures" in "Constraints, Procedures and Rules;" *ALLBASE/SQL Advanced Application Programming Guide*, "Using Procedures in Application Programs."
Case insensitivity (Usability)	Adds an optional attribute to the character and varchar type column attributes of tables. Allows search and compare of these columns in a case insensitive manner. Four new SQLCore data types are added. Changed syntax: ALTER TABLE, CREATE TABLE.	*ALLBASE/SQL Reference Manual*, "Comparison Predicate" in "Search Conditions," CREATE TABLE in "SQL Statements."
Support for 1023 columns (Usability)	Increases the maximum number of columns per table or view to 1023. Increases maximum sort columns and parameters in a procedure to 1023.	*ALLBASE/SQL Reference Manual*, CREATE TABLE and CREATE VIEW in "SQL Statements;" *ALLBASE/SQL Database Administration Guide*, "ALLBASE/SQL Limits" appendix.
ISQL HELP improvements (Usability)	Gives help for entire command instead of only the verb.	*ALLBASE/ISQL Reference Manual*, HELP in "ISQL Commands."
EXTRACT command (Usability)	Extracts modules from the database and stores them in a module file. Allows for creation of a module file at any time based on the current DBEnvironment without preprocessing. New command: EXTRACT. Changed syntax: INSTALL.	*ALLBASE/ISQL Reference Manual*, "Using Modules" in "Using ISQL for Database Tasks," EXTRACT, INSTALL in "ISQL Commands."

Feature (Category)	Description	Documented in . . .
New SQLGEN GENERATE parameters (Usability)	Generates SQL statements necessary to recreate modified access plans for module sections. New syntax for GENERATE: DEFAULTSPACE, MODOPTINFO, PARTITION, PROCOPTINFO, SPACEAUTH.	*ALLBASE/SQL Database Administration Guide*, "SQLGEN Commands" appendix.
Row level locking (Usability)	Permits multiple transactions to read and update a table concurrently because locking is done at row level. Since the transaction will obtain more locks, the benefits must be weighed against the costs. (Previously documented in an addendum after F.0 release.)	*ALLBASE/SQL Reference Manual*, "Concurrency Control through Locks and Isolation Levels;" *ALLBASE/SQL Database Administration Guide*, "Effects of Page and Row Level Locking" in "Physical Design."
Increased number of users (Usability)	Removes the limitation of 240 users supported by pseudotables. (Maximum is system session limits: 2000 on HP-UX; 1700 on MPE/iX.)	*ALLBASE/SQL Database Administration Guide*, "ALLBASE/SQL Limits" appendix.
POSIX support (Usability)	Improves application portability across MPE/iX and HP-UX. Enhances the ALLBASE/SQL preprocessors to run under POSIX (Portable Operating System Interface) on MPE/iX.	*ALLBASE/SQL Advanced Application Programming Guide*, "POSIX Preprocessor Invocation" in "Using the Preprocessor."
Application thread support (Performance, Usability)	Provides the use of threads in an application. Allows ALLBASE/SQL to be used in an application threaded environment on MPE/iX. Application threads are light weight processes that share some resources and last for the duration of a transaction. Threaded applications reduce the overhead of context switching and improve the performance of OpenTP applications.	*ALLBASE/SQL Advanced Application Programming Guide*, "Using the Preprocessor."

Feature (Category)	Description	Documented in . . .
High Availability	Provides a collection of features to keep systems available nonstop including: Partial STORE and RESTORE, Partial rollforward recovery, DBEFiles in different groups (MPE/iX), detaching and attaching database objects, CHECKPOINT host variable, changing log files, console messages logged to a file, generating fewer log records by using TRUNCATE TABLE to delete rows, and new system catalog information. See the following features for new and changed syntax.	*ALLBASE/SQL Reference Manual*, "SQL Statements;" *ALLBASE/SQL Database Administration Guide*, "Maintaining a Nonstop Production System" in "Maintenance" chapter and "SQLUtil" appendix.
Partial rollforward recovery (High Availability)	Supports partial rollforward recovery through PARTIAL option on SETUPRECOVERY. Used to recover specific DBEFiles while allowing access to other DBEFiles.	*ALLBASE/SQL Database Administration Guide*, "Backup and Recovery" chapter and SETUPRECOVERY PARTIAL in "SQLUtil" appendix.
Partial STORE and RESTORE (High Availability)	Gives more flexibility in backup and recovery strategies by allowing partial store and restore of DBEFiles, DBEFileSets or combinations of both. See "New and changed SQLUtil commands for increased availability" later in this table.	*ALLBASE/SQL Database Administration Guide*, "Backup and Recovery" chapter and "SQLUtil" appendix.
DBEFile group change on MPE/iX (High Availability)	Manages DBEFiles so they can be placed in a particular group or on a particular volume (MPE/iX). Use either CREATE DBEFILE or MOVEFILE.	*ALLBASE/SQL Reference Manual*, CREATE DBEFile in "SQL Statements;" *ALLBASE/SQL Database Administration Guide*, "Maintaining a Nonstop Production System" in "Maintenance" chapter and MOVEFILE in "SQLUtil" appendix.
Detaching and attaching database objects (High Availability)	Detaches or attaches a DBEFile or DBEFileSet from the DBEnvironment. This is useful for data that is accessed infrequently such as tables containing historical data only. New SQLUtil commands: DETACHFILE, ATTACHFILE.	*ALLBASE/SQL Database Administration Guide*, "Maintaining a Nonstop Production System" in "Maintenance" chapter and DETACHFILE, ATTACHFILE in "SQLUtil" appendix.

New Features in ALLBASE/SQL Release G.0 (continued)

Feature (Category)	Description	Documented in . . .
New and changed SQLUtil commands for increased availability (High Availability)	Adds support for high availability and System Management Intrinsics. Intended for non-stop, continuously available operations. New SQLUtil commands: ATTACHFILE, CHANGELOG, DETACHFILE, RESTORE PARTIAL, STORE PARTIAL, STOREINFO, STOREONLINE PARTIAL, WRAPDBE. Modified SQLUtil commands: MOVEFILE, RESTORE, RESTORELOG, SHOWDBE, SETUPRECOVERY, STORE, STORELOG, STOREONLINE.	*ALLBASE/SQL Database Administration Guide*, "SQLUtil" appendix.
List files on backup device (High Availability)	Lists physical names of files stored on backup device with new SQLUtil command: STOREINFO.	*ALLBASE/SQL Database Administration Guide*, "Backup and Recovery" chapter and STOREINFO in "SQLUtil" appendix.
Log file improvements (High Availability)	Allows changing log files, switching of console messages to a file, and gives advance warning for log full. Increased maximum size of a single DBE log file to 4 gigabytes. A DBEnvironment can have up to 34 log files configured. Changed syntax: CHECKPOINT. New SQLUtil command: CHANGELOG.	*ALLBASE/SQL Reference Manual*, CHECKPOINT in "SQL Statements;" *ALLBASE/SQL Database Administration Guide*, "Maintaining a Nonstop Production System" in "Maintenance" chapter, CHANGELOG in "SQLUtil" appendix, and "ALLBASE/SQL Limits" appendix.
New SET SESSION and SET TRANSACTION statements (Standards, Performance)	Provides additional flexibility and improved performance. Allows setting and changing transaction and session attributes.	*ALLBASE/SQL Reference Manual*, SET SESSION and SET TRANSACTION in "SQL Statements."
FIPS flagger (Standards)	Meets Federal Information Processing Standard (FIPS) 127.1 flagger support. Flags non-standard statement or extension. Invoked with a flagger option in the preprocessor command line or the SET FLAGGER command in ISQL. Updatability rules are different when flagger is invoked. New syntax: DECLARE CURSOR, WHENEVER. Changes to C and COBOL host variable declaration.	*ALLBASE/SQL Reference Manual*, DECLARE CURSOR in "SQL Commands" and "Standards Flagging Support" appendix; *ALLBASE/SQL Advanced Application Programming Guide*, "Flagging Non-Standard SQL with the FIPS Flagger;" *ALLBASE/ISQL Reference Manual*, SET in "ISQL Commands."

New Features in ALLBASE/SQL Release G.0 (continued)

Feature (Category)	Description	Documented in . . .
Optimizer enhancement (Performance)	Uses a more efficient algorithm that significantly reduces the time to generate the access plan.	*ALLBASE/SQL Performance and Monitoring Guidelines*, "Optimization" in "Basic Concepts in ALLBASE/SQL Performance."
Access plan modification (Performance)	Allows modification of access plans for stored section to optimize performance. View the plan with SYSTEM.SETOPTINFO. New statement: SETOPT.	*ALLBASE/SQL Reference Manual*, SETOPT in "SQL Statements;" *ALLBASE/SQL Database Administration Guide*, SYSTEM.SETOPINFO in "System Catalog."
Syntax added to disable access plan optimization (Performance, Usability)	Specifies that the optimization information in the module file is not to be used. Changed syntax: EXTRACT, INSTALL, VALIDATE.	*ALLBASE/SQL Reference Manual*, VALIDATE in "SQL Statements; *ALLBASE/ISQL Reference Manual*," EXTRACT, INSTALL in "ISQL Commands."
Application Development Concurrency (Performance, Usability)	Provides enhancements to improve preprocessing performance when simultaneously accessed by multiple users. Page or row level locking on any system base table and processing without storing sections. See the related features in this table. New SQL parameter: SET DEFAULT DBEFileSet. SQL changed syntax: ALTER TABLE, GRANT, REVOKE, UPDATE STATISTICS. ISQL changed syntax: INSTALL. Changed SYSTEM and CATALOG view. New STOREDSECT tables. Special owners HPRDBSS and STOREDSECT. Changed syntax for Full Preprocessing Mode.	*ALLBASE/SQL Reference Manual*, "Names" and "SQL Statements;" *ALLBASE/SQL Advanced Application Programming Guide*, "Using the Preprocessor;" *ALLBASE/ISQL Reference Manual*, "ISQL Commands;" *ALLBASE/SQL Database Administration Guide*, "Database Creation and Security" and "System Catalog."
System Catalog tables (Performance)	Provides greater concurrency by allowing users to specify table, page, or row level locking of any system table owned by STOREDSECT through the ALTER TABLE statement.	*ALLBASE/SQL Reference Manual*, "Names;" *ALLBASE/SQL Database Administration Guide*, "System Catalog."
Preprocessors (Performance)	Allows optional specification of a DBEFileSet for storage of sections. Allows preprocessing without storing sections in DBEnvironment.	*ALLBASE/SQL Advanced Application Programming Guide*, "Using the Preprocessor."

New Features in ALLBASE/SQL Release G.0 (continued)

Feature (Category)	Description	Documented in . . .
I/O performance improvement (Performance)	Optimizes I/O for initial load, index build, serial scans, internal data restructuring, file activity, pseudo mapped files and temporary files. See the following features for new and changed syntax.	*ALLBASE/SQL Reference Manual*, "SQL Statements."
TRUNCATE TABLE statement (Performance)	Deletes all rows in a specified table leaving its structure intact. Indexes, views, default values, constraints, rules defined on the table, and all authorizations are retained. TRUNCATE TABLE is faster than the DELETE statement and generates fewer logs. New statement: TRUNCATE TABLE.	*ALLBASE/SQL Reference Manual*, TRUNCATE TABLE in "SQL Statements."
New scans (Performance)	Reads tables with a new parallel sequential scan. The tables are partitioned and files are read in a round robin fashion to allow OS prefetch to be more effective. Allows the I/O for a serial scan to spread across multiple disc drives.	*ALLBASE/SQL Performance and Monitoring Guidelines*, "Using Parallel Serial Scans" in "Guidelines on Query Design."
Load performance improvement (Performance)	Improves performance with new SET and SET SESSION attributes, a new binary search algorithm, and deferred allocation of HASH pages. New attributes for SET SESSION statement: FILL, PARALLEL FILL.	*ALLBASE/SQL Reference Manual*, SET SESSION in "SQL Statements."
ISQL enhanced to improve the performance of LOADs (Performance)	Uses new parameters of the ISQL SET command to set load buffer size and message reporting. Improves load performance. Choose a procedure, command file, or new ISQL command to set constraints deferred, lock table exclusively, and set row level DML atomicity. Changed syntax: SET (see the following feature).	*ALLBASE/ISQL Reference Manual*, SET in "ISQL Commands."

New Features in ALLBASE/SQL Release G.0 (continued)

Feature (Category)	Description	Documented in . . .
Modified SET options (Performance)	Provides better performance for LOADs and UNLOADs. Specify buffer size, status reporting for LOAD/UNLOAD or exclusive lock for data table. AUTOSAVE row limit increased to 2147483647. New and changed SET options: LOAD_BUFFER, LOAD_ECHO, AUTOLOCK, AUTOSAVE.	*ALLBASE/ISQL Reference Manual*, SET in "ISQL Commands;" *ALLBASE/SQL Performance and Monitoring Guidelines*, "Initial Table Loads" in "Guidelines on Logical and Physical Design."
SQLMON (Tools)	Monitors the activity of ALLBASE/SQL DBEnvironment. Provides information on file capacity, locking, I/O, logging, tables, and indexes. Summarizes activity for entire DBEnvironment or focuses on individual sessions, programs, or database components. Provides read-only information.	*ALLBASE/SQL Performance and Monitoring Guidelines*, chapters 6-9.
Audit (Tools)	Provides a series of features to set up an audit DBEnvironment which generates audit log records that you can analyze with the new SQLAudit utility for security or administration. Includes the ability to set up partitions. See *ALLBASE/SQL Database Administration Guide* for SQLAudit commands. Modified statements: ALTER TABLE, CREATE TABLE, START DBE NEW, START DBE NEWLOG. New statements: CREATE PARTITION, DROP PARTITION, DISABLE AUDIT LOGGING, ENABLE AUDIT LOGGING, LOG COMMENT.	*ALLBASE/SQL Reference Manual*, "SQL Statements;" *ALLBASE/SQL Database Administration Guide*, "DBEnvironment Configuration and Security" chapter and "SQLAudit" appendix.
Wrapper DBEnvironments (Tools)	Creates a DBEnvironment to wrap around the log files orphaned after a hard crash of DBEnvironment. New SQLUtil command: WRAPDBE.	*ALLBASE/SQL Reference Manual*, "Wrapper DBEnvironments" in "Using ALLBASE/SQL;" *ALLBASE/SQL Database Administration Guide*, WRAPDBE in "SQLUtil."
HP PC API is now bundled with ALLBASE/SQL.	PC API is an application programming interface that allows tools written with either the GUPTA or the ODBC interface to access ALLBASE/SQL and IMAGE/SQL from a PC.	*HP PC API User's Guide for ALLBASE/SQL*.

New Features in ALLBASE/SQL Release G.0 (continued)

Feature (Category)	Description	Documented in . . .
Increased memory for MPE/iX (HP-UX shared memory allocation is unchanged) (Performance)	Increases memory up to 50,000 data buffer pages and 2,000 run time control block pages. Increases the limits significantly allowing allocation of enough data buffer pages to keep the entire DBEnvironment in memory if desired for performance.	*ALLBASE/SQL Reference Manual*, STARTDBE, STARTDBE NEW, and START DBE NEWLOG in "SQL Statements;" *ALLBASE/SQL Database Administration Guide*, "ALLBASE/SQL Limits" appendix.
ALLBASE/NET enhancements (Connectivity, Performance)	Improves performance of ALLBASE/NET, allows more client connections on server system, and reduces number of programs on MPE/iX.	*ALLBASE/NET User's Guide*, "Setting up ALLBASE/NET."
ALLBASE/NET commands and options for MPE/iX (Connectivity, Usability)	Adds option ARPA. Adds option NUMSERVERS to check status of listeners and number of network connections. Changed syntax: ANSTART, ANSTAT, ANSTOP. Changed NETUtil commands: ADD ALIAS, CHANGE ALIAS.	*ALLBASE/NET User's Guide*, "Setting up ALLBASE/NET" and "NETUtil Reference."
ALLBASE/NET and NetWare (Connectivity)	ALLBASE/NET listener for NetWare now works with the 3.11 version of Novell's NetWare for UNIX (HP NetWare/iX).	*ALLBASE/NET User's Guide*, "Setting up ALLBASE/NET."
Changed restrictions for executing NETUtil commands for MPE/iX (Connectivity, Usability)	Adds SM or AM (in the specified account) to MANAGER.SYS for adding, changing, or deleting users for MPE/iX.	*ALLBASE/NET User's Guide*, "Setting up ALLBASE/NET."
ARPA is only TCP/IP interface for data communication through ALLBASE/NET beginning with HP-UX 10.0 (Connectivity)	Remote database access applications that specify NS will not work if the client and/or server machine is an HP 9000 Series 700/800 running HP-UX 10.0 or greater. Server Node Name entry must be changed from NS node name to ARPA host name. For the NETUsers file, the "Client Node Name" must be changed from the NS node name to the ARPA host name. New NETUtil commands: MIGRATE USER, MIGRATE ALIAS.	*ALLBASE/NET User's Guide*, "Setting up ALLBASE/NET" and "NETUtil Reference."

Conventions

UPPERCASE
: In a syntax statement, commands and keywords are shown in uppercase characters. The characters must be entered in the order shown; however, you can enter the characters in either uppercase or lowercase. For example:

    `COMMAND`

    can be entered as any of the following:

    `command`   `Command`   `COMMAND`

    It cannot, however, be entered as:

    `comm`   `com_mand`   `comamnd`

italics
: In a syntax statement or an example, a word in italics represents a parameter or argument that you must replace with the actual value. In the following example, you must replace *filename* with the name of the file:

    `COMMAND` *filename*

punctuation
: In a syntax statement, punctuation characters (other than brackets, braces, vertical bars, and ellipses) must be entered exactly as shown. In the following example, the parentheses and colon must be entered:

    (*filename*):(*filename*)

underlining
: Within an example that contains interactive dialog, user input and user responses to prompts are indicated by underlining. In the following example, yes is the user's response to the prompt:

    `Do you want to continue? >>` <u>`yes`</u>

{ }
: In a syntax statement, braces enclose required elements. When several elements are stacked within braces, you must select one. In the following example, you must select either `ON` or `OFF`:

    `COMMAND` $\left\{ \begin{array}{c} \texttt{ON} \\ \texttt{OFF} \end{array} \right\}$

[ ]
: In a syntax statement, brackets enclose optional elements. In the following example, `OPTION` can be omitted:

    `COMMAND` *filename* `[OPTION]`

    When several elements are stacked within brackets, you can select one or none of the elements. In the following example, you can select `OPTION` or *parameter* or neither. The elements cannot be repeated.

    `COMMAND` *filename* $\left[\begin{array}{c} \texttt{OPTION} \\ parameter \end{array} \right]$

Conventions (continued)

[...]   In a syntax statement, horizontal ellipses enclosed in brackets indicate that you can repeatedly select the element(s) that appear within the immediately preceding pair of brackets or braces. In the example below, you can select *parameter* zero or more times. Each instance of *parameter* must be preceded by a comma:

         [, *parameter*] [...]

     In the example below, you only use the comma as a delimiter if *parameter* is repeated; no comma is used before the first occurrence of *parameter*:

         [*parameter*] [,...]

| ... | In a syntax statement, horizontal ellipses enclosed in vertical bars indicate that you can select more than one element within the immediately preceding pair of brackets or braces. However, each particular element can only be selected once. In the following example, you must select A, AB, BA, or B. The elements cannot be repeated.

$$\left\{ \begin{array}{c} A \\ B \end{array} \right\} | \quad ... \quad |$$

...   In an example, horizontal or vertical ellipses indicate where portions of an example have been omitted.

Δ   In a syntax statement, the space symbol Δ shows a required blank. In the following example, *parameter* and *parameter* must be separated with a blank:

         (*parameter*)Δ(*parameter*)

⟨ ⟩   The symbol ⟨ ⟩ indicates a key on the keyboard. For example, ⟨RETURN⟩ represents the carriage return key or ⟨Shift⟩ represents the shift key.

⟨CTRL⟩*character*   ⟨CTRL⟩*character* indicates a control character. For example, ⟨CTRL⟩Y means that you press the control key and the Y key simultaneously.

Contents

Figures

1

Introduction

Information is returned to the user from ALLBASE/SQL in the form of **messages**, which are displayed when an unusual condition occurs in ISQL, SQLUtil, SQLAudit, SQLGEN, SQLMigrate, SQLMON, ALLBASE/NET, NETUtil, the preprocessors, or a user-written application program that contains ALLBASE/SQL commands.

ALLBASE/SQL Message Catalog

Messages are stored in the ALLBASE/SQL **message catalog**, which must be installed on your system. The pathname for the message catalog is /usr/lib/nls/$LANG/hpsqlcat, where $LANG is the current language. The default message catalog is /usr/lib/nls/n-computer/hpsqlcat. The default language is n-computer (US ASCII). For information about selecting a native language other than the default, refer to "Native Language Support" in a later section.

Types of Messages

This manual documents two basic types of messages:

- Warning messages
- Error messages

Warning Messages

Warning messages are followed by DBWARN and a number enclosed in parentheses. For example:

```
Output will be truncated.  (DBWARN 1)
```

Warnings do not cause your program or command to be aborted, but the entire command or the incorrect part of the command is either ignored by ALLBASE/SQL or modified by ALLBASE/SQL so that command processing may continue. In some cases, the transaction may be completed in a way other than intended and will need to be corrected. In other cases, warning messages are informational in nature and thus require no action to be taken. This manual will inform the user whether action needs to be taken or not.

Error Messages

Error messages are followed by DBERR and a number enclosed in parentheses. For example:

```
Number of copies must be in the range 1..20.  (DBERR 5)
```

Errors are usually caused by a user's attempting to perform a command with invalid information or without the required capability or authority.

There are three basic types of errors. ALLBASE/SQL responds to them differently depending on the severity of the error.

■ The first type of error is a syntax or authority-related error which keeps the current command from executing. This is the most common type.

■ The second type of error causes the current transaction to be aborted. In addition, a warning message is returned to inform you that the error was serious enough to terminate the transaction. For example:

```
A transaction in progress was aborted.  (DBWARN 2010)
```

■ The third type of error, a DBCore internal system error, is the least common and sometimes causes ALLBASE/SQL to be aborted.

Console Error Messages

In addition to messages with a DBWARN or DBERR number, you may receive unnumbered messages returned to the HP-UX system console from the ALLBASE/SQL daemon process. Console error messages typically alert the system administrator to a condition that affects the DBEnvironment as a whole.

User Defined Messages

Two statements permit you to create your own messages in ALLBASE/SQL procedures and applications:

■ RAISE ERROR
■ PRINT

RAISE ERROR

The RAISE ERROR statement permits users to define their own message catalogs. The number range 7000 - 7999 is reserved for use in RAISE ERROR. No errors in this range will be generated by ALLBASE/SQL.

Each error caused by the RAISE ERROR statement is a regular error that generates a message placed in the message buffer. A raised error halts the execution of a rule, if issued within a procedure invoked by a rule. A raised error does not cause transaction rollback or disconnection from the DBEnvironment.

Any use of this statement will generate an error. The error number returned in SQLCODE will be the specified error number or, if none is specified, the default error number (2350). The error text returned will be the error text specified. If no text is specified, then no text is returned. Messages stored in the message buffer are available to application programs through the use of the SQLEXPLAIN statement. Inside application programs, test SQLCODE, and

if its value is less than zero, use SQLEXPLAIN to retrieve messages stored in the message buffer. SQLEXPLAIN *cannot* be used inside procedures.

The RAISE ERROR statement can be used to override the existing message catalog if the user issues this statement with an existing error number defined in this manual. However, if existing warning numbers are used, raised errors are not treated as warnings; they are always treated as errors.

You should define the action a user should take for each error number used with RAISE ERROR. You can do this by including an explanation in the error text itself or in external documentation. Refer to the *ALLBASE/SQL Reference Manual* for additional information on using the RAISE ERROR statement.

PRINT

The PRINT statement, available only inside procedures, lets you place informational messages in the message buffer. PRINT is intended for informational messages that have the status of warnings (though no actual warning may be intended). No numbers are assigned in the PRINT statement. Inside application programs, test SQLWARN0 for a value of 'W', and if this condition is true, use SQLEXPLAIN to retrieve messages stored in the message buffer. Refer to the *ALLBASE/SQL Reference Manual* for additional information on using the PRINT statement.

How Messages are Returned

Depending on the way you are using ALLBASE/SQL, messages will be returned in one of the following ways:

■ When you use ISQL, SQLUtil, SQLAudit, SQLGEN, SQLMigrate, SQLMON, ALLBASE/NET, or NETUtil interactively, messages are returned to the standard output, which is typically the terminal screen. These messages appear immediately after ALLBASE/SQL encounters a problem. When using ISQL, SQLUtil, SQLAudit, SQLGEN, SQLMigrate, SQLMON, NET, or NETUtil in background, messages are returned to the standard output after processing.

■ When an error occurs during execution of an ISQL command file, one of two things will occur. If SET CONTINUE is ON, the error message is displayed on the screen and the subsequent commands are executed. If SET CONTINUE is OFF, a message is returned to the terminal screen and none of the subsequent commands are executed. Refer to the *ALLBASE/ISQL Reference Manual* for additional information on the CONTINUE option of the SET command.

■ When you use the preprocessors, errors and warnings are returned to a file in your current working directory called *sqlmsg*. A module is not stored when an error is encountered, and your source code needs to be corrected before re-preprocessing. For additional information, refer to the ALLBASE/SQL application programming guide for the language you are using.

■ An application program that contains embedded SQL commands must include error handling routines to return runtime errors using the SQLEXPLAIN command. For additional information on SQLEXPLAIN, refer to the ALLBASE/SQL application programming guide for the language you are using.

- Some errors are written directly to a file named /tmp/hpsqlerr. Errors are written to this file when they cannot be displayed on the terminal.

- Errors from sqldaemon are returned to the system console.

While some messages will be self-explanatory, others will require additional information which can be obtained from this manual, other ALLBASE/SQL manuals, or the ISQL, SQLUtil, SQLAudit, SQLGEN, SQLMigrate, SQLMON, or NETUtil HELP command.

Understanding Message Manual Entries

Messages are presented in numerical order. The messages are categorized as follows:

1 - 499	ISQL messages
500 - 699	SQLAudit messages
700 - 799	SQLGEN messages
1000 - 1999	Parser and linearizer messages
2000 - 4999	SQLCore messages
7000 - 7999	Reserved for use in RAISE ERROR
8000 - 8999	SQLUtil messages
9000 - 9999	ACI messages
10000 - 12999	Preprocessor messages
13000 - 13499	DBCore messages
13500 - 13699	ALLBASE/Turbo CONNECT runtime messages
13700 - 15999	DBCore messages
16000 - 16999	DBECon messages
20000 - 20999	SQLMigrate messages
25000 - 29999	ALLBASE/NET messages
30000 - 30999	Data communication NetIPC messages
31000 - 31899	Data communication BSD messages
31900 - 31999	ALLBASE/NET common messages
32000 - 32999	ATCUtil messages
33000 - 33499	ALLBASE/DB2 CONNECT messages
34000 - 34999	SQLMON messages
(unnumbered)	Console error messages

CAUSE and ACTION for Messages

Each message in this manual is followed by a CAUSE, which gives information as to why the warning or error occurred. This is followed by an ACTION, which gives information on how to resolve the problem, refers the user to an appropriate manual, or suggests contacting an HP Service Representative or the Response Center. For example:

13	MESSAGE	! not a column name in table !. (DBERR 13)
	CAUSE	The column you specified in the LOAD EXTERNAL command does not exist in the table specified.
	ACTION	Use the INFO command to check which columns are in the specified table.

Use of Exclamation Points

Some messages contain one or more exclamation points (!), which are replaced by more specific information (such as a number, filename, or subsystem name) when the condition occurs. For example, if the filename you specified was PurchDF1, this message is received:

```
Error erasing file 'PurchDF1'.  (DBERR 7)
```

The message is documented in this manual as:

```
Error erasing file '!'.  (DBERR 7)
```

Using the HELP command

ISQL, SQLAudit, SQLGEN, SQLUtil, NETUtil, SQLMigrate, and SQLMON have HELP commands. The help facility can be used for basic information such as correct syntax for a specific command. For example:

```
isql=> help info;

========================
  ISQL INFO Command
========================

The INFO command displays definitions of the columns of a table
or view.

--- SYNTAX ---

  INF[O] {[Owner.]TableName}
         {[Owner.]ViewName }

--- EXAMPLE ---

  INFO System.Table
```

In ISQL, type HELP @ to obtain a list of all the ISQL and SQL commands.

Understanding Messages Returned from Remote Nodes

If you are using ALLBASE/NET, you may receive error and warning messages from a version of ALLBASE/SQL running under an operating system that is different from the operating system of your local node. Although most ALLBASE/SQL error messages are similar across operating systems, there are significant differences in details for messages dealing with file names and user names. Also, some messages may appear only under a particular operating system. When such differences appear in a message, you may need to refer to the *ALLBASE/SQL Message Manual* for both the client (local system) and the server (remote system) in order to obtain a complete explanation of an error condition.

Connecting to a DBEnvironment

Attempting a CONNECT may result in the display of several messages. When an application issues a command to connect to a DBEnvironment, ALLBASE/SQL first attempts a local connection. If one of the following conditions exists on the local node, ALLBASE/SQL attempts a remote connection:

- The CONNECT command is issued on a diskless node.

- The /usr/lib/hpsqlproc file (database server process) does not reside on the local node.

- There is no file with the DBEnvironmentName referred to in the CONNECT command on the local system.

- There is a file with that name, but it is not a DBECon file on the client system.

If the remote connection is not successful, one or two error messages are returned, as shown in the following illustration.

Connect to
DBEnvironment

First Message
Remote connect
attempted

Second Message
Local connect
attempted

Is this is a diskless system ? — No — Yes

AliasDB file exists ? — No → DBERR 27008 File system error on AliasDB file.
Yes

Is there a local database process ? — No
Yes

Valid profile in AliasDB file ? — No → DBERR 27002 No matching profile found in the AliasDB file.
Yes

Is there a local file of that name ? — No
Yes

Listener running ? — No → DBERR 31239 or DBERR 30037
Yes

Is the file a DBECon file ? — No
Yes

NETUsers file exists ? — No → DBERR 26008 File system error on NETUsers file.
Yes

Was local connect successful ? — No
Yes

Valid profile in NETUsers file ? — No → DBERR 26002 No matching profile found in NETUsers file.
Yes

Local connection

Valid entry in password file ? — No → DBERR 31994 No entry found in password file on server.
Yes

Is this a diskless system ? — No
Yes

Corresponding error message for ALLBASE/SQL problem.

Remote connect successful ? — No → Corresponding error message for ALLBASE/SQL problem.
Yes

DBERR 29009 Diskless node. remote access required.

Remote connection

DBWARN 29007 with local error message as a parameter (3071, 3066, 3078, 4103).

Figure 1-1. Connecting to a DBEnvironment

Native Language Support

If your system has the proper message files installed, ALLBASE/SQL displays prompts, messages and banners in the language you select; and it displays system dates and time according to local customs. In addition, ISQL accepts responses to its prompts in the native language selected. However, regardless of the native language used, the syntax of ISQL and SQL commands—including punctuation—remains in ASCII.

In order to use a native language other than the default, you must follow the steps below:

1. Make sure your I/O devices support the character set you wish to use.

2. Set the HP-UX environment variable LANG to the native language (*LanguageName*) you wish to use. For the C shell, use the following command:

   `setenv LANG` *LanguageName*

   For the K shell, use the following command (no spaces before or after the equals sign):

   `typeset -x LANG=`*LanguageName*

   For the Bourne shell, use the following commands:

   `LANG=`*LanguageName*
   `export LANG`

   This language then becomes the **current language**. (If LANG is not set, the current language is n-computer.)

3. When you create a DBEnvironment, use the LANG=*LanguageName* option of the START DBE NEW command to specify the language.

You can use native language characters in the DBEnvironment name. If you do so, you must set the LANG environment variable to the same language before you can connect to the DBEnvironment. To avoid confusion, you are advised to use the same language for the DBEnvironment that you use in the LANG variable. Resetting the LANG variable while you are connected to a DBEnvironment has no effect on the current DBE session.

Using Other Manuals

In some cases, you may want to refer to one of the following documents for additional information about ALLBASE/SQL:

- All users should refer to the *ALLBASE/SQL Reference Manual* for in-depth information on basic ALLBASE/SQL terms and concepts, and to the *ALLBASE/ISQL Reference Manual* for information about interactive access to ALLBASE/SQL databases.

- Database administrators should refer to the *ALLBASE/SQL Database Administration Guide* for information on database creation and maintenance activities and how to use SQLAudit, SQLUtil, SQLGEN, and SQLMigrate.

- Database administrators should refer to the *ALLBASE/SQL Performance and Monitoring Guidelines* for information on performance issues, monitoring activities, and how to use SQLMON.

- Application programmers should refer to the appropriate ALLBASE/SQL application programming guide for details on embedding SQL commands in application programs.

- Users of ALLBASE/NET should refer to the *ALLBASE/NET User's Guide* for information on accessing a remote DBEnvironment.

2

ALLBASE/SQL Warning Messages

1 MESSAGE Output will be truncated. (DBWARN 1)

   CAUSE   The SELECT statement generated rows that are longer than the
            size specified by the PAGEWIDTH option of the SET command.
            The pagewidth may be set to a maximum of 254 bytes.
   ACTION   Increase the pagewidth value using the ISQL SET command.

2 MESSAGE File '!' already exists. Next SELECT will overwrite.
            (DBWARN 2)

   CAUSE   You have specified a file name that already exists as the output
            file for the results of a SELECT.

   ACTION   No action is necessary if you want to overwrite the existing file.
            Specify another output file name using the OUTPUT option of
            the ISQL SET command if you want output to go to a different
            file.

3 MESSAGE Column name ! truncated to ! bytes. (DBWARN 3)

   CAUSE   A column name specified in the ISQL INPUT command was
            greater than 20 bytes. This probably occurred because you did
            not leave a space between column names. If the bytes which
            remained after the truncation formed an existing column name,
            the command was executed for that column.

   ACTION   Delete any rows that were incorrectly input. Issue the INPUT
            command again, separating the column names with spaces.

4 MESSAGE Parameter substitution caused overflow – command
            truncated. (DBWARN 4)

   CAUSE   Substitution of parameter values into the command caused the
            command length to exceed 2048 bytes, necessitating truncation.

   ACTION   Try to rewrite the command so that the command length after
            parameter substitution will be no greater than 2048 bytes.

5	MESSAGE	BULK not allowed interactively - ignored. (DBWARN 5)
	CAUSE	You issued a BULK SELECT or BULK FETCH option while in ISQL.
	ACTION	Any SELECT performed in ISQL is automatically treated as a BULK SELECT. BULK is an option for programming with SQL only. Refer to the *ALLBASE/SQL Reference Manual* for additional information.

6	MESSAGE	Transaction terminated. (DBWARN 6)
	CAUSE	EOF was reached on input file.
	ACTION	SQLCore automatically rolled back the transaction. No action is necessary.

7	MESSAGE	Commands after START ignored. (DBWARN 7)
	CAUSE	You may not have any additional commands on the command line after a START command.
	ACTION	Refer to the *ALLBASE/SQL Reference Manual* for more information.

8	MESSAGE	Numeric field error on line !, column !. (DBWARN 8)
	CAUSE	The line number specified contains non-numeric data in the column indicated. The LOAD EXTERNAL command continues executing and loads a 0 value for that column.
	ACTION	Refer to the *ALLBASE/ISQL Reference Manual* for additional information on the LOAD EXTERNAL command.

9	MESSAGE	Entire command has been deleted. (DBWARN 9)
	CAUSE	You deleted the entire command using the REDO command.
	ACTION	No action is necessary.

10	MESSAGE	Load file is empty. (DBWARN 10)
	CAUSE	The file that you named in the LOAD EXTERNAL command is empty. No rows were processed.
	ACTION	No action is necessary.

11	MESSAGE	LOAD command stopped because of error. (DBWARN 11)
	CAUSE	An INTERNAL load could not be continued due to another error. An additional message will be returned.
	ACTION	Refer to the cause and action of the additional message.

12	MESSAGE	Starting row is beyond end of load file. (DBWARN 12)
	CAUSE	The starting row number specified in the LOAD PARTIAL command was beyond the last line of the file. No rows were loaded.
	ACTION	Issue the LOAD command again, specifying an appropriate starting row.

13	MESSAGE	Number of rows specified exceeds number in load file. (DBWARN 13)
	CAUSE	The number of rows specified in the LOAD PARTIAL command was greater than the number of rows between the starting row and the end of the file.
	ACTION	No action is necessary. All qualifying rows, from the starting row to the end of the file, were loaded.

14	MESSAGE	User language and DBE language differ. (DBWARN 14)
	CAUSE	You started or connected to a DBEnvironment with a language other than your current language.
	ACTION	Exit ISQL. Set your LANG environment variable and invoke ISQL.

15	MESSAGE	Local catalog is inaccessible. Default catalog in use. (DBWARN 15)
	CAUSE	The ALLBASE/SQL message catalog corresponding to your language cannot be accessed, probably because it does not exist.
	ACTION	Contact your system administrator.
16	MESSAGE	Unable to load all local response options. (DBWARN 16)
	CAUSE	One or more of the local response options was missing from the message catalog or contained invalid data.
	ACTION	Contact your system administrator.
17	MESSAGE	Local response options are not unique. (DBWARN 17)
	CAUSE	The local response options in the message catalog are not unique.
	ACTION	Contact your system administrator.
18	MESSAGE	Field boundaries specified do not coincide with character boundaries. (DBWARN 18)
	CAUSE	The byte at a starting location specified in the LOAD command is the second byte of a two-byte character, or the last byte of a field is the first byte of a two-byte character.
	ACTION	Delete the rows loaded. Issue the LOAD command again, specifying field boundaries that coincide with character boundaries.
19	MESSAGE	Unable to upshift native language string. (DBWARN 19)
	CAUSE	ISQL was unable to upshift a character string, probably because the string contains one or more invalid bytes.
	ACTION	Issue your command again, specifying valid input.

20	MESSAGE	Unable to split string into lines. (DBWARN 20)
	CAUSE	ISQL was unable to split a character string into lines, probably because the string contains one or more invalid bytes.
	ACTION	Issue your command again, specifying valid input.

21	MESSAGE	Unable to trim trailing blanks from multi-byte native language string. (DBWARN 21)
	CAUSE	ISQL was unable to trim trailing blanks from a character string, probably because the string contains one or more invalid bytes.
	ACTION	Issue your command again, specifying valid input.

22	MESSAGE	Unable to truncate multi-byte native language string. (DBWARN 22)
	CAUSE	ISQL was unable to truncate a character string, probably because the string contains one or more invalid bytes.
	ACTION	Issue your command again, specifying valid input.

23	MESSAGE	Unable to obtain user language. Default language n-computer assumed. (DBWARN 23)
	CAUSE	Your LANG environment variable is set to a language that is not configured, or the support files for your language are missing.
	ACTION	Contact your system administrator.

24	MESSAGE	No language set. Default language n-computer assumed. (DBWARN 24)
	CAUSE	Your LANG environment variable is not set.
	ACTION	Set your LANG variable if desired.

25	MESSAGE	Local welcome file is inaccessible. Default file in use. (DBWARN 25)
	CAUSE	The ISQL welcome file corresponding to your language cannot be accessed, probably because it does not exist.
	ACTION	Contact your system administrator.

232	MESSAGE	! conversion error on line !, column !. (DBWARN 232)
	CAUSE	There is a problem converting Date, Time, DateTime, or Interval field to internal format when trying to load the data from an external data file. The error messages following this one will give more specific information on the problem.
	ACTION	Check the load information specified for this field (start position, length, date/time/interval field format) and the format of the data value for possible problems. Correct problems and redo LOAD operation.

233	MESSAGE	Default format not used for ! field, column !. (DBWARN 233)
	CAUSE	You did not use the default format for a Date, Time, DateTime or Interval field in the load description file.
	ACTION	Modify the format in the descriptor file. Make sure the data is in the default format and redo the LOAD operation. Refer to the *ALLBASE/ISQL Reference Manual* for format specifications.

234	MESSAGE	Unable to convert ! value to a displayable format. (DBWARN 234)
	CAUSE	Unable to convert a Date, Time, DateTime or Interval value to a value that can be stored in the data file. This was probably due to a bad format or length specified for the field.
	ACTION	Check the unload format and length given for this field. Correct any problems and redo the UNLOAD operation.

235	MESSAGE	Only first ! rows can be displayed. (DBWARN 235)
	CAUSE	More rows qualified for the SELECT statement than can be viewed through ISQL.
	ACTION	If all the rows of data need to be viewed, use the UNLOAD EXTERNAL command to unload the data to an ASCII file.

236	MESSAGE	*WARNING*: DATA NOT COMPLETE - FIRST ! ROWS DISPLAYED. (DBWARN 236)
	CAUSE	This message is displayed on the last line of the outfile when an outfile is specified with the OUTPUT option of the ISQL SET command and more rows qualify for the SELECT than can be viewed within ISQL. The outfile will hold all the rows that can be viewed within ISQL.
	ACTION	If all the rows of data need to be viewed, use the UNLOAD EXTERNAL command to unload the data to an ASCII file.

302	MESSAGE	File Device Full. (DBWARN 302)
	CAUSE	Your storage medium (tape or disk) is full.
	ACTION	If your storage is on tape, mount another tape. If your storage is on disk, exit, clean up the file system, and try again. If the problem persists, contact the system administrator.

502	MESSAGE	Nothing left to audit. (DBWARN 502)
	CAUSE	This warning is returned if SQLAudit determines that there is nothing left to audit in the DBEnvironment log files. This usually is the case if there have been no new transactions committed between the time the beginning audit point was defined and the ending audit point was defined.
	ACTION	This is not a real error, but you should check to make sure the partitions that have been supplied to SQLAudit include all partitions you wish to see transactions for.

506	MESSAGE	Partition ! has no committed transactions. (DBWARN 506)
	CAUSE	The partition being audited has no committed transactions. This basically means that no committed transactions have touched data belonging to the specified partition.
	ACTION	No action required except to make sure the partition was intended to be audited.

522	MESSAGE	Duplicate Partition Number entered. Ignored. (DBWARN 522)
	CAUSE	The same partition was entered previously.
	ACTION	No action necessary since the duplicate partition is ignored.

523	MESSAGE	No transactions exist for the given set of Partition Numbers. (DBWARN 523)
	CAUSE	No transactions have been committed which affect the list of audited partitions.
	ACTION	No action necessary.

525	MESSAGE	Partition ! has no transactions to audit. (DBWARN 523)
	CAUSE	No transaction information was found in the ending audit point for the given partition. This would be possible if no committed transactions have touched the partition, or the transaction information was removed through a hard resync.
	ACTION	No action necessary.

528	MESSAGE	SET DBENVIRONMENT command has not been issued yet. (DBWARN 528) Calling SET DBENVIRONMENT for you before proceeding with command.
	CAUSE	You do not currently have a DBEnvironment session active. This would be established by using the SET DBENVIRONMENT command. This command will automatically be issued on your behalf.
	ACTION	Enter the name of the DBEnvironment at the prompt to establish the DBEnvironment session.

700	MESSAGE	A DBE session is already started. (DBWARN 700) Type 'RELEASE' if you wish to start a new DBE session.
	CAUSE	A DBE session has already been started.
	ACTION	Issue the RELEASE statement to end the current session and then use the STARTDBE statement to begin a new DBEnvironment session.

701	MESSAGE	A DBE session has not been started. (DBWARN 701) Calling STARTDBE for you before proceeding with command.
	CAUSE	A DBEnvironment session has not been started.
	ACTION	The STARTDBE statement was automatically called to begin the session. Enter the necessary DBEnvironment name.

703	MESSAGE	[RETURN] not allowed for UNLOAD/LOAD Schema File name. (DBWARN 703)
	CAUSE	A carriage return was entered at the UNLOAD/LOAD Schema File name prompt. This is not allowed.
	ACTION	Enter a valid UNLOAD/LOAD Schema File name.

704	MESSAGE	Prefix is required to be from 1 to 5 bytes long. (DBWARN 704)
	CAUSE	Entered prefix was an invalid length.
	ACTION	Re-enter the prefix name with a length of 1 to 5 bytes.

705	MESSAGE	Unrecognized command. (DBWARN 705)
	CAUSE	An unknown command was entered.
	ACTION	Enter a valid SQLGEN command.

706	MESSAGE	No help for that command. (DBWARN 706)
		HELP keywords are GENERAL, MAIN, OBJECT, and SUMMARY. Type '//' to leave SQLGEN HELP.
	CAUSE	An unrecognized command was entered for HELP.
	ACTION	Enter a valid SQLGEN command at the HELP prompt.

707	MESSAGE	No View Names qualify for specified owner. (DBWARN 707)
	CAUSE	The entered view name does not match any of the owner names in the DBEnvironment.
	ACTION	Enter a valid view name from the DBEnvironment.

711	MESSAGE	No owner names match the entered Owner Name. (DBWARN 711)
	CAUSE	The entered Owner name does not match any of the Owner names in the DBEnvironment.
	ACTION	Enter a valid owner name from the DBEnvironment.

712	MESSAGE	No owners qualify for specified generate command. (DBWARN 712)
	CAUSE	The owner name or DBEFileSet name entered does not match any owner names or DBEFileSet names in the DBEnvironment.
	ACTION	Reissue the command specifying valid Owner names or DBEFileSet names found in the DBEnvironment.

713	MESSAGE	Unacceptable object name entered. (DBWARN 713)
		For information on object names, type 'HELP OBJECT' at the SQLGEN prompt.
	CAUSE	An invalid object name was entered.
	ACTION	Reissue the command specifying a valid object name. If more detailed information is needed, issue the HELP command to illustrate valid object names.

714	MESSAGE	Unacceptable null indicator entered. (DBWARN 714) Default null indicator used instead.
	CAUSE	An invalid null indicator was entered.
	ACTION	The default null indicator "?" was used. No additional user response is necessary.

715	MESSAGE	User needs to have DBA authority to use SQLGEN. (DBWARN 715) Terminating the DBE session.
	CAUSE	User does not have DBA authority to the DBEnvironment.
	ACTION	Before using SQLGEN, the user must obtain DBA authority.

716	MESSAGE	No SQL commands generated. (DBWARN 716)
	CAUSE	The executed SQLGEN command did not generate any commands which were put into the Schema File.
	ACTION	No response is necessary. If SQL commands should have been generated, check for misspelled object names, etc.

717	MESSAGE	Please check object names entered. (DBWARN 717) For information on object names, type 'HELP OBJECT' at the SQLGEN prompt.
	CAUSE	The entered object name may not have been correct.
	ACTION	Reissue the command using the correct object name. Use the HELP command to obtain more information on object names.

719	MESSAGE	No DBE session has been started. (DBWARN 719)
	CAUSE	A RELEASE statement was issued on a session that had not been started yet.
	ACTION	Use the STARTDBE statement to start a DBEnvironment session.

721	MESSAGE	`ALLBASE/SQL error occurred. Recovering file ! (DBWARN 721)`
	CAUSE	An error in executing an ALLBASE/SQL command occurred while the Schema File was being modified.
	ACTION	No response is necessary. The Schema File will be recovered to the state prior to the SQLGEN command execution.

723	MESSAGE	`Illegal character encountered in file name. (DBWARN 723)`
	CAUSE	An illegal character was entered in the file name.
	ACTION	Re-type the file name without the illegal character.

724	MESSAGE	`Designated Schema File has been purged from system. (DBWARN 724) Will attempt to rebuild the Schema File.`
	CAUSE	The designated Schema File was non-existent when SQLGEN tried to open the file. Will attempt to rebuild the Schema File.
	ACTION	No response is necessary. SQLGEN will attempt to build a new Schema File.

725	MESSAGE	`Object name entered is too long. It will be truncated. (DBWARN 725)`
	CAUSE	The object name entered was longer than 20 bytes.
	ACTION	Enter a valid object name no more than 20 bytes in length.

730	MESSAGE	`Native catalog not available. Using n-computer catalog. (DBWARN 730)`
	CAUSE	The LANG environment variable was not set
		or
		the message catalog 'hpsqlcat' was not found in the /usr/lib/nls/$LANG directory.
	ACTION	If native language support is desired, verify that the LANG environment variable is set correctly
		or
		contact your system administrator.

731	MESSAGE	Unable to load all native language information. (DBWARN 731)
	CAUSE	There was a problem loading the native language responses from the message catalog. Local language responses in the message catalog were incorrect. Only default language responses will be used.
	ACTION	Contact your system administrator.

732	MESSAGE	User language and DBE language differ. (DBWARN 732)
	CAUSE	The user's LANG environment variable and the DBEnvironment's language are different.
	ACTION	Exit SQLGEN. Set your LANG environment variable to match the DBEnvironment language, then invoke SQLGEN.

733	MESSAGE	SQLGEN cannot be used on remote DBEnvironments. (DBWARN 733)
	CAUSE	SQLGEN cannot access remote DBEnvironments.
	ACTION	Do not execute SQLGEN on a remote DBEnvironment.

736	MESSAGE	No Users qualify for specified generate command. (DBWARN 736)
	CAUSE	No users had the authority for the specified command.
	ACTION	Check the authorization requirements.

1681	MESSAGE	Local catalog is inaccessible. Default catalog in use. (DBWARN 1681)
	CAUSE	The ALLBASE/SQL message catalog corresponding to your language cannot be accessed, probably because it does not exist.
	ACTION	Contact your system administrator.

1800	MESSAGE	Non-standard command or extension. (DBWARN 1800)
	CAUSE	This is an ALLBASE/SQL extension to the ANSI SQL/89 standard.
	ACTION	Do not use this command or extension if portability is a concern.

1801	MESSAGE	Non-standard extension, label (!) needs to be preceded by a COLON. (DBWARN 1801)
	CAUSE	This is an ALLBASE/SQL extension to the ANSI SQL/89 standard.
	ACTION	Add the colon in the front of the label if portability is a concern.

1802	MESSAGE	Non-standard extension, lower case keyword (!) is used. (DBWARN 1802)
	CAUSE	Lower case keywords are not allowed in the ANSI SQL/89 standard.
	ACTION	Use upper case keywords if portability is a concern.

1803	MESSAGE	Non-standard extension, identifier (!) exceeds maximum length of 18 bytes. (DBWARN 1803)
	CAUSE	Identifier exceeds maximum allowed in ANSI SQL/89 standard.
	ACTION	Do not use this identifier length if portability is a concern.

1804	MESSAGE	Use of multiple DISTINCTs within a query or subquery is a non-standard extension. (DBWARN 1804)
	CAUSE	Allowing multiple distincts in a query or subquery is an ALLBASE/SQL extension to the ANSI SQL/89 standard.
	ACTION	Do not use this statement if portability is a concern.

1805	MESSAGE	DDL statement outside a CREATE SCHEMA statement is a non-standard extension. (DBWARN 1805)
	CAUSE	ANSI SQL/89 requires DDL commands to be within a CREATE SCHEMA AUTHORIZATION statement.
	ACTION	Place all DDL commands within the CREATE SCHEMA statement if portability is a concern.

1806	MESSAGE	Use of keyword as an identifier is a non-standard extension. (DBWARN 1806)
	CAUSE	Use of keywords as identifiers is an ALLBASE/SQL extension to the ANSI SQL/89 standard.
	ACTION	Do not use keywords as identifiers if portability is a concern.

1807	MESSAGE	Access to SYSTEM/CATALOG tables/views is a non-standard extension. (DBWARN 1807)
	CAUSE	ALLBASE/SQL system/catalog views and tables are non-standard objects.
	ACTION	Do not access these objects if portability is a concern.

1808	MESSAGE	An object with owner (!) not equal to schema name (!) is a non-standard extension. (DBWARN 1808)
	CAUSE	This is an ALLBASE/SQL extension to the ANSI SQL/89 standard.
	ACTION	Modify the syntax if portability is a concern.

2005	MESSAGE	The index dropped is a clustering index. (DBWARN 2005)
	CAUSE	The index you just dropped with the DROP INDEX statement was created with the CLUSTERED attribute.
	ACTION	No action is necessary.

2006	MESSAGE	`User ! already has ! authorization.  (DBWARN 2006)`
	CAUSE	You tried to grant an authorization to a user that already has that authorization.
	ACTION	No action is necessary.

2007	MESSAGE	`User ! already has ! authorization on !.!.  (DBWARN 2007)`
	CAUSE	You tried to grant authority on a table or a module to a user that had already been granted authority on the specified table or module. Either you granted the table authority before, or you are the OWNER of the table or a DBA (and so you will be able to revoke it even if you are not the grantor of it).
	ACTION	No action is necessary.

2008	MESSAGE	`User ! already has ! authorization on !.!.!.  (DBWARN 2008)`
	CAUSE	You tried to grant authority on a specific column to a user that had already been granted authority on the specified column. Either you granted the column authority before, or you are the OWNER of the table or a DBA (and so you will be able to revoke it even if you are not the grantor of it).
	ACTION	No action is necessary.

2010	MESSAGE	`A transaction in progress was aborted.  (DBWARN 2010)`
	CAUSE	You issued a RELEASE or STOP DBE statement without issuing a COMMIT WORK or ROLLBACK WORK statement first.
	ACTION	No action is necessary.

2011	MESSAGE	`Use SQLUtil to purge physical file !.  (DBWARN 2011)`
	CAUSE	When you issue a DROP DBEFILE statement, the actual physical file is not deleted; it is only deleted from the system catalog.
	ACTION	Use the SQLUtil PURGEFILE command to purge the physical file.

2012	MESSAGE	DBEFile already of specified DBEFile type. (DBWARN 2012)
	CAUSE	The DBEFile you attempted to ALTER was already of the specified type.
	ACTION	No action is necessary.

2014	MESSAGE	Module !.! not found. (DBWARN 2014)
	CAUSE	The module specified in the EXECUTE or DROP MODULE statement does not exist.
	ACTION	Check your spelling. Ask your database administrator to check the SYSTEM.SECTION view to make sure that the module exists in the DBEnvironment to which the application is connected.

2015	MESSAGE	Row size of table !.! exceeds ! bytes. (DBWARN 2015)
	CAUSE	The row size of the table you created exceeds the maximum number of bytes.
	ACTION	No action necessary. An error will occur only if you attempt an operation that causes the row length of the table to exceed the maximum number of bytes.

2016	MESSAGE	Length of index ! on table !.! exceeds ! bytes. (DBWARN 2016)
	CAUSE	The index that you created exceeds the maximum key length and contains a VARCHAR column.
	ACTION	No action is necessary as long as the length of the VARCHAR data does not cause the maximum key length to be exceeded. The key length is determined using the actual data length in the VARCHAR column. If the maximum key length is exceeded, an error will occur when the index is accessed.

2017	MESSAGE	The data updated/deleted is in the RC/RU transaction. (DBWARN 2017)
	CAUSE	You updated or deleted data in the transaction which is started in RC or RU mode.
	ACTION	If you are using a non-cursor UPDATE or DELETE statement, you may ignore this message.
		If you are using the UPDATE/DELETE WHERE CURRENT statement, ALLBASE/SQL only guarantees that the data still satisfies the cursor definition. To guarantee integrity, you might wish to use the REFETCH statement to validate the data before you actually update/delete the data.

2018	MESSAGE	Length of hash key on table !.! exceeds ! bytes. (DBWARN 2018)
	CAUSE	The key length of the hash defined on the table exceeds the maximum key length and the key contains a VARCHAR column.
	ACTION	No action is necessary as long as the actual length of the VARCHAR data does not cause the maximum key length to be exceeded. The key length is determined using the actual data length in the VARCHAR column. If the maximum key length is exceeded, an error will occur when the hash structure is accessed.

2019	MESSAGE	ASCII definition of view !.! not available for storage. (DBWARN 2019)
	CAUSE	The stored module being executed contains a CREATE VIEW that was prepared or preprocessed before the existence of the SYSTEM.VIEWDEF table. Therefore, it is not possible to store the select string that defines the view.
	ACTION	If it is important that the ASCII view definition be stored, use the PREPARE statement through ISQL to create a new version of the module containing the CREATE VIEW statement or preprocess the program again. Refer to the *ALLBASE/SQL Reference Manual* for information on the PREPARE statement.

2020	MESSAGE	DBEnvironment corruption suspected - Rollforward recovery required. (DBWARN 2020)
	CAUSE	An error may have caused the DBEnvironment to be corrupted. An additional message will be returned.
	ACTION	Refer to the cause and action of the additional message. Do not perform additional transactions at this time. Contact your database administrator for rollforward recovery on the DBEnvironment.
2021	MESSAGE	Device name is ignored on HP-UX system. (DBWARN 2021)
	CAUSE	The CREATE DBEFile command contained a device specification. A device specification is only applicable to MPE/iX.
	ACTION	Ignore the warning, or resubmit the command without a device specification.
2023	MESSAGE	Please close all open scans before proceeding with RESUME. (DBWARN 2023)
	CAUSE	CREATE DBEFile command contained a DEVICE specification. The MPE/iX system where the replicated database resides does not have a volume with this name. DBEFile is create on whatever volume the system chooses.
	ACTION	Ignore the warning, or MOVE the DBEFile to a desired device using SQLUtil.
2025	MESSAGE	User ! has no grantable authority on !.!. (DBWARN 2025)
	CAUSE	You issued a GRANT ALL statement but have no Owner or DBA authority and have no grantable privileges on the table. Nothing was granted.
	ACTION	No action required.

2026	MESSAGE	REVOKE CASCADE has dropped a view or foreign key. (DBWARN 2026)
	CAUSE	A view or foreign key depended on the SELECT or REFERENCES privilege being revoked, so REVOKE CASCADE dropped the dependent item.
	ACTION	Rollback will recover the item if it needs recovery; otherwise, no action is necessary.
2027	MESSAGE	Column ! not found in table/view !.!. (DBWARN 2027)
	CAUSE	A column included in a column-level GRANT was not found in the table or view specified.
	ACTION	If the column was mis-spelled, revoke that column authority and grant on the correct column.
2028	MESSAGE	User ! already has ! authorization on columns of !.! from a different grantor. (DBWARN 2028)
	CAUSE	Your GRANT of a table level authority has overridden one performed by another grantor. The column authorities given by that grantor are removed, and replaced with your table level authorities (with you as the grantor).
	ACTION	None necessary. The other grantor will not be able to revoke this table level authority.
2029	MESSAGE	User ! does not have any explicit authority on !.!. (DBWARN 2029)
	CAUSE	REVOKE ALL failed to find any applicable authorities for the given user.
	ACTION	None necessary. REVOKE ALL will only include those authorities which the revoker is authorized to revoke, so the user may still have authorities from other grantors. Owner and DBA are authorized to revoke all authorities.

2030	MESSAGE	ALLBASE/SQL could not predrop user shared memory. HP-UX errno (!) (DBWARN 2030)
	CAUSE	There was an abnormal termination of an application and the allocated shared memory still remains on the system.
	ACTION	Refer to the system administration manual.

2031	MESSAGE	Remove shared memory manually in case of abnormal terminations. (DBWARN 2031)
	CAUSE	There was an abnormal termination of an application and the allocated shared memory still remains on the system.
	ACTION	Contact your system administrator to remove the shared memory.

2040	MESSAGE	Character string truncation during storage in host variable. (DBWARN 2040)
	CAUSE	A host variable character string was shorter than a character column in the select list.
	ACTION	Check the string returned to see if it needs to be longer in order to capture all necessary information from the column. If so, modify the declaration of the datatype.

2041	MESSAGE	NULL values eliminated from the argument of an aggregate function. (DBWARN 2041)
	CAUSE	A NULL value occurred in a column where an aggregate (SUM, AVG, MAX, MIN, COUNT) was evaluated, but was dropped from the computation.
	ACTION	Determine whether the information was needed for correct computation. If it was, set the NULL column to the needed value. To prevent future lapses, change the column to be NOT NULL if possible.

2042	MESSAGE	ADD_MONTHS result adjusted to last day of month. (DBWARN 2042)
	CAUSE	Result of ADD_MONTHS function was an invalid date, which resulted in the day being adjusted to the last day of the month.
	ACTION	No action required.

2043	MESSAGE	Binary literal truncation during insert on column !. (DBWARN 2043)
	CAUSE	The binary input is longer than the column definition.
	ACTION	No action is necessary; however, the extra data is lost.

2044	MESSAGE	DEFAULT USER is specified, corresponding column length should be at least 20 characters long. (DBWARN 2044)
	CAUSE	You entered a column length less than 20 bytes.
	ACTION	No action necessary.

2045	MESSAGE	DEFAULT 'literal' truncated, length ! exceeds column length !. (DBWARN 2045)
	CAUSE	You specified a default constant length which is longer than the column length defined when the table was created.
	ACTION	Define a default value whose length will not exceed the corresponding column length.

2046	MESSAGE	String concatenation result is truncated. (DBWARN 2046)
	CAUSE	Result length of string concatenation exceeds the maximum.
	ACTION	No action needed.

2050	MESSAGE	LONG column data exceeds defined length. Truncated. (DBWARN 2050)
	CAUSE	The actual long column data is longer than the defined length. The long column data was truncated.
	ACTION	No action is necessary.

2052   MESSAGE   Sort length of UNION may exceed maximum allowed ! bytes.
                               (DBWARN 2052)

             CAUSE   The UNION command specifies a number of columns whose total sort tuple length exceeds the maximum allowable and contains a VARCHAR column.

             ACTION   No action is necessary as long as the length of the VARCHAR data does not cause the maximum sort tuple length to be exceeded. The sort tuple length is determined using the actual data length in the VARCHAR column. If the maximum sort tuple length is exceeded, an error will occur when the sorting is performed.

2053   MESSAGE   Sort length of ORDER BY/GROUP BY/DISTINCT/UNION may
                               exceed maximum allowed ! bytes. (DBWARN 2053)

             CAUSE   The ORDER BY, GROUP BY, DISTINCT, or UNION clause of the SELECT statement specifies a number of columns whose total sort tuple length exceeds the maximum allowable and contains a VARCHAR column.

             ACTION   No action is necessary as long as the length of the VARCHAR data does not cause the maximum sort tuple length to be exceeded. The sort tuple length is determined using the actual data length in the VARCHAR column. If the maximum sort tuple length is exceeded, an error will occur when the sorting is performed. You can calculate the maximum sort tuple length from the formula given in Appendix A of the *ALLBASE/SQL Database Administration Guide*.

2054   MESSAGE   Sort length of sort merge join may exceed maximum allowed !
                               bytes. (DBWARN 2054)

             CAUSE   The sort merge join query specifies a number of columns whose total sort tuple length exceeds the maximum allowable and contains a VARCHAR column.

             ACTION   No action is necessary as long as the length of the VARCHAR data does not cause the maximum sort tuple length to be exceeded. The sort tuple length is determined using the actual data length in the VARCHAR column. If the maximum sort tuple length is exceeded, an error will occur when the sorting is performed.

2056	MESSAGE	A cursor opened using KEEP CURSOR WITH NOLOCKS requires sorting. You must ensure data integrity yourself. (DBWARN 2056)
	CAUSE	You are using the KEEP CURSOR WITH NOLOCKS option on a cursor requiring a sort operation such as the ORDER BY clause or a join.
	ACTION	You need to verify that the data is correct if you want to do an update where your cursor is located.

2059	MESSAGE	There are deferred UNIQUE/PRIMARY KEY and/or FOREIGN KEY constraint violations that may not be resolvable. (DBWARN 2059)
	CAUSE	There are UNIQUE/PRIMARY KEY constraint or FOREIGN KEY constraint violations pending at deferred constraint checking mode.
	ACTION	Avoid truncating or dropping data when there are deferred constraint violations.

2060	MESSAGE	Audit logging already disabled. (DBWARN 2060)
	CAUSE	You specified a redundant DISABLE AUDIT LOGGING statement.
	ACTION	Check the sequence of operations.

2061	MESSAGE	Audit logging already enabled. (DBWARN 2061)
	CAUSE	You specified a redundant ENABLE AUDIT LOGGING statement.
	ACTION	Check the sequence of operations.

2062	MESSAGE	Partition not found. (DBWARN 2062)
	CAUSE	A non-existent partition id was specified when retrieving synchronization checkpoint data.
	ACTION	Check and correct the specified partition ids.

2063	MESSAGE	Some partitions (but not all) failed on Open_Log_Scan. (DBWARN 2063)
	CAUSE	Open_Log_Scan failed to open the scan for some of the specified partitions.
	ACTION	Check the per partition return codes.

2065	MESSAGE	DML ATOMICITY already set to ! level. (DBWARN 2065)
	CAUSE	The DML ATOMICITY is already set to row or statement level.
	ACTION	Determine whether the SET DML ATOMICITY statement is needed.

2066	MESSAGE	! constraints already set to !. (DBWARN 2066)
	CAUSE	Constraints specified were already set to deferred or immediate.
	ACTION	Determine whether the SET CONSTRAINTS statement is needed.

2067	MESSAGE	User timeout exceeds maximum timeout; maximum assumed (! seconds). (DBWARN 2067)
	CAUSE	The specified user timeout value is greater than the maximum timeout value limit. When this error occurs, the user timeout value is automatically set to the maximum timeout limit.
	ACTION	Set the user timeout to a value less than or equal to the maximum timeout limit or set the maximum timeout limit to a value greater than or equal to the desired user timeout value.

2068	MESSAGE	Length of substring requested ! starting at ! exceeds length of source string. (DBWARN 2068)
	CAUSE	In the SUBSTRING function, (Length - StartPosition + 1) is greater than the length of the SourceString parameter.
	ACTION	No action is necessary. You should be aware that the substring returned is shorter than expected.

2069	MESSAGE	Length of substring requested ! exceeds maximum length allowed !. (DBWARN 2069)
	CAUSE	The length of the substring requested by the SUBSTRING function is longer than the maximum length allowed.
	ACTION	No action is necessary. You should be aware that the substring returned is shorter than expected and that truncation may occur.

2070	MESSAGE	The transaction was committed, since it is read only. (DBWARN 2070)
	CAUSE	The transaction that was being prepared for COMMIT was found to have no associated updates. The transaction was therefore committed.
	ACTION	No action needed.

2071	MESSAGE	The transaction was aborted due to deadlock. (DBWARN 2071)
	CAUSE	A deadlock situation caused the transaction to abort.
	ACTION	Refer to the *ALLBASE/SQL Advanced Application Programming Guide* to determine ways to avoid deadlock situations.

2072	MESSAGE	The transaction was aborted due to integrity violation. (DBWARN 2072)
	CAUSE	An unresolved integrity violation caused the transaction to abort.
	ACTION	Check the application logic to ensure that all uniqueness and referential constraint violations are resolved before attempting to commit the transaction.

2073	MESSAGE	The transaction was aborted due to timeout. (DBWARN 2073)
	CAUSE	A timeout occurred while the application was waiting for a resource.
	ACTION	Check the application for possible cross-database deadlocks.

2074	MESSAGE	The transaction was aborted. (DBWARN 2074)
	CAUSE	A database internal problem caused the transaction to abort.
	ACTION	Retry the transaction.

2075	MESSAGE	Cannot revalidate Section !.!(!). (DBWARN 2075)
	CAUSE	Either you have recently performed a migration or you have installed a module that was created on an earlier release of ALLBASE/SQL.
	ACTION	Preprocess or run the application to validate module. After you have validated the module successfully in this manner, you will then be able to use the VALIDATE statement on this module.

2076	MESSAGE	Failed to validate module !.!. (DBWARN 2076)
	CAUSE	The module specified does not exist.
	ACTION	Check module name in the SYSTEM.SECTION view or with the ISQL LIST INSTALL command.

2077	MESSAGE	Failed to validate module !.!.(!). (DBWARN 2077)
	CAUSE	An error occurred during validation process.
	ACTION	Check the other error messages generated.

2078	MESSAGE	No modules to be validated. (DBWARN 2078)
	CAUSE	There are no modules to be validated.
	ACTION	You specified the ALL option, but there are no modules to be validated.

2079	MESSAGE	Failed to validate procedure !.!. (DBWARN 2079)
	CAUSE	A procedure specified by name in the VALIDATE statement does not exist.
	ACTION	Check your spelling, and verify the procedure owner and name, then reissue the VALIDATE statement.

2080	MESSAGE	No procedure(s) to be validated. (DBWARN 2080)
	CAUSE	You issued a VALIDATE ALL PROCEDURES statement, but there are no procedures to be validated.
	ACTION	No action is required.

2081	MESSAGE	Warning(s) occurred processing statement ! during procedure creation/validation. (DBWARN 2081)
	CAUSE	An SQL statement in the procedure could not be compiled at procedure creation or validation time. The procedure was created or validated, but the section corresponding to the statement was stored as an invalid section.
	ACTION	Use the statement number in the message to determine which procedure statement generated the warning. Refer to the accompanying message or messages for more information.

2082	MESSAGE	LABEL ! defined but not used. (DBWARN 2082)
	CAUSE	A procedure statement label is not referenced in any GOTO statement in the procedure.
	ACTION	If this warning is accompanied by DBERR 2237, check your spelling. Otherwise, the superfluous label may be removed.

2083	MESSAGE	Multiple rows returned in procedure. (DBWARN 2083)
	CAUSE	A non-cursor SELECT in a procedure returned multiple rows. Only the first row of values was returned in the local variables or parameters.
	ACTION	Use a cursor in procedures for any query that will return more than one row of data.

2084	MESSAGE	Procedure returns multiple row result set(s). (DBWARN 2084)
	CAUSE	A procedure that returns multiple row result sets was executed directly, without using a procedure cursor.
		or
		A procedure that returns multiple row result sets was specified in a CREATE RULE statement.
	ACTION	If retrieval of the result sets is not required by the application, no action is required. If retrieval is required, you must use a procedure cursor.
		or
		No action is required.
2085	MESSAGE	Section !.! (!) being revalidated due to obsolete execution code. (DBWARN 2085)
	CAUSE	Obsolete execution code is causing the specified section to be revalidated.
	ACTION	No action is required.
2087	MESSAGE	View !.! has been dropped. (DBWARN 2087)
	CAUSE	The specified view has been dropped.
	ACTION	No action is required if the view is no longer required.
2090	MESSAGE	RAISE ERROR text truncated, length ! exceeds maximum allowed (!). (DBWARN 2090)
	CAUSE	The text given to the RAISE ERROR statement exceeded the maximum allowed length.
	ACTION	No action is necessary; however, the extra text is not returned.

2091	MESSAGE	Rule !.! fired on ! statement. (DBWARN 2091)
	CAUSE	The named rule fired while PRINTRULES was SET ON due to execution of a statement of the given type (INSERT, UPDATE, or DELETE).
	ACTION	No action is necessary.
2092	MESSAGE	Rules already disabled. (DBWARN 2092)
	CAUSE	DISABLE RULES statement was in effect when this DISABLE RULES statement was issued.
	ACTION	No action is necessary.
2093	MESSAGE	Rules already enabled. (DBWARN 2093)
	CAUSE	ENABLE RULES statement was in effect when this ENABLE RULES statement was issued.
	ACTION	No action is necessary.
2094	MESSAGE	PRINTRULES already ON. (DBWARN 2094)
	CAUSE	SET PRINTRULES ON statement was in effect when this SET PRINTRULES ON statement was issued.
	ACTION	No action is necessary.
2095	MESSAGE	PRINTRULES already OFF. (DBWARN 2095)
	CAUSE	SET PRINTRULES OFF statement was in effect when this SET PRINTRULES OFF statement was issued.
	ACTION	No action is necessary.
2096	MESSAGE	! on DBEFileSet ! already granted for !. (DBWARN 2096)
	CAUSE	The SECTIONSPACE/TABLESPACE authority already granted to the user.
	ACTION	Delete the command.

2097	MESSAGE	Default ! on DBEFileSet ! already set for !. (DBWARN 2097)
	CAUSE	The default SECTIONSPACE/TABLESPACE authority already set to the user.
	ACTION	Delete the command.

2098	MESSAGE	! on DBEFileSet ! is not granted for !. Default DBEFileSet ! used. (DBWARN 2098)
	CAUSE	You do not have authority to store a table or section in the specified DBEFileSet. The table or section was added to the default DBEFileSet instead.
	ACTION	No action is necessary. However, if it is not desirable to have the table or section in the default DBEFileSet, then the table or section can be dropped and recreated in another DBEFileSet for which you do have authority to store the table or section.

2344	MESSAGE	User ! already has INSTALL AS ! authority. (DBWARN 2344)
	CAUSE	You granted INSTALL AS authority to a user who already has the authority.
	ACTION	No action required.

2345	MESSAGE	User ! already has general INSTALL authority. (DBWARN 2345)
	CAUSE	You granted INSTALL authority to a user who already has the authority.
	ACTION	No action required.

2531	MESSAGE	Cursor, associated with the aborted query has been closed. (DBWARN 2531)
	CAUSE	The cursor has been closed.
	ACTION	No action required for the closed cursor. Check the aborted query.

2880	MESSAGE	! on DBEFileSet ! is not granted for !. Default DBEFileSet used. (DBWARN 2880)
	CAUSE	The authority is not previously granted to the user.
	ACTION	Grant the authority to the user.
3230	MESSAGE	SQLCore could not use the plan as specified. (DBWARN 3230)
	CAUSE	The plan you specified is not applicable to the query.
	ACTION	Use GENPLAN command to verify the plan produced by SQLCore and reset SETOPT statement if it is necessary.
3231	MESSAGE	The join order specified in SETOPT does not match with the prefix join order of outer join query. (DBWARN 3231)
	CAUSE	The plan you specified is not applicable to the query.
	ACTION	Use GENPLAN command to verify the plan produced by SQLCore and reset SETOPT statement if it is necessary.
3232	MESSAGE	Section (!) could not be found on Module !.!. (DBWARN 3232)
	CAUSE	The section you specified was not found in the Module.
	ACTION	Check your source file to get the correct section number.
3233	MESSAGE	Section (!) could not be found on Procedure !.!. (DBWARN 3233)
	CAUSE	The section you specified was not found in the Procedure.
	ACTION	Check your source file to get the correct section number.
5000	MESSAGE	! (DBWARN 5000)
	CAUSE	Message number 5000 is provided for passing the argument of a procedure's PRINT statement back to the procedure caller.
	ACTION	Take whatever action is recommended by the procedure writer.

8001	MESSAGE	Unable to load all local response options. (DBWARN 8001)
	CAUSE	One or more of the local response options was missing from the message catalog or response contained invalid data.
	ACTION	Contact your system administrator.

8002	MESSAGE	Local response options are not unique. (DBWARN 8002)
	CAUSE	The local response options in the message catalog are not unique.
	ACTION	Contact your system administrator.

8003	MESSAGE	Unable to upshift multi-byte native language string. (DBWARN 8003)
	CAUSE	SQLUtil was unable to upshift a character string, probably because the string contains one or more invalid bytes.
	ACTION	Issue your command again, specifying valid input.

8004	MESSAGE	Unable to trim trailing blanks from multi-byte native language string. (DBWARN 8004)
	CAUSE	SQLUtil was unable to trim trailing blanks from a character string, probably because the string contains one or more invalid bytes.
	ACTION	Issue your command again, specifying valid input.

8005	MESSAGE	Unable to truncate multi-byte native language string. (DBWARN 8005)
	CAUSE	SQLUtil was unable to truncate a character string, probably because the string contains one or more invalid bytes.
	ACTION	Issue your command again, specifying valid input.

8006	MESSAGE	Cannot obtain user's language id. Assuming !. (DBWARN 8006)
	CAUSE	Your LANG environment variable is set to a language that is not configured, or the support files for your language are missing.
	ACTION	Contact your system administrator or set again with valid language.
8007	MESSAGE	Local message catalog is not available. Set to ! message catalog. (DBWARN 8007)
	CAUSE	The message catalog file corresponding to your language cannot be accessed, probably because it does not exist.
	ACTION	Contact your system administrator.
8248	MESSAGE	Maximum Log files exceeded, last log name ignored. (DBWARN 8248)
	CAUSE	You entered more than 34 log file names when entering the log file list for the WRAPDBE command.
	ACTION	Check list to see what log files can be dropped from the list. The list must contain 34 or fewer entries.
10600	MESSAGE	No ending single quote: Single quote inserted. (DBWARN 10600)
	CAUSE	One of your statements does not include an ending single quote.
	ACTION	No action is necessary. The preprocessor inserted the required ending single quote.
10601	MESSAGE	No ending double quote: Double quote inserted. (DBWARN 10601)
	CAUSE	An ending double quote was missing in one of your statements.
	ACTION	No action is necessary. The preprocessor inserted the required ending double quote.

10603	MESSAGE	Cannot obtain user's language. Default language ! assumed. (DBWARN 10603)
	CAUSE	The environment variable, LANG, is set to an unrecognized language.
	ACTION	Reset LANG to a supported language.

10604	MESSAGE	Source line longer than allowed. Source line truncated. (DBWARN 10604)
	CAUSE	A source line is longer than supported.
	ACTION	Consult the application programming guide for maximum allowed source line length.

10605	MESSAGE	User's and DBE's languages are different. (DBWARN 10605)
	CAUSE	The environment variable, LANG, and the language of the DBEnvironment are different.
	ACTION	Set LANG to the proper language, if using native data.

10606	MESSAGE	Native version of ALLBASE/SQL message catalog not accessible. (DBWARN 10606)
	CAUSE	The native version of hpsqlcat is not found under /usr/lib/nls/$LANG.
	ACTION	Install native hpsqlcat, if required.

10607	MESSAGE	Program name exceeds maximum module name length. Truncated to 20 bytes. (DBWARN 10607)
	CAUSE	The program name is used as the module name when none is specified in the program invocation line. A program name was specified which is longer than the maximum allowed module name length of 20 bytes.
	ACTION	Modify the source file to specify a program name with a length of 20 bytes or less.

10608	MESSAGE	ALLBASE/SQL preprocessor warning. (DBWARN 10608)
	CAUSE	A warning condition was detected by the preprocessor. Additional warning messages will be returned.
	ACTION	Refer to the cause and action of the additional warning messages.

10609	MESSAGE	ALLBASE/SQL statement parser warning. (DBWARN 10609)
	CAUSE	A warning condition was detected by the statement parser. Additional warning messages will be returned.
	ACTION	Refer to the cause and action of the additional warning messages.

10610	MESSAGE	ALLBASE/SQL query processor warning. (DBWARN 10610)
	CAUSE	A warning condition was detected by the query processor. Additional warning messages will be returned.
	ACTION	Refer to the cause and action of the additional warning messages.

10611	MESSAGE	Cannot obtain user's language. Default language NATIVE-3000 assumed. (DBWARN 10611)
	CAUSE	The environment variable, LANG, is set to an unrecognized language.
	ACTION	Set LANG to a supported language.

10612	MESSAGE	Native version of ALLBASE/SQL message catalog not accessible. (DBWARN 10612)
	CAUSE	The native version of the hpsqlcat message catalog is not found under /usr/lib/nls/$LANG.
	ACTION	Install the native version of hpsqlcat.

10613	MESSAGE	User's and DBE's languages are different. (DBWARN 10613)
	CAUSE	The environment variable, LANG, and the language of the DBEnvironment are different.
	ACTION	Set LANG to the proper language.

10614	MESSAGE	Not enough space to return parse information. (DBWARN 10614)
	CAUSE	The buffer space passed to hold the returned parse information was not sufficient.
	ACTION	Increase the buffer space.

10621	MESSAGE	***REDEFINES clause: Non-standard host variable declaration. (DBWARN 10621)
	CAUSE	A possible cause is that the REDEFINE clause was used.
	ACTION	No action required. Only elementary level items are allowed in ALLBASE/SQL calls. In order to pass an item with subitems in the COBOL preprocessor, you can use a REDEFINE clause. However, you will receive a warning because you are using a non-standard host variable declaration.

10622	MESSAGE	Cannot obtain user's language. Default language C assumed. (DBWARN 10622)
	CAUSE	The user's language is not found.
	ACTION	Check the native language parameters.

10700	MESSAGE	Filler added to adjust for odd-byte field. (DBWARN 10700)
	CAUSE	The preprocessor generated in the preprocessor output file a one-byte filler character for an odd-byte host variable declaration to ensure that the data is aligned on word boundaries.
	ACTION	No action is necessary. The preprocessor inserted the required one-byte filler character in the preprocessor output file.

10701	MESSAGE	Maximum COBOL work length exceeded. Truncated to 30 bytes. (DBWARN 10701)
	CAUSE	A word appears in the COBOL source file which is longer than the maximum allowed length of 30 bytes.
	ACTION	Modify the source file to shorten the word to a length of 30 bytes or less.

10750	MESSAGE	'INCLUDE SQLCA' is not declared for embedded SQL statement. (DBWARN 10750)
	CAUSE	You did not include an SQLCA common area in your program.
	ACTION	Modify the source file specifying EXEC SQL INCLUDE SQLCA and re-preprocess your program.

10979	MESSAGE	ALLBASE/SQL query processor error. (DBWARN 10979)
	CAUSE	An error condition was detected by the query processor. Additional error messages will be returned.
	ACTION	Refer to the cause and action of the additional error messages.

10980	MESSAGE	Syntax check only due to severe ALLBASE/SQL query processor error. (DBWARN 10980)
	CAUSE	An unrecoverable error condition was detected by the query processor. Only the syntax of the SQL statement was verified. Validation of the SQL statement was not performed. Additional error messages will be returned.
	ACTION	Refer to the cause and action of the additional error messages.

13026	MESSAGE	Missing log files from log file list. (DBWARN 13026)
	CAUSE	WRAPDBE determined that log files were missing from the log file list by checking the log sequence numbers. The log file names can be entered in any order; as long as there is a correct and continuous sequence; WRAPDBE puts them in the correct order.
	ACTION	Check the log sequence numbers that were assigned on the original DBEnvironment with the SQLUtil SHOWLOG command to determine if all log files exist in the target area.

13343	MESSAGE	Consistency point may not be exactly enforced by DBCORE. (DBWARN 13343)
	CAUSE	DBCORE is adjusting the consistency point.
	ACTION	No action required.

20010	MESSAGE	Local catalog is inaccessible. Default catalog in use. (DBWARN 20010)
	CAUSE	The ALLBASE/SQL message catalog corresponding to your language cannot be accessed, probably because it does not exist.
	ACTION	Contact your system administrator.

20012	MESSAGE	*** Bad environment variable MIGLOGSZ. Default log size used. (DBWARN 20012)
	CAUSE	The environment variable MIGLOGSZ has been set to an integer value that is less than 400 (the default log size)
		or
		the environment variable MIGLOGSZ has not been set to a valid integer value.
	ACTION	Set the environment variable MIGLOGSZ again, but specify a log file size that is no less than 400.

20014	MESSAGE	Cannot verify ALLBASE/SQL license. Assuming IMAGE/SQL (! !) (DBWARN 20014)
	CAUSE	An error occurred during processing that determines whether or not your system is licensed to use ALLBASE/SQL.
	ACTION	If you have not purchased a license to use ALLBASE/SQL, no action is necessary. Otherwise, record as much information as possible and contact your HP Service Representative or Response Center, because restrictions imposed by IMAGE/SQL are currently in effect for your DBEnvironment.

20300	MESSAGE	WARNING - No DBEnvironment has been referenced yet. (DBWARN 20300).
	CAUSE	Either the CREATE DBEFILE or the ADD DBEFILE statement was issued before a DBEnvironment had been mentioned in a command.
	ACTION	Use either the SHOW 'DBEnvironmentName' VERSION command or the PREVIEW command to indicate to SQLMigrate which DBEnvironment should be used for this command.

20550	MESSAGE	WARNING - Before continuing, please verify that a complete backup of the DBEnvironment exists. (DBWARN 20550)
	CAUSE	This warning is issued to insure that you do not accidentally corrupt a DBEnvironment when using SQLMigrate and you will be unable to recover your data. If an unexpected error is encountered during the MIGRATE or PREVIEW command, it is critical that a backup of the DBEnvironment be available.
	ACTION	If you have not made a complete backup of the DBEnvironment, type No at the prompt to prevent SQLMigrate from continuing. Make a full backup of the DBEnvironment, and then issue the MIGRATE or PREVIEW command again.

20570	MESSAGE	WARNING - Table !.! contained the following columns which are not supported under the target release of ALLBASE/SQL. (DBWARN 20570)
	CAUSE	A backward migration was in progress when this message was issued. Column types that were only supported under the newer release of ALLBASE/SQL were present in the user table mentioned in the warning. The table was dropped during the migration.
	ACTION	If you need to recover the table, the backup version of the DBEnvironment must be restored. The offending columns must be eliminated or modified to be of types supported by the target version before a migration is attempted again.

20580	MESSAGE	WARNING - Views and stored sections created under later releases of ALLBASE/SQL may not function correctly under the target version of ALLBASE/SQL. (DBWARN 20580)
	CAUSE	This message is issued as a warning whenever a backward migration occurs.
	ACTION	Drop all views created under later releases, and recreate them. Also drop all stored sections created under later releases, and either:
		INSTALL backup installable module files that were created under the target version of ALLBASE/SQL,
		or
		preprocess programs again to obtain stored sections that are compatible with the target version of ALLBASE/SQL.

20650	MESSAGE	WARNING – Table !.! has been created using the HASH option, which is not supported under the target version of ALLBASE/SQL (DBWARN 20650). This table is being dropped.
	CAUSE	A backward migration was in progress when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	If you need to recover the table, the backup version of the DBEnvironment must be restored. If you need to transfer this data to the target release, use the ISQL UNLOAD EXTERNAL command.
20660	MESSAGE	WARNING – Table !.! has been created using INTEGRITY CONSTRAINTS, which is not supported under the target version of ALLBASE/SQL (DBWARN 20660). This table is being dropped.
	CAUSE	A backward migration was in progress when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	If you need to recover the table, the backup version of the DBEnvironment must be restored. If you need to transfer this data to the target release, use the ISQL UNLOAD EXTERNAL command.
20670	MESSAGE	WARNING – Table !.! has been created using DEFAULT column values, which is not supported under the target version of ALLBASE/SQL (DBWARN 20670). This table is being dropped.
	CAUSE	A backward migration was in progress when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	If you need to recover the table, the backup version of the DBEnvironment must be restored. If you need to transfer this data to the target release, use the ISQL UNLOAD EXTERNAL command.

20680	MESSAGE	WARNING - TEMPSPACE ! has been created using the CREATE TEMPSPACE statement, which is not supported under the target version of ALLBASE/SQL (DBWARN 20680). This TEMPSPACE is being dropped.
	CAUSE	A backward migration was in progress when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	No action is necessary.

20690	MESSAGE	WARNING - Table !.! has been created with a REFERENTIAL CONSTRAINT on a table that was dropped during the migration. (DBWARN 20690) Table !.! is being dropped.
	CAUSE	A backward migration was in progress when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	If you need to recover the table, the backup version of the DBEnvironment must be restored. If you need to transfer this data to the target release, use the ISQL UNLOAD EXTERNAL command.

20700	MESSAGE	WARNING - INDEX has been defined on sixteen (16) columns. (DBWARN 20700). Index ! defined on table !.! is being dropped.
	CAUSE	In the target release, the maximum number of columns on which an index may be defined is fifteen (15). Functionality that is not present in the target release has been detected.
	ACTION	After migration to the target release, recreate the dropped index using fewer columns.

20710	MESSAGE	WARNING - DBEFile ! in DBEFileSet ! has been defined using RAW I/O, which is not supported under the target version of ALLBASE/SQL (DBWARN 20710).
	CAUSE	A backward migration was in progress when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	You must use the SQLUtil MOVEFILE command to move this DBEFile into a standard HP-UX file before a migration can be attempted.

20754	MESSAGE	SET NEWLOG OFF was previously issued. (DBWARN 20754)
	CAUSE	The current value of the NEWLOG variable is OFF, so a START DBE NEWLOG command was not performed during the MIGRATE command.
	ACTION	No action is necessary. If you want a START DBE NEWLOG command to be performed during future MIGRATE commands, issue a SET NEWLOG ON command.

22530	MESSAGE	WARNING - Table !.! contains the following columns which are not supported under the target release of ALLBASE/SQL. (DBWARN 22530)
	CAUSE	A backward migration is being PREVIEWed when this message is issued. Column types that are only supported under the newer release of ALLBASE/SQL are present in the user table mentioned in the warning.
	ACTION	The offending columns must be eliminated or modified to be of types supported by the target version before a migration is attempted. If they are not removed, then the table will be dropped during the MIGRATE command.

22620	MESSAGE	WARNING - Table !.! has been created using the HASH option, which is not supported under the target version of ALLBASE/SQL (DBWARN 22620). This table will be dropped during the migration.
	CAUSE	A backward migration was PREVIEWED when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	If you need to transfer this data to the target release, use the ISQL UNLOAD EXTERNAL command.

22630	MESSAGE	WARNING - Table !.! has been created using INTEGRITY CONSTRAINTS, which is not supported under the target version of ALLBASE/SQL (DBWARN 22630). This table will be dropped during the migration.
	CAUSE	A backward migration was PREVIEWED when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	If you need to transfer this data to the target release, use the ISQL UNLOAD EXTERNAL command.

22640	MESSAGE	WARNING - Table !.! has been created using DEFAULT column values, which is not supported under the target version of ALLBASE/SQL (DBWARN 22640). This table will be dropped during the migration.
	CAUSE	A backward migration was PREVIEWED when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	If you need to transfer this data to the target release, use the ISQL UNLOAD EXTERNAL command.

22650	MESSAGE	WARNING - TEMPSPACE ! has been created using the CREATE TEMPSPACE statement, which is not supported under the target version of ALLBASE/SQL (DBWARN 22650). This TEMPSPACE will be dropped during the migration.
	CAUSE	A backward migration was PREVIEWED when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	No action is necessary.

22670	MESSAGE	WARNING - INDEX has been defined on sixteen (16) columns. (DBWARN 22670). Index ! defined on table !.! will be dropped during the migration.
	CAUSE	A backward migration was PREVIEWED when this message was issued. In the target release, the maximum number of columns on which an index may be defined is fifteen (15). Functionality that is not present in the target release has been detected.
	ACTION	After migration to the target release, recreate the dropped index using fewer columns.

22680	MESSAGE	WARNING - DBEFile ! in DBEFileSet ! has been defined using RAW I/O, which is not supported under the target version of ALLBASE/SQL (DBWARN 22680). SQLMIGRATE will not perform a migration on the DBEnvironment if this DBEFILE uses RAW I/O when the MIGRATE command is issued.
	CAUSE	A backward migration was PREVIEWED when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	Use the SQLUtil MOVEFILE command to move this DBEFile into a standard HP-UX file before attempting the migration.

22690	MESSAGE	WARNING - View !.! was not found, so it will not be dropped during the migration (DBWARN 22690).
	CAUSE	A PREVIEW command was in progress when this message was issued. SQLMigrate could not find a view that needs to be dropped during the migration. The DBEnvironment is probably being migrated a second time (i.e. backward after a forward migration, or forward after a backward migration) without performing a START DBE NEWLOG after the first migration.
	ACTION	No action is necessary.

22695	MESSAGE	WARNING - View !.! was not found, so it was not dropped (DBWARN 22695).
	CAUSE	A MIGRATE command was in progress when this message was issued. SQLMigrate could not find a view that needs to be dropped during the migration. The DBEnvironment is probably being migrated a second time (i.e. backward after a forward migration, or forward after a backward migration) without performing a START DBE NEWLOG after the first migration.
	ACTION	No action is necessary.

22700	MESSAGE	WARNING - View !.! is defined on a table or view that will be dropped during the migration (DBWARN 22700). This view will also be dropped. The SELECTSTRING from SYSTEM.VIEWDEF for this view is: !
	CAUSE	A PREVIEW command was in progress when this message was issued. The view is being dropped because a structure that it is dependent upon is being dropped.
	ACTION	You may wish to recreate the view after the DBEnvironment has been migrated by typing the command recorded in the SELECTSTRING.

22710	MESSAGE	WARNING - View !.! is defined on a table or view that is being dropped (DBWARN 22710). This view is also being dropped. The SELECTSTRING from SYSTEM.VIEWDEF for this view is: !
	CAUSE	A MIGRATE command was in progress when this message was issued. The view is being dropped because a structure that it is dependent upon is being dropped.
	ACTION	You may wish to recreate the view after the DBEnvironment has been migrated by typing the command recorded in the SELECTSTRING.

22720	MESSAGE	WARNING - Table !.! has been created using CHECK CONSTRAINTS, which is not supported under the target version of ALLBASE/SQL (DBWARN 22720). This table will be dropped during the migration.
	CAUSE	A backward migration was PREVIEWED when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	No action is necessary. If you need to transfer this data to the target release, use the ISQL UNLOAD EXTERNAL command.

22730	MESSAGE	WARNING - Table !.! has been created using CHECK CONSTRAINTS, which is not supported under the target version of ALLBASE/SQL (DBWARN 22730). This table is being dropped.
	CAUSE	A backward migration was in progress when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	If you need to recover the table, the backup version of the DBEnvironment must be restored. If you need to transfer this data to the target release, use the ISQL UNLOAD EXTERNAL command.

22740	MESSAGE	WARNING - Table/view !.! is owned by user HPODBSS, and is assumed to be part of the ObjectDB product (DBWARN 22740). ObjectDB is not supported under the target version of ALLBASE/SQL. This table/view will be dropped during the migration.
	CAUSE	A backward migration was PREVIEWED when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	If the object is a table and you need to transfer this data to the target release, use the ISQL UNLOAD EXTERNAL command. If the object is a view, then the SELECTSTRING from SYSTEM.VIEWDEF for the view will be listed immediately after this message. You may wish to recreate the view after the DBEnvironment has been migrated by typing the command recorded in the SELECTSTRING.

22750	MESSAGE	WARNING – Table/view !.! is owned by user HPODBSS, and is assumed to be part of the ObjectDB product (DBWARN 22750). ObjectDB is not supported under the target version of ALLBASE/SQL. This table/view is being dropped.
	CAUSE	A backward migration was in progress when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	If the object is a table and you need to recover the table, the backup version of the DBEnvironment must be restored. If you need to transfer this data to the target release, use the ISQL UNLOAD EXTERNAL command. If the object is a view, then the SELECTSTRING from SYSTEM.VIEWDEF for the view will be listed immediately after this message. You may wish to recreate the view after the DBEnvironment has been migrated by typing the command recorded in the SELECTSTRING.

22760	MESSAGE	WARNING – Table/view !.! is owned by user CATALOG, which will become a special user under the target version of ALLBASE/SQL (DBWARN 22760). New views owned by CATALOG will be created during the START DBE command under the target version of ALLBASE/SQL. To ensure that ALLBASE/SQL is able to create all new views correctly, please take the following steps using the target version of ALLBASE/SQL: 1) perform a START DBE NEWLOG command (to complete the migration of this DBEnvironment), 2) perform a DROP TABLE or DROP VIEW command to drop this table/view, 3) perform a STOP DBE command, and 4) perform a START DBE command, to ensure that all new views owned by CATALOG are created correctly.
	CAUSE	A forward migration was either PREVIEWED or in progress when this message was issued. User data which may cause unexpected problems within ALLBASE/SQL has been detected.
	ACTION	Perform the steps listed in the message.

22780	MESSAGE	WARNING - Table/view !.! is owned by user HPODBSS, which will become a special user under the target version of ALLBASE/SQL (DBWARN 22780). To ensure that unexpected problems are not encountered, please take the following steps using the target version of ALLBASE/SQL: 1) perform a START DBE NEWLOG command (to complete the migration of this DBEnvironment), and 2) perform a DROP TABLE or DROP VIEW command to drop this table/view.
	CAUSE	A forward migration was either PREVIEWED or in progress when this message was issued. User data which may cause unexpected problems within ALLBASE/SQL has been detected.
	ACTION	Perform the steps listed in the message.

22900	MESSAGE	WARNING - Procedure !.! has been detected in the system catalog (DBWARN 22900). Procedures are not supported under the target version of ALLBASE/SQL, so this information will be dropped during the migration.
	CAUSE	A backward migration was PREVIEWED when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	No action is necessary.

22910	MESSAGE	WARNING - Procedure !.! has been detected in the system catalog (DBWARN 22910). Procedures are not supported under the target version of ALLBASE/SQL, so this information is being dropped.
	CAUSE	A backward migration was in progress when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	No action is necessary.

22920	MESSAGE	WARNING - Rule !.! has been detected in the system catalog (DBWARN 22920). Rules are not supported under the target version of ALLBASE/SQL, so this information will be dropped during the migration.
	CAUSE	A backward migration was PREVIEWED when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	No action is necessary.
22930	MESSAGE	WARNING - Rule !.! has been detected in the system catalog (DBWARN 22930). Rules are not supported under the target version of ALLBASE/SQL, so this information is being dropped.
	CAUSE	A backward migration was in progress when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	No action is necessary.
22940	MESSAGE	WARNING - Module !.! is owned by user HPODBSS, and is assumed to be part of the ObjectDB product (DBWARN 22940). ObjectDB is not supported under the target version of ALLBASE/SQL. This module will be dropped during the migration.
	CAUSE	A backward migration was PREVIEWED when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	No action is necessary.
22950	MESSAGE	WARNING - Module !.! is owned by user HPODBSS, and is assumed to be part of the ObjectDB product (DBWARN 22950). ObjectDB is not supported under the target version of ALLBASE/SQL. This module is being dropped.
	CAUSE	A backward migration was in progress when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	No action is necessary.

23020	MESSAGE	WARNING - Table !.! is currently defined as a PUBLICROW table, which is not supported under the target version of ALLBASE/SQL (DBWARN 23020). This table will be altered to become a PUBLIC table during the migration.
	CAUSE	A backward migration was PREVIEWED when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	No action is necessary.
23030	MESSAGE	WARNING - Table !.! is currently defined as a PUBLICROW table, which is not supported under the target version of ALLBASE/SQL (DBWARN 23030). This table is being altered to become a PUBLIC table.
	CAUSE	A backward migration was in progress when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	No action is necessary.
23040	MESSAGE	WARNING - Procedure !.! has a multiple row result set (DBWARN 23040). In other words, the procedure includes at least one SELECT statement with no INTO clause. This feature is not supported under the target version of ALLBASE/SQL, so this procedure will be dropped during the migration.
	CAUSE	A backward migration was PREVIEWED when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	If you need to transfer this procedure to the target release, use the SQLGEN GEN PROCEDURE command.

23050	MESSAGE	WARNING - Procedure !.! has a multiple row result set (DBWARN 23050). In other words, the procedure includes at least one SELECT statement with no INTO clause. This feature is not supported under the target version of ALLBASE/SQL, so this procedure is being dropped.
	CAUSE	A backward migration was in progress when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	No action is necessary. If you need to recover the procedure, the backup version of the DBEnvironment must be restored. If you need to transfer this procedure to the target release, use the SQLGEN GEN PROCEDURE command.
23060	MESSAGE	WARNING - Table !.! has more than 255 columns, which is not supported under the target version of ALLBASE/SQL(DBWARN 23060). This table will be dropped during the migration.
	CAUSE	A backward migration was PREVIEWED when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	If you need to transfer this data to the target release, use the ISQL UNLOAD EXTERNAL command.
23070	MESSAGE	WARNING - Table !.! has more than 255 columns, which is not supported under the target version of ALLBASE/SQL(DBWARN 23070). This table is being dropped.
	CAUSE	A backward migration was in progress when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	No action is necessary. If you need to recover the table, the backup version of the DBEnvironment must be restored. If you need to transfer this data to the target release, use the ISQL UNLOAD EXTERNAL command.

23080	MESSAGE	WARNING - DBEFile ! (having FILEID '!') in DBEFileSet ! is detached, which is not supported under the target version of ALLBASE/SQL (DBWARN 23080).
	CAUSE	A backward migration was PREVIEWED when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	SQLMIGRATE will not perform a migration on the DBEnvironment if this DBEFILE is detached when the MIGRATE command is issued. Use the SQLUtil ATTACHFILE command to attach this DBEFile back to the DBEnvironment before attempting the migration.

23090	MESSAGE	WARNING - DBEFile ! (having FILEID '!') in DBEFileSet ! is detached, which is not supported under the target version of ALLBASE/SQL (DBWARN 23090).
	CAUSE	A backward migration was in progress when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	You must use the SQLUtil ATTACHFILE command to attach this DBEFile back to the DBEnvironment before a migration can be attempted.

23130	MESSAGE	WARNING - Constraint, procedure, or rule sections exist in DBEFileSet !, which is not supported under the target version of ALLBASE/SQL (DBWARN 23130).
	CAUSE	A backward migration was PREVIEWED when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	SQLMIGRATE will not perform a migration on the DBEnvironment if these sections remain in this DBEFileSet when the MIGRATE command is issued. Use the ISQL EXTRACT and INSTALL commands to move these sections into the SYSTEM DBEFileSet before attempting the migration.

23150	MESSAGE	WARNING - Constraint, procedure, or rule sections exist in DBEFileSet !, which is not supported under the target version of ALLBASE/SQL (DBWARN 23150).
	CAUSE	A backward migration was in progress when this message was issued. User data which takes advantage of functionality that is not present in the target release has been detected.
	ACTION	You must use the ISQL EXTRACT and INSTALL commands to move these sections into the SYSTEM DBEFileSet before a migration can be attempted.

28027	MESSAGE	Datacomm type must be ARPA if the client and/or server is running HP-UX 10.0 or greater. (DBWARN 28027)
	CAUSE	ARPA is the only valid datacomm type if the client and/or server is running HP-UX 10.0 or greater.
	ACTION	If HP-UX release on the client and/or server is 10.0 or greater, then change datacomm type to ARPA, otherwise current entry is valid.

29007	MESSAGE	Local database connection failed with DBERR !. Remote access attempted. (DBWARN 29007)
	CAUSE	You specified a file name in the START DBE or CONNECT statement that does not exist on the local node.
	ACTION	If you wanted to access a local DBEnvironment, refer to the DBERR returned in the error message.

29009	MESSAGE	Diskless node. Remote access attempted directly. (DBWARN 29009)
	CAUSE	This is the second of two messages. The first message indicates a failure to remotely connect to a DBEnvironment. This message acknowledges that no attempt to connect to the local DBE was made because you are on a diskless node.
	ACTION	Resolve the remote access problem, as specified in the first of the two messages and try again.

34073	MESSAGE	Number of tables exceeds internal maximum (max=!) (DBWARN 34073)

CAUSE   In shared memory, table ids are represented by TIDs. During the SET DBENVIRONMENT command, SQLMON reads from SYSTEM.TABLE and SYSTEM.COLUMN to obtain information that maps each TID to an OWNER.TABLE name. There is a limit to the number that can be mapped: if the number of tables within the DBEnvironment exceeds the limit, then DBWARN 34073 is displayed. A table encountered after the limit has been reached is treated as follows:

In the LOCK subsystem, the name of the table is displayed in TID format, instead of as an OWNER.TABLE string, when locks are acquired on the table.

In the SAMPLEIO subsystem, the table is never displayed on the TABLES or TABINDEX screens, even though I/O activity might have been observed for it, because the internal limit also affects the number of tables for which historical I/O data is maintained. The table can appear on the OBJECTS screen if it is observed in the data buffer pool: the name of the table is displayed in TID format, instead of as an OWNER.TABLE string, and the TOTALIO field is always '???'.

In the STATIC subsystem, the table is never displayed.

ACTION   If you need the limit increased, please contact your HP Service Representative or Response Center.

34074	MESSAGE	Number of indexes exceeds internal maximum (max=!) (DBWARN 34074)
	CAUSE	In shared memory, B-tree index ids are represented by TIDs. During the SET DBENVIRONMENT command, SQLMON reads from SYSTEM.INDEX and SYSTEM.CONSTRAINT to obtain information that maps each B-tree TID to an OWNER.TABLE/INDEX name. There is a limit to the number that can be mapped: if the number of B-tree indexes within the DBEnvironment exceeds the limit, then DBWARN 34074 is displayed. A B-tree index encountered after the limit has been reached is treated as follows:
		In the SAMPLEIO subsystem, the index is never displayed on the INDEXES or TABINDEX screens, even though I/O activity might have been observed for it, because the internal limit also affects the number of indexes for which historical I/O data is maintained. The index can appear on the OBJECTS screen if it is observed in the data buffer pool: the name of the index is displayed in TID format, instead of as an OWNER.TABLE/INDEX string, and the TOTALIO field is always '???'.
		In the STATIC subsystem, the index is never displayed.
	ACTION	If you need the limit increased, please contact your HP Service Representative or Response Center.

34075	MESSAGE	Number of DBEFiles exceeds internal maximum (max=!) (DBWARN 34075)
	CAUSE	In shared memory, DBEFile ids are represented by integers. During the SET DBENVIRONMENT command, SQLMON reads from SYSTEM.DBEFILE to obtain information that maps each integer to a DBEFile name. There is a limit to the number that can be mapped: if the number of DBEFiles within the DBEnvironment exceeds the limit, then DBWARN 34075 is displayed. A DBEFile encountered after the limit has been reached is treated as follows:
		In the SAMPLEIO subsystem, the DBEFile is never displayed on the SAMPLEIO screen, even though I/O activity might have been observed for it, because the internal limit also affects the number of DBEFiles for which historical I/O data is maintained.
		In the STATIC subsystem, the DBEFile is never displayed.
	ACTION	If you need the limit increased, please contact your HP Service Representative or Response Center.

34078	MESSAGE	Number of referential constraints exceeds internal maximum (max=!) (DBWARN 34078)
	CAUSE	In shared memory, referential constraint (PCR) ids are represented by TIDs. During the SET DBENVIRONMENT command, SQLMON reads from SYSTEM.CONSTRAINT to obtain information that maps each PCR TID to an OWNER.TABLE/CONSTRAINT name. There is a limit to the number that can be mapped: if the number of PCRs within the DBEnvironment exceeds the limit, then DBWARN 34078 is displayed. A PCR encountered after the limit has been reached is treated as follows:
		In the LOCK subsystem, the name of the PCR is displayed in TID format, instead of as an OWNER.TABLE/CONSTRAINT string, when locks are acquired on the PCR.
		In the SAMPLEIO subsystem, the PCR is never displayed on the INDEXES or TABINDEX screens, even though I/O activity might have been observed for it, because the internal limit also affects the number of PCRs for which historical I/O data is maintained. The PCR can appear on the OBJECTS screen if it is observed in the data buffer pool: the name of the PCR is displayed in TID format, instead of as an OWNER.TABLE/CONSTRAINT string, and the TOTALIO field is always '???'.
		In the STATIC subsystem, the PCR is never displayed.
	ACTION	If you need the limit increased, please contact your HP Service Representative or Response Center.
34095	MESSAGE	*** Bad JOB CONTROL WORD 'COLUMNS'. Default Column Size used. (DBWARN 34095)
	CAUSE	Incorrect column size specification.
	ACTION	No action required if default column size is acceptable.
34096	MESSAGE	*** Bad JOB CONTROL WORD 'LINES'. Default Line Size used. (DBWARN 34096)
	CAUSE	Incorrect line size syntax.
	ACTION	No action required if default line size is acceptable.

34097	MESSAGE	*** Variable 'COLUMNS' badly set. 80 used. (DBWARN 34097)
	CAUSE	Incorrect variable column syntax.
	ACTION	No action required if 80 is acceptable.

34098	MESSAGE	*** Variable 'LINES' badly set. 24 used. (DBWARN 34098)
	CAUSE	Incorrect variable line syntax.
	ACTION	No action required if 24 is acceptable.

34400	MESSAGE	Specified lock is not currently held by any users. (DBWARN 34400)
	CAUSE	The LOCK OBJECT screen was being accessed when this message was displayed. The table, page, or row that you specified is not locked.
	ACTION	No action is necessary. Check that you specified the correct lock object.

34401	MESSAGE	PID not connected to the DBEnvironment. (DBWARN 34401)
	CAUSE	The PID that you specified is not a valid PID.
	ACTION	Check that you specified the correct PID.

34403	MESSAGE	No locks qualify under the LOCKFILTER and LOCKTABFILTER. (DBWARN 34403)
	CAUSE	No locks were found that matched the selection criteria defined by the LOCKFILTER and LOCKTABFILTER variables.
	ACTION	No action is necessary. Use the SET command to check the current value of each variable. If necessary, use the SET LOCKFILTER or SET LOCKTABFILTER command to change a value.

34404	MESSAGE	No other session is waiting on this session. (DBWARN 34404)
	CAUSE	The LOCK IMPEDE screen was being accessed when this message was displayed. The session that is being analyzed is not holding any lock that is causing another session to wait.
	ACTION	No action is necessary. Check that you have specified the correct session.
34405	MESSAGE	XID changed while collecting data! (DBWARN 34405)
	CAUSE	The LOCK SESSION, LOCK IMPEDE, or LOCK TABSUMMARY screen was being accessed when this message was displayed. To minimize performance degradation of the DBEnvironment, SQLMON itself never holds locks or latches in the LOCK subsystem; it essentially performs "dirty" reads to collect data. While data was being collected, the transaction id of the session being analyzed changed.
	ACTION	No action is necessary. When interpreting the screen, keep in mind that the information displayed may represent locks from two different transactions.
34406	MESSAGE	Lock information changed while collecting data! (DBWARN 34406)
	CAUSE	The LOCK OBJECT screen was being accessed when this message was displayed. To minimize performance degradation of the DBEnvironment, SQLMON itself never hold locks or latches in the LOCK subsystem; it essentially performs "dirty" reads to collect data. SQLMON has detected that an inconsistent snapshot may have been taken.
	ACTION	Ignore the information displayed on the screen.
34500	MESSAGE	SET DBENVIRONMENT command has not been issued yet. (DBWARN 34500)
	CAUSE	You tried to access an SQLMON screen without naming the database that you wish to examine.
	ACTION	Issue a SET DBENVIRONMENT command.

34505	MESSAGE	DBEnvironment is not active (no other session in progress). (DBWARN 34505)
	CAUSE	Except for your SQLMON session, the database is idle.
	ACTION	You can only access screens in the STATIC subsystem. All other screens display information that is only available when the database is active.

34510	MESSAGE	DBEnvironment is in the process of shutting down (RC 215). (DBWARN 34510)
	CAUSE	The DBA has probably issued a STOP DBE command. Once it has completed, the database will be idle.
	ACTION	No action is necessary. When the database becomes idle, you will only be able to access screens in the STATIC subsystem.

34511	MESSAGE	DBEnvironment transaction limit has been reached. (DBWARN 34511)
	CAUSE	A timeout occurred when SQLMON tried to begin a transaction, probably because the configured limit for the maximum number of active transactions has been reached.
	ACTION	Access the OVERVIEW screen: the MAX XACT field displays the transaction limit, and the ACTIVE XACT field displays the current number of active transactions. You may wish to use the SQLUtil ALTDBE command to increase the transaction limit.

Also, use the SET command to check the current value of the USERTIMEOUT variable, which specifies the number of seconds that SQLMON will wait before timing out. You may wish to use the SET USERTIMEOUT command to increase the value, and then issue your original command again. |

34515	MESSAGE	Could not obtain share lock on SUBSYSTEM CATALOG. (DBWARN 34515)
	CAUSE	SQLMON could not read from an internal table.
	ACTION	Please contact your HP Service Representative or Response Center.

34518	MESSAGE	Not attempting to map information from SYSTEM.TABLE. (DBWARN 34518)
	CAUSE	In shared memory, table ids are represented by TIDs. During the SET DBENVIRONMENT command, SQLMON normally reads from SYSTEM.TABLE to obtain information that maps each TID to an OWNER.TABLE name. Because of some error, SQLMON is not able to read from SYSTEM.TABLE. Therefore, table names will be displayed in TID format, instead of as OWNER.TABLE strings.
	ACTION	Resolve the error, and try again. If necessary, contact your HP Service Representative or Response Center.

34519	MESSAGE	Not attempting to map information from SYSTEM.INDEX. (DBWARN 34519)
	CAUSE	In shared memory, B-tree index ids are represented by TIDs. During the SET DBENVIRONMENT command, SQLMON normally reads from SYSTEM.INDEX to obtain information that maps each TID to an OWNER.TABLE/INDEX name. Because of some error, SQLMON is not able to read from SYSTEM.INDEX. Therefore, index names will be displayed in TID format, instead of as OWNER.TABLE/INDEX strings.
	ACTION	Resolve the error, and try again. If necessary, contact your HP Service Representative or Response Center.

34520	MESSAGE	Not attempting to map information from SYSTEM.DBEFILE. (DBWARN 34520)
	CAUSE	In shared memory, DBEFile ids are represented by integers. During the SET DBENVIRONMENT command, SQLMON normally reads from SYSTEM.DBEFILE to obtain information that maps each integer to a DBEFile name. Because of some error, SQLMON is not able to read from SYSTEM.DBEFILE. Therefore, DBEFile names will be displayed as integers, instead of strings.
	ACTION	Resolve the error, and try again. If necessary, contact your HP Service Representative or Response Center.

34521	MESSAGE	Not attempting to map information from SYSTEM.CONSTRAINT. (DBWARN 34521)
	CAUSE	In shared memory, referential constraint (PCR) ids are represented by TIDs. During the SET DBENVIRONMENT command, SQLMON normally reads from SYSTEM.CONSTRAINT to obtain information that maps each PCR TID to an OWNER.TABLE/CONSTRAINT name. Because of some error, SQLMON is not able to read from SYSTEM.CONSTRAINT. Therefore, PCR names will be displayed in TID format, instead of as OWNER.TABLE/CONSTRAINT strings.
	ACTION	Resolve the error, and try again. If necessary, contact your HP Service Representative or Response Center.
34580	MESSAGE	USERTIMEOUT exceeded maximum, so it was reset to ! seconds. (DBWARN 34580)
	CAUSE	You probably tried to issue a SET USERTIMEOUT command using a timeout value that was larger than the maximum timeout value that has been configured for the database. The USERTIMEOUT variable has automatically been reset to the maximum timeout value, which is displayed in the message.
	ACTION	No action is necessary.

3

ALLBASE/SQL Error Messages

1   `MESSAGE`   `Command buffer currently empty.  (DBERR 1)`

               `CAUSE`   You issued a RECALL [CURRENT], CHANGE, or START command before any commands had been stored in the command buffer.

               `ACTION`   Use the HOLD, RECALL FILE, or RECALL HISTORY command to put information into the command buffer.

2   `MESSAGE`   `Problem with large command.  Maximum length is !.  (DBERR 2)`

               `CAUSE`   New string replacement on CHANGE command caused an overflow of the command buffer

                           or

                           the storage file could not be opened when trying to store the large command.

               `ACTION`   Modify the new string so that the length of the string in the command buffer is less than or equal to 2048 bytes

                           or

                           you may be out of disk space. Contact your system administrator.

3   `MESSAGE`   `'!' not found.  (DBERR 3)`

               `CAUSE`   The search pattern you gave in the ISQL CHANGE command was not found in the command buffer.

               `ACTION`   Check your spelling and issue the CHANGE command again, specifying a valid search pattern.

4	MESSAGE	The requested editor could not be scheduled. (DBERR 4)
	CAUSE	The editor you specified in the EDITOR option of the SET command does not exist.
	ACTION	Check your spelling and issue the SET command again, specifying the correct name for the editor requested. If you still receive this message, contact your system administrator.

5	MESSAGE	Number of copies must be in the range 1..20. (DBERR 5)
	CAUSE	The number of copies you specified in the browse PRINT option must be in the range of 1 to 20.
	ACTION	Issue the PRINT command again, specifying a value from 1 through 20.

7	MESSAGE	Error erasing file '!'. (DBERR 7)
	CAUSE	You do not have the required permission to delete the specified file.
	ACTION	Check your spelling and issue the command again. If you still receive this message, no action is necessary; you cannot erase the specified file.

8	MESSAGE	No help for command '!'. (DBERR 8)
	CAUSE	The command name you entered does not exist or was entered incorrectly.
	ACTION	Issue the HELP command again, specifying a valid command name. Enter HELP @ to obtain a list of the ISQL and SQL commands.

11	MESSAGE	Column name list must be terminated by ')'. (DBERR 11)
	CAUSE	The right parenthesis was missing after the last column name specified in the INPUT command.
	ACTION	Issue the command again, with column names enclosed in parentheses.

12	MESSAGE	Column names must be enclosed in parentheses. (DBERR 12)
	CAUSE	The list of column names in the INPUT command was not surrounded by parentheses.
	ACTION	Issue the command again, with column names enclosed in parentheses.

13	MESSAGE	! not a column name in table !. (DBERR 13)
	CAUSE	The column you specified in the LOAD EXTERNAL command does not exist in the table specified.
	ACTION	Use the INFO command to check which columns are in the specified table.

14	MESSAGE	'!' is not acceptable as a name for a stored command. (DBERR 14)
	CAUSE	The name you specified for a command file did not conform to operating system specifications. The command was not stored.
	ACTION	Refer to *A Beginner's Guide to HP-UX* for file naming conventions.

15	MESSAGE	'!' is not acceptable as a file name. (DBERR 15)
	CAUSE	The name you specified as a file name did not conform to operating system specifications.
	ACTION	Refer to *A Beginner's Guide to HP-UX* for file naming conventions.

17	MESSAGE	'!' cannot be found. (DBERR 17)
	CAUSE	The file name you specified does not exist or was entered incorrectly.
	ACTION	Check your spelling. Use the HP-UX ls command to verify the existence of the specified file.

18	MESSAGE	Error opening file '!'. (DBERR 18)
	CAUSE	The file you specified is currently being accessed.
	ACTION	Wait until a later time to access the file.

19	MESSAGE	Valid options are F[ILE], S[ET], H[ISTORY], I[NSTALL]. (DBERR 19)
	CAUSE	The option you specified in the LIST command is not a valid option.
	ACTION	Issue the command again, specifying a valid option. Refer to the *ALLBASE/ISQL Reference Manual* for additional information on the LIST command.

20	MESSAGE	Valid options are F[ILE], C[URRENT], H[ISTORY]. (DBERR 20)
	CAUSE	The option you entered for the RECALL command is not a valid option.
	ACTION	Issue the command again, specifying a valid option. Refer to the *ALLBASE/ISQL Reference Manual* for additional information on the RECALL command.

21	MESSAGE	Cannot continue with INPUT command. (DBERR 21)
	CAUSE	Another error caused the INPUT command to be discontinued. An additional error message will be returned.
	ACTION	Refer to the cause and action of the additional error.

27	MESSAGE	No column selected from table !. (DBERR 27)
	CAUSE	You did not specify a column name in the LOAD command.
	ACTION	Issue the LOAD command again, specifying a column name.

28	MESSAGE	History number must be in the range 1..!. (DBERR 28)
	CAUSE	The number you specified in the LIST HISTORY or RECALL HISTORY command was out of the acceptable range.
	ACTION	Issue the command again, specifying a number from 1 through 10.
29	MESSAGE	Valid options are Y[ES] and N[O]. (DBERR 29)
	CAUSE	The option you entered for the END, LOAD, STORE, or EXIT command is not a valid option.
	ACTION	Issue the command again, specifying a valid option. Refer to the *ALLBASE/ISQL Reference Manual* for additional information on these commands.
30	MESSAGE	Column is beyond end of record in load file on line #!. (DBERR 30)
	CAUSE	At least part of one of the data fields that you specified was beyond the end of the record in the load file. The record was ignored and no data was loaded into the table from the record.
	ACTION	Check the description given for the load file. Make sure the starting location for each field is not beyond the end of the record. Also, check that the length specified for each field does not cause part of the field to be beyond the end of the record. The starting location plus the length should be equal to or less than the record length. Unless the last field in the load file record is a VARCHAR field, all load file records should be the same length.
31	MESSAGE	Search pattern is beyond end of record on line #!. (DBERR 31)
	CAUSE	The starting position of the search pattern you specified was beyond the end of the record. The record was ignored and no data was loaded into the table from the record.
	ACTION	Verify the starting position of the search pattern and issue the LOAD command again.

32	MESSAGE	Valid options are ON and OF[F]. (DBERR 32)
	CAUSE	The option value you specified for the AUTOCOMMIT, CONTINUE, or ECHO option of the SET command was not a valid option.
	ACTION	Issue the command again, specifying a valid option. Refer to the *ALLBASE/ISQL Reference Manual* for additional information on the SET command.

33	MESSAGE	Invalid command. (DBERR 33)
	CAUSE	The command you entered while viewing the results of a SELECT statement was not valid.
	ACTION	Valid commands are u[p], d[own], l[eft], r[ight], t[op], b[ottom], pr[int], e[nd], and p[ause].

34	MESSAGE	FETCH is not allowed in ISQL. (DBERR 34)
	CAUSE	You issued a FETCH statement while in ISQL.
	ACTION	The FETCH statement can only be used in application programs. Refer to the *ALLBASE/SQL Reference Manual* for additional information.

35	MESSAGE	Error reading from SelectFile. (DBERR 35)
	CAUSE	One or more users are accessing the same output file that you specified in the OUTPUT option of the SET command.
	ACTION	Change the name of the output file using the OUTPUT option of the SET command.

36	MESSAGE	Problem executing such a long command. (DBERR 36)
	CAUSE	This is an internal error that occurs while executing an SQL statement whose length is greater than 1.5 megabytes.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center. You can work around this problem by shortening the length of your command to less than 1.5 megabytes.

37	MESSAGE	ISQL command too long. (DBERR 37)
	CAUSE	The number of characters in the ISQL command exceeded the maximum limit of 2048 bytes.
	ACTION	Issue the command again, within the valid limits.

38	MESSAGE	SYSTEM command unsuccessful. Return code is !. (DBERR 38)
	CAUSE	The operating system command you issued from ISQL is valid but cannot be executed.
	ACTION	Refer to the /usr/include/sys/errno.h file for a brief explanation of the error code returned.

39	MESSAGE	File '!' already exists. (DBERR 39)
	CAUSE	The file name you specified to RENAME a file already exists.
	ACTION	If you do not want to overwrite the existing file, reenter the RENAME command specifying a unique file name. Otherwise, either use the ERASE command to remove the existing file or use the RENAME command to rename the existing file first.

40	MESSAGE	Error attempting to rename '!' to '!'. (DBERR 40)
	CAUSE	The ISQL RENAME failed because the file is being accessed
		or
		you do not have write permission to the file.
	ACTION	Issue the command again, when the file is no longer being accessed
		or
		contact a user who has write permission to the specified file.

41	MESSAGE	Internal error: Error on rename from '!' to '!'. (DBERR 41)
	CAUSE	The ISQL RENAME command failed due to an internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

42	MESSAGE	Unable to open work file. (DBERR 42)
	CAUSE	The file you specified in the SELECT statement cannot be opened because it is being accessed already
		or
		you do not have write permission in the current directory
		or
		you are out of disk space.
	ACTION	Wait until the file is not being accessed
		or
		contact your system administrator.

43	MESSAGE	Bad numeric input. (DBERR 43)
	CAUSE	You entered a character where a numeric value was expected.
	ACTION	Issue the command again, specifying a numeric value.

44	MESSAGE	Invalid option. (DBERR 44)
	CAUSE	The option you specified in the SET command is not one of the valid options. The command is aborted and no option is set.
	ACTION	Issue the command again, specifying a valid option. The valid options for the SET command are: autoc[ommit], autos[ave], c[ontinue], ec[ho], ed[itor], es[cape], f[raction], n[ull], ou[tput], ow[ner], pa[gewidth], and pr[ompt]. Refer to the *ALLBASE/ISQL Reference Manual* for additional information on the SET command.

45	MESSAGE	Column ! has already been specified. (DBERR 45)
	CAUSE	You specified the same column name twice in the LOAD command.
	ACTION	Issue the LOAD command again, with each column name specified only once. Refer to the *ALLBASE/SQL Reference Manual* for more information on the LOAD command.

46	MESSAGE	Command buffer empty, STORE not performed. (DBERR 46)
	CAUSE	The STORE command works only on information in the ISQL command buffer.
	ACTION	Use the HOLD or RECALL command to put information into the command buffer, then issue the STORE command again.

47	MESSAGE	Missing parameters from command file. (DBERR 47)
	CAUSE	The command file you specified in the START command was missing parameters essential to its function.
	ACTION	Check the command buffer or command file specified in the START command to make sure that all required parameters are there. Refer to the *ALLBASE/SQL Reference Manual* or *ALLBASE/ISQL Reference Manual* for additional information on the command(s) specified.

49	MESSAGE	Last command not terminated in command file - ignored. (DBERR 49)
	CAUSE	The last command you executed in the command file was not terminated with a semicolon (;)
		or
		the last line in the command file was a comment or blank line.
	ACTION	Correct the command file so that all commands are terminated with a semicolon (;)
		or
		reissue the commands which were not executed.

50	MESSAGE	Fraction length must be in the range 0..18 (DBERR 50)
	CAUSE	The fraction length you specified in the FRACTION option of the SET command was not within the acceptable range. The fraction length was not changed.
	ACTION	Issue the command again, specifying a fraction length between 0 and 18.

51	MESSAGE	Column ! can't be null. You MUST load this column. (DBERR 51)
	CAUSE	The LOAD command did not specify a column that was created with the NOT NULL attribute.
	ACTION	Issue the command again, specifying any column created with the NOT NULL attribute.

52	MESSAGE	Internal error trying to load data. (DBERR 52)
	CAUSE	An unsuccessful BULK INSERT in DBCore. An additional error message will be returned.
	ACTION	Refer to the cause and action of the additional error message.

53	MESSAGE	Pagewidth must be in the range 10..254. (DBERR 53)
	CAUSE	The PAGEWIDTH option you specified in the SET command was not within the valid range. The page width was not changed.
	ACTION	Issue the command again, specifying a page width in the range of 10 through 254.

54	MESSAGE	AutoSave count must be in the range 1..32767. (DBERR 54)
	CAUSE	The AUTOSAVE option you specified in the SET command was not within the valid range. The number of rows remains the same.
	ACTION	Issue the command again, specifying an Autosave count in the range of 1 through 32,767.

55	MESSAGE	Problem getting help. (DBERR 55)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

56	MESSAGE	Output file name must be no more than ! bytes. (DBERR 56)
	CAUSE	The output file name you specified in the command is not a valid system file name.
	ACTION	Refer to the *A Beginner's Guide to HP-UX* for additional information on file naming conventions.

57	MESSAGE	Prompt must be no more than ! bytes. (DBERR 57)
	CAUSE	The prompt you specified in the PROMPT option of the SET command exceeded the maximum length of 16 bytes.
	ACTION	Issue the command again, specifying a valid prompt length.

58	MESSAGE	Null character must be a single one-byte character. (DBERR 58)
	CAUSE	You specified more than a single one-byte character as the null indicator in the LOAD or UNLOAD EXTERNAL command.
	ACTION	Issue the command again, specifying only a single one-byte character as the null indicator.

60	MESSAGE	Command file execution terminated. (DBERR 60)
	CAUSE	Execution was terminated because of an error in the command file. An additional error message will be returned.
	ACTION	Refer to the cause and action of the additional error message.

61	MESSAGE	Escape character must be a single one-byte character. (DBERR 61)
	CAUSE	You specified more than a single one-byte character in the ESCAPE option of the SET command. The ESCAPE option was not changed.
	ACTION	Issue the command again, specifying a single one-byte character in the ESCAPE option.

62	MESSAGE	`SQLCORE not available.` (DBERR 62)
	CAUSE	There is an ALLBASE/SQL linking problem.
	ACTION	Contact your system administrator.

63	MESSAGE	`Internal error: Unrecognized status code: !.` (DBERR 63)
	CAUSE	Internal error.
	ACTION	Record the code returned and as much information as possible. Contact your HP Service Representative or Response Center.

64	MESSAGE	`Semantic error.` (DBERR 64)
	CAUSE	An additional message will be returned.
	ACTION	Refer to the cause and action of the additional error message.

66	MESSAGE	`Name of editor must not be more than ! bytes.` (DBERR 66)
	CAUSE	The editor name you specified in the EDITOR option of the SET command exceeds the maximum limit of 255 bytes (including slashes). The EDITOR option was not changed.
	ACTION	Issue the SET command again, with a valid name specified in the EDITOR option.

67	MESSAGE	`Command buffer cannot be executed from command file.` (DBERR 67)
	CAUSE	The command file you specified contains a START command to execute the command buffer. A command file can start other command files, but cannot start the command buffer.
	ACTION	Remove the START command to execute the command buffer from the command file. Refer to the *ALLBASE/ISQL Reference Manual* for additional information on the START command.

69	MESSAGE	Illegal table name. (DBERR 69)
	CAUSE	The table name you specified in the INFO, UNLOAD, or INPUT command was not a valid table name.
	ACTION	Refer to the *ALLBASE/SQL Reference Manual* for table naming conventions.

73	MESSAGE	Valid options are E[XTERNAL] and I[NTERNAL]. (DBERR 73)
	CAUSE	The option you specified for the LOAD or UNLOAD command was not a valid option.
	ACTION	Issue the command again, specifying either EXTERNAL or INTERNAL. Refer to the *ALLBASE/ISQL Reference Manual* for additional information on the LOAD and UNLOAD commands.

74	MESSAGE	Invalid option '!'. (DBERR 74)
	CAUSE	The option you specified in the SET command was not a valid option.
	ACTION	Issue the command again, specifying only valid options. Refer to the *ALLBASE/ISQL Reference Manual* for valid options and additional information on the SET command.

76	MESSAGE	End of file encountered on input. (DBERR 76)
	CAUSE	You reached EOF on standard input. The program was terminated.
	ACTION	No action is necessary.

77	MESSAGE	Could not schedule !. (DBERR 77)
	CAUSE	SQLUtil or SQLGEN could not be scheduled because execute permission is denied or if ALLBASE/SQL was installed in a directory other than usr/bin, SQLUtil and SQLGEN cannot be executed from within ISQL.
	ACTION	Check to make sure that SQLUtil and SGLGEN are in usr/bin. If they are not, contact your system administrator.

78	MESSAGE	`Missing keyword FROM. (DBERR 78)`
	CAUSE	You tried to execute a LOAD or UNLOAD command without specifying the keyword FROM.
	ACTION	Issue the command again, specifying the FROM keyword. Refer to the *ALLBASE/ISQL Reference Manual* for additional information on the LOAD and UNLOAD commands.

79	MESSAGE	`Missing keyword TO. (DBERR 79)`
	CAUSE	You tried to execute a LOAD or UNLOAD command without specifying the keyword TO.
	ACTION	Issue the command again, specifying the TO keyword. Refer to the *ALLBASE/ISQL Reference Manual* for additional information on the LOAD and UNLOAD commands.

81	MESSAGE	`File is not in INTERNAL format. (DBERR 81)`
	CAUSE	The input file name you specified in the LOAD command was not unloaded with the INTERNAL option

or

the file name you specified does not exist or was entered incorrectly. |
| | ACTION | Issue the LOAD command again, specifying the EXTERNAL option

or

check your spelling. Use the HP-UX ls command to make sure that the specified file exists. |

82	MESSAGE	`Unidentified error ! occurred on last command. (DBERR 82)`
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

83	MESSAGE	Command buffer cannot be executed from command buffer. (DBERR 83)
	CAUSE	The command buffer contains a START command to execute the command buffer. The command buffer can start a command file, but cannot start itself recursively.
	ACTION	Remove the START command to execute the command buffer from the command buffer. The CHANGE command may be used to make this modification. Refer to the *ALLBASE/ISQL Reference Manual* for additional information on the START command.

84	MESSAGE	New command exceeds maximum. (DBERR 84)
	CAUSE	The maximum limit of 2048 bytes was exceeded when you used the insert subcommand of the REDO command.
	ACTION	Issue the command again, so that the total number of bytes in the command is less than or equal to 2048.

85	MESSAGE	Bad bytes after delete command. (DBERR 85)
	CAUSE	You entered an invalid option after the delete subcommand of the REDO command.
	ACTION	Issue the command again, specifying only valid options after the delete subcommand. Refer to the *ALLBASE/ISQL Reference Manual* for valid options and additional information on the REDO command.

86	MESSAGE	Extra bytes. (DBERR 86)
	CAUSE	The bytes that you entered after the i, h, x, b, or e subcommands of the REDO command are invalid.
	ACTION	Issue the REDO command again. Refer to the *ALLBASE/ISQL Reference Manual* for additional information on the REDO command.

87	MESSAGE	Must break line - too long. (DBERR 87)
	CAUSE	The bytes you added to the command using the insert subcommand of the REDO command caused the line to be greater than the maximum limit of 80 bytes.
	ACTION	Use the break subcommand before using the insert subcommand again. Refer to the *ALLBASE/ISQL Reference Manual* for additional information on the REDO command.

88	MESSAGE	No plus or minus sign. (DBERR 88)
	CAUSE	You used more than one + or - sign in the same line in the REDO command.
	ACTION	If you want to go forward or backward more than one line, use the +n or -n subcommand (where n is an integer). Refer to the *ALLBASE/ISQL Reference Manual* for additional information on the REDO command.

89	MESSAGE	No command to edit. (DBERR 89)
	CAUSE	You attempted to execute a REDO command when the command history buffer was empty.
	ACTION	No action is necessary.

90	MESSAGE	Redo not allowed in command buffer/command file - ignored. (DBERR 90)
	CAUSE	You included a REDO command in either the command buffer or command file.
	ACTION	Remove the REDO command and execute the command buffer or command file again.

91	MESSAGE	Problem opening installation file. (DBERR 91)
	CAUSE	Internal error.
	ACTION	Record the file system error code returned and as much information as possible. Contact your HP Service Representative or Response Center.

92	MESSAGE	Problem reading from installation file. Code = !. (DBERR 92)
	CAUSE	The installation file you specified did not contain a module. No module was generated for the preprocessed application.
	ACTION	No action is necessary. An installation was not required to run this application.

93	MESSAGE	Empty installation file. (DBERR 93)
	CAUSE	The installation file you specified is empty.
	ACTION	No action is necessary.

94	MESSAGE	Installation stopped due to error. (DBERR 94)
	CAUSE	The file name you specified in the INSTALL command was not a valid file name
		or
		the file you specified is currently being accessed by another user.
	ACTION	Issue the command again, specifying a valid file name
		or
		wait until the file is not being accessed before issuing the command again.

95	MESSAGE	File is not an installation file or it is corrupted. (DBERR 95)
	CAUSE	The name of the file you specified in the ISQL INSTALL command was not an installation file
		or
		the installation file is corrupted.
	ACTION	Correct the file name and issue the INSTALL command again
		or
		regenerate the installation file by re-preprocessing the application.

96	MESSAGE	Host variables or dynamic parameters not allowed through ISQL. (DBERR 96)
	CAUSE	The command you submitted through ISQL contains a host variable or a dynamic parameter.
	ACTION	Substitute a constant value or column name for the host variable or dynamic parameter. If you need to use variables or dynamic parameters in SQL statements, you must do so via an application program. Refer to the appropriate ALLBASE/SQL application programming guide for additional information.

97	MESSAGE	Cannot continue with SELECT. (DBERR 97)
	CAUSE	An error occurred which caused the SELECT statement to terminate. An additional message will be returned.
	ACTION	Refer to the cause and action of the additional error message.

150	MESSAGE	Invalid character for null indicator. (DBERR 150)
	CAUSE	The character you specified for the null indicator in the LOAD or UNLOAD EXTERNAL command was invalid.
	ACTION	Issue the command again, specifying any single one-byte character for the null indicator except a single quote, double quote, semi-colon, blank, or the current escape character.

151	MESSAGE	File created with different product or version, or not an INTERNAL file. (DBERR 151)
	CAUSE	The input file you specified in the LOAD command was created from a different product or a different version of ISQL or the file was UNLOADed using the EXTERNAL option.
	ACTION	UNLOAD the data to create a file from the current version specifying the INTERNAL option and issue the LOAD command again or issue the LOAD command again, specifying the EXTERNAL option.

152	MESSAGE	INSTALL file created with different product or version. (DBERR 152)
	CAUSE	The file you specified in the INSTALL command was created from a different product or different version of the preprocessor you are using.
	ACTION	Re-preprocess your program to create an installable module file from the current version, then issue the INSTALL command again.

175	MESSAGE	EXECUTE IMMEDIATE cannot be used for !. (DBERR 175)
	CAUSE	You cannot dynamically preprocess the specified command.
	ACTION	Re-submit the command without using the EXECUTE IMMEDIATE statement to host it. Refer to the *ALLBASE/SQL Reference Manual* for a list of statements that can be executed using EXECUTE IMMEDIATE.

176	MESSAGE	! cannot be used interactively. (DBERR 176)
	CAUSE	The command you specified can only be used in an application program.
	ACTION	Refer to the *ALLBASE/SQL Reference Manual* for additional information on the specified command.

177	MESSAGE	SELECT cannot be preprocessed interactively with PREPARE. (DBERR 177)
	CAUSE	You tried to PREPARE a SELECT statement interactively.
	ACTION	You can either PREPARE a SELECT programmatically or issue the SELECT statement directly or in a command file. Refer to the *ALLBASE/ISQL Reference Manual* for additional information.

193	MESSAGE	Number of nested start files exceeds maximum. (DBERR 193)
	CAUSE	There are more than ten levels of nesting of command files. This error may result from an unintended recursive START command. A maximum of ten command files can be in use at one time.
	ACTION	Rewrite your command files so that there are ten or fewer levels of nesting. Remove any recursive START commands.
201	MESSAGE	Invalid starting row. (DBERR 201)
	CAUSE	The value you specified for the starting row is not a positive integer.
	ACTION	Issue the LOAD command again, specifying a positive integer.
202	MESSAGE	Invalid number of rows. (DBERR 202)
	CAUSE	The number of rows you specified is not a positive integer.
	ACTION	Issue the LOAD command again, specifying a positive integer for the starting row.
211	MESSAGE	Failed to free heap space. (DBERR 211)
	CAUSE	Internal error.
	ACTION	Report this error to your database administrator. If the problem persists, record as much information as possible and contact your HP Service Representative or Response Center.
212	MESSAGE	Failed to get heap space. (DBERR 212)
	CAUSE	There was no memory available for your query.
	ACTION	Report this error to your database administrator and try your query later. If this problem persists, record as much information as possible and contact your HP Service Representative or Response Center.

213	MESSAGE	Insufficient file space on disc(s). (DBERR 213)
	CAUSE	There is not enough file space on the disk(s) to complete the transaction.
	ACTION	Contact your system administrator.

220	MESSAGE	Security violation, permission denied. (DBERR 220)
	CAUSE	You do not have the required capability for the operation attempted.
	ACTION	Check that you have write-access to the directory where you are located. Contact your system administrator to get the required capability.

230	MESSAGE	Total output width exceeds maximum of !. (DBERR 230)
	CAUSE	The output length you specified in the UNLOAD EXTERNAL command exceeded the maximum width of 7,990 bytes.
	ACTION	Issue the UNLOAD command again, specifying an output length less than or equal to 7,990. If you require a length greater than 7,990 bytes, issue the UNLOAD command specifying the INTERNAL option.

231	MESSAGE	Owner name must be no more than ! bytes. (DBERR 231)
	CAUSE	The length of the Owner name you specified exceeds the maximum length allowed for owner names.
	ACTION	Issue the command again, specifying a shorter owner name.

237	MESSAGE	ISQL internal error. (! !) (DBERR 237)
	CAUSE	An internal error has caused a Pascal runtime, operating system, architected call interface (ACI), foreign data access (FDA) or Switch layer error.
	ACTION	The error message includes the type of error and error number. Refer to the cause and action in the appropriate message manual.

238	MESSAGE	This session is not allowed to use the SYSTEM command. (DBERR 238)
	CAUSE	This session is not allowed to use the System command.
	ACTION	No action is required.

250	MESSAGE	Write failed on file '!'. (! !). (DBERR 250)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for a brief explanation of the error code returned.

251	MESSAGE	Read failed on file '!'. (! !). (DBERR 251)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for a brief explanation of the error code returned.

252	MESSAGE	Seek failed on file '!'. (! !). (DBERR 252)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for a brief explanation of the error code returned.

253	MESSAGE	LONG data types not allowed through UNLOAD INTERNAL. (DBERR 253)
	CAUSE	You attempted to use the UNLOAD command with the INTERNAL option for LONG data type columns.
	ACTION	Use the EXTERNAL option with the UNLOAD command.

256	MESSAGE	SELECT statement length exceeds maximum of ! bytes. (DBERR 256)
	CAUSE	The length of the SELECT statement in the UNLOAD command exceeds the maximum of 2048 bytes.
	ACTION	Use the SELECT statement to define a view, and then unload from the view.

257	MESSAGE	Unable to split error message into multiple lines. (DBERR 257)
	CAUSE	There was an internal error.
	ACTION	Record as much information as possible and contact you HP Service Representative or Response Center.
263	MESSAGE	Invalid flagger name. (DBERR 263)
	CAUSE	An invalid flagger name was specified in the SET FLAGGER statement.
	ACTION	Specify a valid flag name. Currently, the only flagger name supported is "FIPS127.1". Do not include quotes. It is not case sensitive.
284	MESSAGE	Invalid UNLOAD INTERNAL syntax after table name. (DBERR 284)
	CAUSE	The UNLOAD INTERNAL syntax after the table name is invalid.
	ACTION	No action is required.
300	MESSAGE	Open failed on file '!'. (! !). (DBERR 300)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for a brief description of the error code returned.
301	MESSAGE	Close failed on file '!'. (! !). (DBERR 301)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for a brief description of the error code returned.

308	MESSAGE	This command is not valid for FDA usage. (DBERR 308)
	CAUSE	You specified an ISQL command that cannot be used when connected to a foreign database.
	ACTION	No action necessary.

309	MESSAGE	Already connected. (DBERR 309)
	CAUSE	You have already connected to the specified database.
	ACTION	No action necessary.

310	MESSAGE	Invalid CHANGE syntax. (DBERR 310)
	CAUSE	The parameter of the CHANGE command is either missing a delimiter or contains an invalid character.
	ACTION	Insert the missing delimiter or delete the invalid character and issue the CHANGE command again.

311	MESSAGE	Invalid characters after RELEASE. (DBERR 311)
	CAUSE	Non-blank characters follow the RELEASE statement.
	ACTION	Issue the RELEASE statement with no trailing, non-blank characters.

312	MESSAGE	Invalid EXIT syntax. (DBERR 312)
	CAUSE	Non-blank characters follow the EXIT command.
	ACTION	Issue the EXIT command with no trailing, non-blank characters.

313	MESSAGE	Invalid characters after SAVEPOINT. (DBERR 313)
	CAUSE	Non-blank characters follow the SAVEPOINT statement.
	ACTION	Issue the SAVEPOINT statement with no trailing, non-blank characters.

314	MESSAGE	DO/REDO pattern not found. (DBERR 314)
	CAUSE	The pattern you specified with the DO or REDO command is not in the command history buffer.
	ACTION	Find the correct pattern with the "LIST HISTORY @" command and issue the DO or REDO command again with the correct pattern.

315	MESSAGE	Invalid keyword after PREPARE. (DBERR 315)
	CAUSE	You can not use the REPEAT option in a PREPARE statement in ISQL.
	ACTION	Issue the PREPARE statement again without the REPEAT option.

340	MESSAGE	Unsupported Format Type with CONVERT option. (DBERR 340)
	CAUSE	The SET CONVERT option is not OFF, and the format type of the input file data specified in the LOAD command is not valid for the target ALLBASE/SQL column.
	ACTION	Issue the LOAD command again with the correct format type. If you did not intend to convert the data in the input file, execute the SET CONVERT OFF command and issue the LOAD command again.

341	MESSAGE	Description file not allowed with CONVERT option. (DBERR 341)
	CAUSE	You specified a description file in the LOAD command when the SET CONVERT option is not OFF.
	ACTION	Issue the LOAD command again without the description file parameter. If you did not intend to convert the data in the input file, execute the SET CONVERT OFF command and issue the LOAD command again.

342	MESSAGE	Unsupported Data Format. (DBERR 342)
	CAUSE	The SET CONVERT option is not OFF, and the data type of the ALLBASE/SQL column specified in the LOAD command is unsupported.
	ACTION	Issue the LOAD command with an ALLBASE/SQL data type that is supported by the conversion operation. If you do not want to convert the data in the input file, execute the SET CONVERT OFF command and issue the LOAD command again.
343	MESSAGE	Data type of ! not supported with the CONVERT option. (DBERR 343)
	CAUSE	The SET CONVERT option is not OFF, and the data type of the ALLBASE/SQL column specified in the LOAD command is unsupported.
	ACTION	Issue the LOAD command with an ALLBASE/SQL data type that is supported by the conversion operation. If you do not want to convert the data in the input file, execute the SET CONVERT OFF command and issue the LOAD command again.
400	MESSAGE	Unable to load native language information. (DBERR 400)
	CAUSE	The character set attribute and upshift tables for your language could not be loaded.
	ACTION	Contact your system administrator.
401	MESSAGE	Delimiter must be a single-byte character. (DBERR 401)
	CAUSE	You used a multi-byte character as the delimiter in a CHANGE command.
	ACTION	Issue the CHANGE command again, using a single-byte character as the delimiter.
402	MESSAGE	Invalid replacement/insertion string. (DBERR 402)
	CAUSE	In the REDO command, you specified a replacement or insertion string containing invalid bytes.
	ACTION	Issue the insert or replace command again, specifying a valid string.

403	MESSAGE	Internal native language support error. (DBERR 403)
	CAUSE	An internal Native Language Support error occurred, probably due to an invalid character in input.
	ACTION	Issue your command again, specifying valid input. If this does not solve the problem, contact your system administrator.

501	MESSAGE	Error ! occurred while opening file. (DBERR 501)
	CAUSE	Error occurred while you were opening a file. Usually the error is due to file permissions, or the name being misspelled.
	ACTION	Check the name of the file to determine if it is spelled correctly, and check the file permissions assigned.

503	MESSAGE	Invalid Command. (DBERR 503)
	CAUSE	You entered a command that SQLAudit does not recognize.
	ACTION	Check the last command entered.

504	MESSAGE	Invalid Lock Point found in Audit Point File. (DBERR 504)
	CAUSE	The Audit Point File contains a log file lockpoint that is invalid. You probably used a Recovery File (generated by the AUDIT command) for the Audit Point file for the LOCK AUDITPOINT command.
	ACTION	LOCK AUDITPOINT should only use Audit Point files that were generated by calling GET AUDITPOINT.

507	MESSAGE	Log history does not go back far enough for partition !. (DBERR 507)
	CAUSE	This error indicates that the log files have wrapped around and overwritten some of the committed transactions for the partition. If this is encountered, the specified partition will be dropped from the list of auditable partitions.
	ACTION	To prevent this from happening, LOCK AUDITPOINT can be used to protect transactions committed after the beginning audit point is defined. If it is necessary to get the unaudited transactions, the SQLUtil command WRAPDBE can be used to retrieve them. See the *ALLBASE/SQL Database Administration Guide* to determine how best to do this.

508	MESSAGE	Unable to open scan for partition ! due to status of !. (DBERR 508)
	CAUSE	An unexpected error occurred while opening the log file scan for the given set of partitions.
	ACTION	Contact your HP Service Representative or Response Center.

512	MESSAGE	Log scan could not be successfully opened. (DBERR 512)
	CAUSE	Due to previous errors, the log scan could not be opened. No auditing is possible for the given list of partitions when this happens.
	ACTION	Verify the list of partitions is correct and check the previous reported errors to determine possible actions.

513	MESSAGE	Error ! occurred while reading Audit Point File. (DBERR 513)
	CAUSE	A file system error occurred while reading the Audit Point File. Usually this may occur if an invalid Audit Point File has been entered.
	ACTION	Check the file name entered to determine if correct.

514	MESSAGE	File is not a valid Audit Point File. (DBERR 514)
	CAUSE	SQLAudit has determined that the file is not an Audit Point File.
	ACTION	Check the file name entered to determine if correct.

515	MESSAGE	Error ! occurred while writing Audit Point File. (DBERR 515)
	CAUSE	You encountered a file system error while trying to create and write out the audit point information into the file. Usually this is caused by file permissions, or possibly lack of disk space.
	ACTION	Check to make sure the file name used was correct. If the file name is correct, make sure the file and/or directory permissions are correct and that there is enough space to write the file.

517	MESSAGE	Native Language Support Error ! encountered. (DBERR 517)
	CAUSE	A native language support (NLS) error was encountered by the last command. This usually means that the proper language was not correctly installed on the system, or that you may have an invalid language specified.
	ACTION	Check with the system administrator to insure that your language has been installed on the system, and check the language to ensure it is correct.

519	MESSAGE	Non Existent File entered. (DBERR 519)
	CAUSE	You entered a file name that does not exist on the system.
	ACTION	Check the file name that was entered to ensure it is correct.

520	MESSAGE	Error ! occurred while closing file. (DBERR 520)
	CAUSE	A file system error occurred while closing a file. This may be due to the file or directory permissions, or a lack of disk space on the system.
	ACTION	Check the file and directory permissions, and the amount of disk space on the system.

521	MESSAGE	Invalid partition number entered. (DBERR 521)
	CAUSE	You entered a partition number or name which is not allowed. Partition numbers must be in the range of 1 to 32767 inclusive. Valid partition names are DEFINITION, STORAGE, AUTHORIZATION, and SECTION.
	ACTION	Check the partition name or number that was entered.

524	MESSAGE	Ending Audit Point missing partition instance ! (!). (DBERR 524)
	CAUSE	This should only be possible if the database has been hard resynced by an ALLBASE/REPLICATE user.
	ACTION	Determine if the database is being used as a master or slave in an ALLBASE/REPLICATE environment and whether it has been hard resynced lately. If it has been hard resynced, a new beginning audit point should be defined after the hard resync has finished.

526	MESSAGE	Transaction encountered that is greater than ending transaction for partition instance ! (!). (DBERR 526)
	CAUSE	The only way this should be possible is if the ending audit point was not generated on the database that is being audited. For instance, if the ending audit point was generated using a different database then used against the audited DBEnvironment, this type of situation can arise.
	ACTION	Determine if the ending audit point file was actually generated against the DBEnvironment being audited.

527	MESSAGE	Error ! occurred while opening Recovery File. (DBERR 527)
	CAUSE	A file system error occurred while trying to create the recovery file. This is usually due to an incorrect name being used, or the file/directory permissions are not set correctly. This may also be due to a lack of disk space.
	ACTION	Check the recovery file name specified and make sure it does not exist before doing the audit. Also check disk space, and directory permissions.

529	MESSAGE	Unacceptable response entered (will use default). (DBERR 529)
	CAUSE	An invalid response was entered for the prompt. SQLAudit will use the default response (which is the first response listed).
	ACTION	Check the response that was entered.

533	MESSAGE	SYSTEM command unsuccessful. Return code is !. (DBERR 533)
	CAUSE	SQLAudit attempted to execute the system command that was entered and it encountered an error returned from the operating system.
	ACTION	Check the command entered to determine if it is a valid operating system command.

534	MESSAGE	No help for that command. (DBERR 534) HELP keywords are GENERAL, MAIN, and SUMMARY. Type '//' to leave SQLAUDIT HELP.
	CAUSE	You attempted to obtain help from SQLAudit on an unknown subject.
	ACTION	Check the subject entered. Allowed subjects are any SQLAudit command, or the keywords GENERAL, MAIN, or SUMMARY. If you wish to leave the SQLAudit help facility, type '//'.

535	MESSAGE	The requested editor could not be scheduled due to error !. (DBERR 535)
	CAUSE	SQLAudit was unable to start the editor that is currently set.
	ACTION	Check which editor is currently set (through the SET command). If the editor does not seem valid, change it through the SET EDITOR command. Also check to make sure it is possible to start the editor from outside SQLAudit.

701	MESSAGE	SQLGEN Error detected. SQLExplain messages will follow. (DBERR 701)
	CAUSE	An unexpected ALLBASE/SQL error occurred.
	ACTION	Read the accompanying SQLExplain message to determine the reason for the error and take corrective action. If the error persists, contact your database administrator.

702	MESSAGE	Internal error. Missing message for SQLCODE of !. (DBERR 702)
	CAUSE	The ALLBASE/SQL message catalog does not contain the message associated with error encountered.
	ACTION	Contact your database administrator.

703	MESSAGE	Could not CONNECT to DBEnvironment. (DBERR 703)
	CAUSE	SQLGEN could not connect to the DBEnvironment, possibly because the name was not entered correctly or the AUTOSTART option is OFF.
	ACTION	Correct conditions that may have caused the error. If the error persist contact your database administrator.

704	MESSAGE	Error occurred while RELEASING DBEnvironment. (DBERR 704)
	CAUSE	An ALLBASE/SQL error occurred while releasing the DBEnvironment.
	ACTION	Contact your database administrator.

706	MESSAGE	Invalid Table Type encountered. RType = !. (DBERR 706)
	CAUSE	Encountered an invalid RType in SYSTEM.TABLE.
	ACTION	Contact your database administrator.

707	MESSAGE	Invalid DBEFile Type encountered. Type = !. (DBERR 707)
	CAUSE	Encountered an invalid DBEFile in SYSTEM.DBEFILE.
	ACTION	Contact your database administrator.

708	MESSAGE	Invalid Command Number encountered. Location = !. (DBERR 708)
	CAUSE	An internal error has occurred.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

710	MESSAGE	Invalid SQLType encountered. SQLType = !. (DBERR 710)
	CAUSE	An invalid column type was encountered for one of the tables being described.
	ACTION	Contact your database administrator.

711	MESSAGE	Error occurred while opening file. (DBERR 711)
	CAUSE	Failed to open file as a new file.
	ACTION	Read system error messages to determine the cause of the error and take corrective action. If error persists, contact your system administrator.

712	MESSAGE	Error occurred while calling !. (DBERR 712)
	CAUSE	File system error occurred while retrieving information about the schema.
	ACTION	Read system error messages to determine the cause of the error and take corrective action. If error persists, contact your system administrator.

714	MESSAGE	Error occurred while closing file. (DBERR 714)
	CAUSE	File system error occurred while attempting to close a file.
	ACTION	Read system error messages to determine the cause of the error and take corrective action. If error persists, contact your system administrator.

715	MESSAGE	Error occurred while calling ! !. (DBERR 715)
	CAUSE	File system error occurred while trying to rename the file from EXPSQLG to a schema file name.
	ACTION	Read system error messages to determine the cause of the error and take corrective action. If error persists, contact your system administrator.

716	MESSAGE	SYSTEM command unsuccessful. Return code is !. (DBERR 716)
	CAUSE	The operating system command you issued is valid but cannot be executed.
	ACTION	Refer to the /usr/include/sys/errno.h file for a brief description of the error code returned.

717	MESSAGE	The requested editor could not be scheduled. (DBERR 717)
	CAUSE	You may have entered an invalid editor name.
	ACTION	Read system error messages to determine the cause of the error and take corrective actions. If error persists, contact your system administrator.

719	MESSAGE	Encountered ! ! while removing expsqlgn. (DBERR 719)
	CAUSE	File system error occurred while purging the temporary file EXPSQLGN used during file expansion.
	ACTION	Read system error messages to determine the cause of the error and take corrective action. If error persists, contact your system administrator.

720	MESSAGE	Encountered Error # ! while retrieving DBECon info. (DBERR 720)
	CAUSE	An error occurred while calling a DBCore procedure.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

721	MESSAGE	Unacceptable editor name entered.　(DBERR 721)
	CAUSE	The editor name you entered is invalid. Check the spelling.
	ACTION	Enter a valid editor name.

722	MESSAGE	Could not open specified file.　(DBERR 722)
	CAUSE	Failed to open an existing file.
	ACTION	Read the file system error messages to determine the cause of the error and take corrective action. If error persists, contact your system administrator.

723	MESSAGE	Invalid option encountered on command line.　(DBERR 723)
	CAUSE	The option encountered on the command line contained an invalid parameter.
	ACTION	Make sure the command line contains only valid parameters.

724	MESSAGE	Invalid Schema File name entered.　(DBERR 724)
	CAUSE	The Schema File name you entered did not match operating system naming conventions.
	ACTION	Reenter, using a valid Schema File Name.

725	MESSAGE	Error occurred while writing to output file.　(DBERR 725)
	CAUSE	A file system error occurred while writing to the Schema File.
	ACTION	Contact your system administrator.

726	MESSAGE	Error occurred while expanding file. (DBERR 726)
	CAUSE	A file system error occurred while moving data from the Schema File to the temporary file EXPSQLGN.
	ACTION	Contact your system administrator.

727	MESSAGE	Error occurred while appending to file. (DBERR 727)
	CAUSE	A file system error occurred while opening the Schema File in APPEND mode.
	ACTION	Contact your system administrator.

728	MESSAGE	Encountered EOF on input file. (DBERR 728)
	CAUSE	The file you specified as redirected input ran out of commands before exiting SQLGEN.
	ACTION	Check the output and input to determine whether all commands executed properly.

729	MESSAGE	Unacceptable response to prompt (will use default). (DBERR 729)
	CAUSE	You entered an invalid response to the last prompt.
	ACTION	Enter a valid response.

730	MESSAGE	Encountered error during ROLLBACK WORK. (DBERR 730)
	CAUSE	An ALLBASE/SQL error was encountered during ROLLBACK WORK.
	ACTION	Contact your database administrator. If necessary, record as much information as possible, and contact your HP Service Representative or Response Center.

744	MESSAGE	Invalid native language character encountered. (DBERR 744)
	CAUSE	An unrecognized native language character was encountered. The character does not belong to the present character set as specified by the LANG environment variable.
	ACTION	Reenter the user input using only characters found in the character set of the current language.

745	MESSAGE	Unexpected internal native language error encountered. (DBERR 745)
	CAUSE	An unexpected error occurred while using an internal native language procedure.
	ACTION	Record as much information as possible and contact your ALLBASE/SQL Service Representative or Response Center.

746	MESSAGE	Invalid Constraint Index Type encountered. (DBERR 746)
	CAUSE	Internal Error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

747	MESSAGE	Invalid Default Type encountered TYPE=<val> (DBERR 747)
	CAUSE	Internal Error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

748	MESSAGE	Invalid Constraint Type encountered. (DBERR 748)
	CAUSE	Internal Error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

1001	MESSAGE	Syntax error. (DBERR 1001)
	CAUSE	You entered the Command incorrectly.
	ACTION	Correct the syntax using the CHANGE or REDO command in ISQL, or use an editor to correct your source code. You can use the ISQL HELP command to verify your syntax.

1002	MESSAGE	Identifier too long. (DBERR 1002)
	CAUSE	One of the keywords you specified in the SQL statement was too long. This was probably caused by a typographical error such as not leaving a blank space between keywords
		or
		one of the variable names you specified was too long.
	ACTION	Issue the command again correcting the keywords which were entered incorrectly
		or
		choose a variable name that is less than or equal to 30 bytes.

1003	MESSAGE	Single-quoted string too long. (DBERR 1003)
	CAUSE	The string enclosed in single quotes in your SQL statement is too long.
	ACTION	Issue the command again, specifying a string which contains less than or equal to 3,996 bytes.

1004	MESSAGE	Expected end of string character. (DBERR 1004)
	CAUSE	String was not terminated with a quotation mark.
	ACTION	Issue the command again terminating the string with a quotation mark.

1005	MESSAGE	Expected something between the double quotes. (DBERR 1005)
	CAUSE	In the command where a database object was referenced, you did not specify an object name within the quotes.
	ACTION	Issue the command again, specifying an appropriate name within quotes.

1006	MESSAGE	Unexpected keyword. (DBERR 1006)
	CAUSE	The syntax was incorrect for the command specified.
	ACTION	Refer to the *ALLBASE/SQL Reference Manual* for the correct syntax and issue the command again.

1007	MESSAGE	DBEnvironment name is too long. (DBERR 1007)
	CAUSE	A DBEnvironment name is restricted to operating system file naming conventions.
	ACTION	Refer to the *A Beginner's Guide to HP-UX* for file naming conventions.

1008	MESSAGE	Query too large. (DBERR 1008)
	CAUSE	The internal buffer space has been exceeded.
	ACTION	Break the query into smaller units and issue the command again.

1009	MESSAGE	Double-quoted string too long. (DBERR 1009)
	CAUSE	The string enclosed in double quotes was too long.
	ACTION	Issue the command again, specifying an object name containing less than or equal to 20 bytes.

1010	MESSAGE	Duplicate DBEFile0 clause defined. (DBERR 1010)
	CAUSE	You specified the DBEFile0 clause twice in the START DBE NEW statement.
	ACTION	Issue the START DBE NEW statement again, specifying the DBEFile0 only once. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the START DBE NEW statement.

1011	MESSAGE	Duplicate LOG DBEFile clause defined. (DBERR 1011)
	CAUSE	You specified the LOG DBEFILE clause twice in the START DBE NEW or START DBE NEWLOG statement.
	ACTION	Issue the command again, specifying the LOG DBEFILE only once. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the START DBE NEW and START DBE NEWLOG statements.

1012	MESSAGE	Duplicate TRANSACTION clause defined. (DBERR 1012)
	CAUSE	You specified the transaction clause twice in the START DBE NEW, START DBE, START DBE NEWLOG, or START DBE RECOVER command.
	ACTION	Issue the command again, specifying the transaction clause only once. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the specific command.

1013	MESSAGE	Duplicate BUFFER clause defined. (DBERR 1013)
	CAUSE	You specified the BUFFER clause twice in the START DBE NEW, START DBE, START DBE NEWLOG, or START DBE RECOVER command.
	ACTION	Issue the command again, specifying the BUFFER clause only once. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the specific command.

1014	MESSAGE	Statement is not supported yet. (DBERR 1014)
	CAUSE	The statement you specified is not supported by ALLBASE/SQL.
	ACTION	Refer to the *ALLBASE/ISQL Reference Manual* and the *ALLBASE/SQL Reference Manual* for descriptions of available commands.

1015	MESSAGE	Invalid file name. (DBERR 1015)
	CAUSE	The file name you specified in the CREATE DBEFILE or START DBE statement is too long.
	ACTION	Refer to *A Beginner's Guide to HP-UX* for file naming conventions.

1016	MESSAGE	Owner id too long. (DBERR 1016)
	CAUSE	The owner name you specified in the command(s) exceeds the 20-character maximum allowed for basic names.
	ACTION	Issue the command again, specifying a valid owner name. Refer to the *ALLBASE/SQL Reference Manual* for naming conventions.

1017	MESSAGE	Column number for ORDER BY must be greater than 0. (DBERR 1017)
	CAUSE	The column number in the ORDER BY clause was less than or equal zero. The SELECT statement was aborted.
	ACTION	Issue the SELECT statement again, specifying a column number greater than zero.

1018	MESSAGE	Aggregate functions not allowed in the WHERE clause. (DBERR 1018)
	CAUSE	You specified an aggregate function in the WHERE clause of the query.
	ACTION	Move the boolean expression using the aggregate from the WHERE clause to the HAVING clause. Refer to the *ALLBASE/SQL Reference Manual* for additional information on aggregates.

1019	MESSAGE	Parameters not supported yet. (DBERR 1019)
	CAUSE	You included a clause which is not valid for the specified command.
	ACTION	Refer to the *ALLBASE/SQL Reference Manual* for additional information on the specified command.

1020	MESSAGE	Statement not allowed in PREPARE statement. (DBERR 1020)
	CAUSE	You included a statement in the PREPARE statement which is not valid.
	ACTION	Refer to the *ALLBASE/SQL Reference Manual* for additional information on the PREPARE statement.

1021	MESSAGE	Semantic error. (DBERR 1021)
	CAUSE	You included a clause which is not valid for the specified statement.
	ACTION	Refer to the *ALLBASE/SQL Reference Manual* for additional information on the statement.

1022	MESSAGE	Constant number is out of representable range. (DBERR 1022)
	CAUSE	The constant you gave in an INSERT statement or as part of an expression is too large.
	ACTION	Refer to the *ALLBASE/SQL Reference Manual* for additional information on data data types.

1023	MESSAGE	Duplicate tables in the FROM list. (DBERR 1023)
	CAUSE	You specified the same table twice in the FROM clause of the statement. The statement was not executed.
	ACTION	Issue the SELECT statement again, specifying each table only once. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the SELECT statement.

1024	MESSAGE	Table in expression not in FROM list. (DBERR 1024)
	CAUSE	You used a column from a table in an expression, but you did not include the table in the FROM clause.
	ACTION	Issue the SELECT statement again adding the specified table to the FROM list or remove the expression referencing the table before executing the command again. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the SELECT statement.

1025	MESSAGE	Number of columns does not match number of values. (DBERR 1025)
	CAUSE	The number of columns you specified in an INSERT statement does not match the number of values in the VALUES clause.
	ACTION	Issue the INSERT statement again, specifying the same value in the VALUES clause and the number of columns specified. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the INSERT statement.

1026	MESSAGE	Numeric value too long. (DBERR 1026)
	CAUSE	You attempted to enter a TID field greater than 80 digits long.
	ACTION	Shorten any TID field greater than 80 digits and reissue the statement.

1027	MESSAGE	Float precision specified not in valid range. (DBERR 1027)
	CAUSE	You specified a precision outside the range 1 - 53 in a column defined to be of type FLOAT(precision).
	ACTION	Check your syntax and reissue the command with a legal precision value.

1028	MESSAGE	UPDATE not allowed with ORDER BY. (DBERR 1028)
	CAUSE	You specified both an UPDATE clause and an ORDER BY clause in the DECLARE CURSOR statement.
	ACTION	Modify the command specifying either an UPDATE clause or an ORDER BY clause, but not both. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the DECLARE CURSOR statement.

1030	MESSAGE	Host variables not allowed in CREATE VIEW. (DBERR 1030)
	CAUSE	You specified a host variable in the SELECT statement of the VIEW command.
	ACTION	Remove the host variable from the command. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the CREATE VIEW command and to the appropriate ALLBASE/SQL application programming guide for additional information on host variables.

1031	MESSAGE	Host variables not allowed in the command to be PREPAREd. (DBERR 1031)
	CAUSE	You specified a host variable in the PREPARE statement.
	ACTION	Remove the host variable and issue the command again. Refer the *ALLBASE/SQL Reference Manual* for additional information on the PREPARE statement and to the appropriate ALLBASE/SQL application programming guide for additional information on host variables.

1032	MESSAGE	Aggregate function can not be nested. (DBERR 1032)
	CAUSE	The aggregate function you specified in the SELECT statement contained an aggregate function.
	ACTION	Issue the command again without nesting aggregate functions. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the SELECT statement.

1038	MESSAGE	Two log and file names needed if DUAL LOG. (DBERR 1038)
	CAUSE	You specified only one log name and/or file name in the START DBE NEW or you specified a START DBE NEWLOG statement and DUAL LOG in the LOG clause.
	ACTION	Issue the command again, specifying two log and file names. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the START DBE NEW and START DBE NEWLOG statements.

1039	MESSAGE	Number of columns must match number of host variables or dynamic parameters. (DBERR 1039)
	CAUSE	The number of host variables did not match the number of columns or dynamic parameters in the INSERT statement.
	ACTION	Revise your program to modify the host variable declarations and/or the INSERT statement references to host variables. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the INSERT statement.

1040	MESSAGE	User id is too long. (DBERR 1040)
	CAUSE	The length of the DBEUserID you specified was not within the range of 1 through 20 bytes.
	ACTION	Issue the command again, specifying a valid DBEUserID.

1041	MESSAGE	Duplicate type of authority specified. (DBERR 1041)
	CAUSE	You specified the same type of authority twice in either the GRANT or REVOKE statement.
	ACTION	Issue the command again, specifying each type of authority only once.

1042	MESSAGE	Duplicate columns specified. (DBERR 1042)
	CAUSE	The same column was specified twice in the UPDATE option of either the GRANT or REVOKE statement.
	ACTION	Issue the command again, specifying each column only once.

1043	MESSAGE	Column names required. (DBERR 1043)
	CAUSE	You did not specify column names in the CREATE VIEW statement.
	ACTION	Issue the command again, specifying the column names in parentheses. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the CREATE VIEW statement.

1044	MESSAGE	Scale must not be larger than precision. (DBERR 1044)
	CAUSE	The number of decimal places (scale) was greater than the the number of digits (precision) specified in the CREATE TABLE statement.
	ACTION	Issue the command again, specifying the scale as less than or equal to precision.

1045	MESSAGE	DUAL LOG specified multiple times. (DBERR 1045)
	CAUSE	The DUAL LOG option was specified more than once in the START DBE NEW or START DBE NEWLOG statement.
	ACTION	Issue the command again, specifying DUAL LOG only once. Refer to the *ALLBASE/SQL Reference Manual* for additional information.

1046	MESSAGE	Failed to allocate heap space (DBERR 1046)
	CAUSE	There was no memory available for your query.
	ACTION	Report this error to your database administrator and try you again later. If the problem persists, record as much information as possible and contact your HP Service Representative or Response Center.

1047	MESSAGE	Failed to free heap space (DBERR 1047)
	CAUSE	Internal error.
	ACTION	Report this error to your database administrator. If the problem persists, record as much information as possible and contact your HP Service Representative or Response Center.

1048	MESSAGE	Number of precision digits for this decimal constant exceeds 27. (DBERR 1048)
	CAUSE	A constant specified in the INSERT, UPDATE, SELECT, DELETE, or DECLARE CURSOR statement contained more than 27 digits.
	ACTION	Correct your query so that all constants contain less than or equal to 27 decimal digits.

1049	MESSAGE	Dynamic query size exceeds input buffer size. (DBERR 1049)
	CAUSE	The query included in the dynamic SQL command (PREPARE or EXECUTE IMMEDIATE) is larger than the input buffer.
	ACTION	Reduce the size of your query or put it in a host variable where it can be up to 32,762 bytes in length.

1050	MESSAGE	Statement not allowed in EXECUTE IMMEDIATE statement. (DBERR 1050)
	CAUSE	The statement included in the EXECUTE IMMEDIATE cannot be used dynamically.
	ACTION	Use the EXECUTE statement in the regular way through ISQL or the preprocessor, not in EXECUTE IMMEDIATE.

1051	MESSAGE	SQL Parser internal NLS error. (DBERR 1051)
	CAUSE	An internal Native Language Support error occurred within the parser, probably due to an invalid character in input.
	ACTION	Check your input for invalid bytes, and try again.

1052	MESSAGE	Invalid character found in SQL command. (DBERR 1052)
	CAUSE	An SQL statement contained an invalid Native Language Support (NLS) character.
	ACTION	Check the NLS characters in the SQL statement and issue it again.

1053	MESSAGE	Duplicate LANG clause defined. (DBERR 1053)
	CAUSE	A command was issued with a duplicate LANG clause.
	ACTION	Correct the command and issue it again.

1054	MESSAGE	Invalid LANG specified. (DBERR 1054)
	CAUSE	You attempted to specify a language that is not configured on the system possibly because of misspelling.
	ACTION	Specify a valid language, then reissue the command to create the object.

1055	MESSAGE	Language clause not valid with non-character column. (DBERR 1055)
	CAUSE	You tried to define a non-character column as having a language type.
	ACTION	Specify the language type with the appropriate character column.

1057	MESSAGE	DEFAULT NULL is specified, NOT NULL is not allowed. (DBERR 1057)
	CAUSE	DEFAULT NULL and NOT NULL cannot be specified at the same time.
	ACTION	Either remove the DEFAULT NULL clause or remove the NOT NULL clause.

1058	MESSAGE	Number of referenced columns must match number of foreign key columns. (DBERR 1058)
	CAUSE	The number of columns in the column list following REFER-ENCES was greater than one for a column-level constraint, or did not match the number of columns in a FOREIGN KEY column list for a table level constraint in a CREATE TABLE statement.
	ACTION	Check your syntax and correct the number of columns.

1059	MESSAGE	Aggregate, subquery, or host variable disallowed in CHECK constraint or rule. (DBERR 1059)
	CAUSE	A CHECK constraint or RULE was defined with one of these items in it.
	ACTION	Check the syntax and remove the aggregate, subquery, or host variable from your CHECK constraint or RULE.
1060	MESSAGE	Constraint name beginning with SQLCON_ disallowed. (DBERR 1060)
	CAUSE	A CONSTRAINT clause was specified with a name starting with 'SQLCON_' in your CREATE TABLE or CREATE VIEW statement.
	ACTION	Remove the CONSTRAINT clause or choose a different constraint name.
1061	MESSAGE	The syntax PRIMARY KEY may only be used once in CREATE/ALTER TABLE. (DBERR 1061)
	CAUSE	The syntax PRIMARY KEY appears more than once in your CREATE TABLE statement.
	ACTION	Check the syntax and remove all but one of the PRIMARY KEY specifications, or change all but one to UNIQUE.
1062	MESSAGE	HASH ON CONSTRAINT clause did not match any unique constraint name. (DBERR 1062)
	CAUSE	The constraint named in your HASH ON CONSTRAINT clause was not found in the CREATE TABLE statement.
	ACTION	Check the syntax and use the name of a named unique constraint in the HASH ON CONSTRAINT clause.

1063	MESSAGE	HASH/CLUSTERING ON CONSTRAINT used without a PRIMARY KEY. (DBERR 1063)
	CAUSE	The syntax HASH/CLUSTERING ON CONSTRAINT is used without a constraint name, and no PRIMARY KEY was defined in the CREATE TABLE statement.
	ACTION	Check the syntax and either define a PRIMARY KEY or add a constraint name to the HASH/CLUSTERING ON CONSTRAINT clause.
1064	MESSAGE	CLUSTERING ON CONSTRAINT clause did not match any unique or referential constraint name. (DBERR 1064)
	CAUSE	The constraint named in your CLUSTERING ON CONSTRAINT clause was not found in the CREATE TABLE statement.
	ACTION	Check the syntax and use the name of a named unique or referential constraint in the CLUSTERING ON CONSTRAINT clause.
1065	MESSAGE	Multiple definition of a column integrity constraint disallowed. (DBERR 1065)
	CAUSE	You used the syntax NOT NULL, LANG =, CHECK, UNIQUE, PRIMARY KEY, or REFERENCES more than once in a column definition in an ALTER TABLE or CREATE TABLE statement.
	ACTION	Remove the extra constraint(s); if more than one CHECK exists, the expressions within them can be ANDed together within a single CHECK.
1066	MESSAGE	Illegal hexadecimal number specified. (DBERR 1066)
	CAUSE	You specified non-hexadecimal characters for the BINARY/VARBINARY field.
	ACTION	Refer to the chapter "Data Types" in the *ALLBASE/SQL Reference Manual* for proper syntax.

1067	MESSAGE	Invalid location name. (DBERR 1067)
	CAUSE	The location name specified in the CREATE TEMPSPACE statement is too long.
	ACTION	Refer to *A Beginner's Guide to HP-UX* for file naming conventions.

1068	MESSAGE	DEFAULT clause is not allowed for LONG data type column. (DBERR 1068)
	CAUSE	You specified a DEFAULT clause for a column which is defined as LONG data type.
	ACTION	Remove the DEFAULT clause.

1069	MESSAGE	RECOVER option is not supported in START DBE command. (DBERR 1069)
	CAUSE	The START DBE RECOVER command is no longer available.
	ACTION	No action necessary. Refer to the *ALLBASE/SQL Database Administration Guide* for information on recovery.

1071	MESSAGE	Syntax combination of dynamic parameter and host variable disallowed. (DBERR 1071)
	CAUSE	You used both a dynamic parameter and a host variable in the statement.
	ACTION	Modify your statement to contain only dynamic parameters or only host variables.

1072	MESSAGE	Dynamic parameter is allowed in the PREPARE command only. (DBERR 1072)
	CAUSE	You used a dynamic parameter in a statement that has not been prepared.
	ACTION	Either prepare the statement using the PREPARE statement or remove the dynamic parameters from the statement.

1073	MESSAGE	Dynamic parameter as the argument of an aggregate function disallowed. (DBERR 1073)
	CAUSE	You used a dynamic parameter as the argument of an aggregate function.
	ACTION	Modify your statement to not use a dynamic parameter as the argument of an aggregate function.

1074	MESSAGE	Two log files specified without DUAL LOG. (DBERR 1074)
	CAUSE	You have specified two log files without also specifying DUAL LOG.
	ACTION	Remove one of the log file specifications or specify DUAL LOG.

1075	MESSAGE	TID function cannot be used in a HAVING clause. (DBERR 1075)
	CAUSE	You cannot specify the TID function in a HAVING clause.
	ACTION	Check and modify the command.

1076	MESSAGE	TID function cannot be used along with aggregate function in the SELECT list. (DBERR 1076)
	CAUSE	You cannot specify the TID function with an aggregate function in t he select list.
	ACTION	Check and modify the command.

1077	MESSAGE	HP SQL internal error in SPALEXI. (DBERR 1077)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP service representative or Response Center.

1078	MESSAGE	HP/SQL internal error in SLNPRE. (DBERR 1078)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP service representative or Response Center.

1079	MESSAGE	HP/SQL internal error in SLNMAIN. (DBERR 1079)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP service representative or Response Center.

1080	MESSAGE	Duplicate DEFAULT PARTITION clause defined. (DBERR 1080)
	CAUSE	More than one DEFAULT PARTITION clause appears in the START DBE NEW or START DBE NEWLOG clause.
	ACTION	Check the specified START DBE statement.

1081	MESSAGE	Duplicate MAXPARTITIONS clause defined. (DBERR 1081)
	CAUSE	The keyword MAXPARTITIONS appears more than once in the START DBE NEW or START DBE NEWLOG clause.
	ACTION	Check the specified START DBE statement.

1082	MESSAGE	AUDIT LOG specified multiple times. (DBERR 1082)
	CAUSE	You specified the AUDIT LOG clause more than once in the START DBE NEW or START DBE NEWLOG statement.
	ACTION	Check the specified START DBE statement.

1083	MESSAGE	ARCHIVE LOG specified multiple times. (DBERR 1083)
	CAUSE	You specified the ARCHIVE LOG clause more than once in the START DBE NEWLOG statement.
	ACTION	Check the specified START DBE statement.

1084	MESSAGE	Duplicate AUDIT NAME clause defined. (DBERR 1084)
	CAUSE	You specified the AUDIT NAME clause appears more than once in the START DBE NEW or START DBE NEWLOG syntax.
	ACTION	Check the specified START DBE statement.

1085	MESSAGE	AUDIT NAME too long. (DBERR 1085)
	CAUSE	You specified an AUDIT NAME longer than 8 bytes.
	ACTION	Check the specified START DBE statement.

1086	MESSAGE	INCREMENT size specified not in valid range. (DBERR 1086)
	CAUSE	The INCREMENT size for DBEFile expansion cannot be zero.
	ACTION	Make sure the INCREMENT size is within the valid range.

1088	MESSAGE	Duplicate AUDIT ELEMENT specified. (DBERR 1088)
	CAUSE	You specified an AUDIT ELEMENT more than once in the AUDIT ELEMENTS clause of the START DBE NEW or START DBE NEWLOG statement.
	ACTION	Check the specified START DBE statement.

1089	MESSAGE	Duplicate COMMENT PARTITION clause defined. (DBERR 1089)
	CAUSE	You have more than one COMMENT PARTITION clause in the START DBE NEW or START DBE NEWLOG statement.
	ACTION	Check the specified START DBE statement.

1090	MESSAGE	Dynamic Parameters cannot be used as both the first and the second operands in a BETWEEN predicate. (DBERR 1090)
	CAUSE	You specified dynamic parameters as both the first and the second operands in a BETWEEN predicate.
	ACTION	Modify your statement to not contain dynamic parameters as both the first and second operands of the BETWEEN predicate.

1091	MESSAGE	TID function cannot be used as the argument of the aggregate function. (DBERR 1091)
	CAUSE	You cannot use the TID function as the argument of an aggregate function.
	ACTION	Check and modify the command.

1092	MESSAGE	Duplicate constraint type specified. (DBERR 1092)
	CAUSE	You specified the same constraint type more than once in a SET CONSTRAINTS statement.
	ACTION	Remove the duplicate constraint type(s) and reissue the statement.

1093	MESSAGE	Default timeout value out of valid range. (DBERR 1093)
	CAUSE	The default timeout value you specified is invalid.
	ACTION	Verify that the default timeout value is within the valid range.

1094	MESSAGE	Maximum timeout value out of valid range. (DBERR 1094)
	CAUSE	The maximum timeout value you specified is invalid.
	ACTION	Verify that the maximum timeout value is within the valid range.

1095	MESSAGE	Default timeout value exceeds maximum timeout limit. (DBERR 1095)
	CAUSE	The default timeout value is greater than the maximum timeout limit.
	ACTION	Set the default timeout to a value less than or equal to the maximum timeout limit
		or
		set the maximum timeout limit to a value greater than or equal to the default timeout value.

1096	MESSAGE	DEFAULT TIMEOUT specified multiple times. (DBERR 1096)
	CAUSE	You specified the DEFAULT TIMEOUT clause more than once in either the START DBE, START DBE NEW, or STARTDBE NEWLOG statement.
	ACTION	Issue the statement again, specifying the DEFAULT TIMEOUT clause only once.

1097	MESSAGE	MAXIMUM TIMEOUT specified multiple times. (DBERR 1097).
	CAUSE	You specified the MAXIMUM TIMEOUT clause more than once in either the START DBE, START DBE NEW, or STARTDBE NEWLOG statement.
	ACTION	Issue the statement again, specifying the MAXIMUM TIMEOUT clause only once.

1098	MESSAGE	User timeout value out of valid range. (DBERR 1098)
	CAUSE	The specified user timeout is invalid.
	ACTION	Verify that the user timeout value is within the valid range.

1099	MESSAGE	GENPLAN accepts SELECT, UPDATE, and DELETE statements only. (DBERR 1099)
	CAUSE	A SELECT, UPDATE, or DELETE statement is expected.
	ACTION	Issue GENPLAN for a statement of one of the above types.

1100	MESSAGE	VariableName in WHERE clause has not been defined in the WITH clause of GENPLAN. (DBERR 1100)
	CAUSE	A *VariableName* in the WHERE clause of the statement contained in GENPLAN has not been defined in the WITH clause of the GENPLAN statement.
	ACTION	Add the *VariableName* with the appropriate data type to the WITH clause of the GENPLAN statement.

1101	MESSAGE	A language, default, or column constraint clause is not allowed in the WITH clause of GENPLAN. (DBERR 1101)
	CAUSE	A language, default, or column constraint clause was found in the WITH clause of GENPLAN.
	ACTION	Remove the language, default, or column clause from the WITH clause of GENPLAN.

1102	MESSAGE	SQL Linearizer internal NLS error. (DBERR 1102)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

1103	MESSAGE	Duplicate VariableName found in the WITH clause of GENPLAN. (DBERR 1103)
	CAUSE	The WITH clause of GENPLAN has a duplicate *VariableName*.
	ACTION	Rename or remove the duplicate *VariableName* from the WITH clause of GENPLAN.

1104	MESSAGE	Duplicate RUN BLOCK clause defined. (DBERR 1104)
	CAUSE	You specified the RUN BLOCK clause twice in the START DBE or START DBE NEW statement.
	ACTION	Issue the command again specifying the RUN BLOCK clause once.

1105	MESSAGE	USER not permitted in table CHECK constraint. (DBERR 1105)
	CAUSE	You specified a CHECK constraint with USER.
	ACTION	Remove the use of USER in the CHECK constraint and reissue the statement.

1106	MESSAGE	CURRENT_DATE not permitted in table CHECK constraint. (DBERR 1106)
	CAUSE	You specified a CHECK constraint with CURRENT_DATE.
	ACTION	Remove the use of CURRENT_DATE in the CHECK constraint and reissue the statement.

1107	MESSAGE	CURRENT_TIME not permitted in table CHECK constraint. (DBERR 1107)
	CAUSE	You specified a CHECK constraint with CURRENT_TIME.
	ACTION	Remove the use of CURRENT_TIME in the CHECK constraint and reissue the statement.

1108	MESSAGE	CURRENT_DATETIME not permitted in table CHECK constraint. (DBERR 1108)
	CAUSE	You specified a CHECK constraint with CURRENT_DATETIME.
	ACTION	Remove the use of CURRENT_DATETIME in the CHECK constraint and reissue the statement.

1109	MESSAGE	! PARTITION value must be non-zero. (DBERR 1109)
	CAUSE	You specified a DEFAULT, MAXPARTITIONS, or COMMENT partition value of zero in the START DBE NEW or START DBE NEWLOG statement.
	ACTION	Check the specified START DBE statement and replace the zero in the named partition value with a non-zero value.

1110	MESSAGE	The label (!) is not an integer. (DBERR 1110)
	CAUSE	For PASCAL and FORTRAN 77 applications, labels must be integers. A label was found that was not an integer.
	ACTION	Change the label to an integer.

1111	MESSAGE	The label (!) is not an identifier name. (DBERR 1111)
	CAUSE	For C and COBOL applications, labels must be identifier names which start with non-numeric characters. A label was found that started with a numeric character.
	ACTION	Change the label to start with a non-numeric character.

1120	MESSAGE	Statement not allowed in stored procedure. (DBERR 1120)
	CAUSE	The current statement is not permitted within a procedure.
	ACTION	Issue the CREATE PROCEDURE statement again, omitting the illegal statement. Refer to the description of the CREATE PROCEDURE statement in the "SQL Statements" chapter of the *ALLBASE/SQL Reference Manual* for a list of statements that are not allowed in procedures.

1121	MESSAGE	Local variable declarations must be at the beginning of a stored procedure. (DBERR 1121)
	CAUSE	The DECLARE statement was not at the beginning of the procedure.
	ACTION	Define local variables with DECLARE statements at the beginning of the procedure.

1122	MESSAGE	Return Status in the RETURN statement must be an integer value. (DBERR 1122)
	CAUSE	The status value in the RETURN statement is not an integer value.
	ACTION	Use an integer value for the ReturnStatus in the RETURN statement.

1123	MESSAGE	Indicator variables are not allowed with parameters or local variables used in a stored procedure statement. (DBERR 1123)
	CAUSE	You attempted to include an indicator variable with a parameter declaration or with a local variable in the CREATE PROCEDURE statement.
	ACTION	Rewrite your CREATE PROCEDURE statement, eliminating indicator variables.

1124	MESSAGE	Element in Boolean expression is not allowed in current procedure statement. (DBERR 1124)
	CAUSE	The following elements are not allowed in the *Condition* of IF and WHILE statements in a procedure: aggregate functions, TID functions, long column functions, column references, DATETIME conversion functions involving columns references, and subquery expressions.
	ACTION	Rewrite your CREATE PROCEDURE statement, eliminating the illegal elements from the Condition.

1125	MESSAGE	Undefined parameter, local variable or cursor. (DBERR 1125)
	CAUSE	The parameter, variable, or cursor is referenced inside a procedure without first being defined.
	ACTION	Define the parameter, local variable, or cursor before referencing it in the CREATE PROCEDURE statement.

1126	MESSAGE	Doubly defined parameter, local variable or cursor. (DBERR 1126)
	CAUSE	You defined the parameter, local variable, or cursor more than once.
	ACTION	Check your parameter list, local variable declaration, or cursor definition and reissue the CREATE PROCEDURE statement.

1127	MESSAGE	Built-in-variable is not allowed in an SQL statement. (DBERR 1127)
	CAUSE	You used a built-in variable in an SQL statement. Built-in variables can only be used in non-SQL statements inside a procedure.
	ACTION	Check the expressions in the procedure's SQL statements, and reissue the CREATE PROCEDURE statement.

1128	MESSAGE	A local variable or parameter is required for this SQL statement in a stored procedure. (DBERR 1128)
	CAUSE	You used the SELECT, FETCH, or REFETCH statement inside a procedure without specifying a local variable or parameter.
	ACTION	Reissue the CREATE PROCEDURE statement including the appropriate local variable or parameter along with the SELECT, FETCH, or REFETCH.

1129	MESSAGE	OUTPUT option is allowed only for host variables in EXECUTE PROCEDURE. (DBERR 1129)
	CAUSE	You attempted to use the OUTPUT option without specifying a host variable in the EXECUTE PROCEDURE statement in an application program.
	ACTION	Check the actual parameters of your EXECUTE PROCEDURE statement and eliminate the illegal use of the OUTPUT option.

1130	MESSAGE	The LONG data type is not allowed for a parameter or local variable in a stored procedure. (DBERR 1130)
	CAUSE	You attempted to declare a parameter or local variable with the LONG data type in the CREATE PROCEDURE statement.
	ACTION	Reissue the CREATE PROCEDURE statement without the LONG parameter or variable declaration.

1131	MESSAGE	No LABEL is allowed for this procedure statement. (DBERR 1131)
	CAUSE	No label is allowed in the DECLARE *Variable* statement, the WHENEVER statement, or compound statements.
	ACTION	Remove the illegal label and reissue the CREATE PROCEDURE statement.

1132	MESSAGE	Cursor name must be a single identifier. (DBERR 1132)
	CAUSE	You attempted to qualify a cursor name with an owner or module name.
	ACTION	Delete the cursor name qualification in the specified statement and reissue the CREATE PROCEDURE statement.

1133	MESSAGE	No INTO clause is allowed in the SELECT statement of a DECLARE CURSOR. (DBERR 1133)
	CAUSE	You attempted to use an INTO clause inside a cursor declaration in a procedure.
	ACTION	Check the SELECT portion of your DECLARE CURSOR statement to make sure there is no INTO clause, and reissue the CREATE PROCEDURE statement. Use the INTO clause in the FETCH statement.

1134	MESSAGE	Local variable data type is invalid. (DBERR 1134)
	CAUSE	You attempted to use a non-integer local variable or parameter in a SAVEPOINT, ROLLBACK WORK TO SAVEPOINT, or SET TIMEOUT statement in a procedure.
	ACTION	Correct the data type for the local variable or parameter and reissue the CREATE PROCEDURE statement.

1135	MESSAGE	A local variable/host variable is not allowed in an inner query block. (DBERR 1135)
	CAUSE	You attempted to use a local or host variable in a nested query block or in any query block in a UNION other than the first UNION block.
	ACTION	Remove the illegal variable reference in the query.

1136	MESSAGE	The number of parameters defined exceeds the maximum of 255. (DBERR 1136)
	CAUSE	You attempted to specify more than the maximum of 255 parameters in a CREATE PROCEDURE or EXECUTE PROCEDURE statement.
	ACTION	Reissue the CREATE PROCEDURE or EXECUTE PROCEDURE statement using 255 or fewer parameters.

1137	MESSAGE	The expression in a variable or parameter assignment statement contains an element that is not allowed in a stored procedure. (DBERR 1137)
	CAUSE	You used one of the following elements, which are not allowed in the expression of an assignment statement in a procedure: column reference, subquery, dynamic parameter, aggregate function, TID function, long column function, or date/time conversion function involving a column reference.
	ACTION	Reissue the CREATE PROCEDURE statement , eliminating the illegal elements from the expression.

1138	MESSAGE	The expression in an actual parameter contains an element that is not allowed in the EXECUTE PROCEDURE statement. (DBERR 1138)
	CAUSE	The following elements are not allowed in an expression in an actual parameter in the EXECUTE PROCEDURE statement: column reference, subquery, dynamic parameter, aggregate function, TID function, long column function, or date/time conversion function involving a column reference.
	ACTION	Rewrite your EXECUTE PROCEDURE statement, eliminating the illegal element from the expression in the actual parameter.

1139	MESSAGE	The OUTPUT option is not allowed for parameters that contain an expression in the EXECUTE PROCEDURE statement. (DBERR 1139)
	CAUSE	You attempted to use the OUTPUT option with a parameter that contains an expression in an EXECUTE PROCEDURE statement within an application program.
	ACTION	Check the actual parameters of your EXECUTE PROCEDURE statement and eliminate the illegal use of the OUTPUT option.

1140	MESSAGE	The language clause is not valid with a non-character parameter or variable in the CREATE PROCEDURE statement. (DBERR 1140)
	CAUSE	You specified a language for a parameter, variable, or result of a non-character data type in a CREATE PROCEDURE statement.
	ACTION	Reissue the CREATE PROCEDURE statement, omitting the language clause for any parameter, variable, or result of a non-character data type.

1141	MESSAGE	No value was provided for a named list parameter in the EXECUTE PROCEDURE statement. (DBERR 1141)
	CAUSE	You specified the name of a parameter in a named parameter list, but you did not specify a value for the parameter.
	ACTION	Check the parameter list included in the EXECUTE PROCEDURE statement, and ensure that you supply a value for each parameter. Then reissue the EXECUTE PROCEDURE statement.

1142	MESSAGE	Named list and ordered list parameters cannot be mixed in the EXECUTE PROCEDURE statement. (DBERR 1142)
	CAUSE	You specified one or more named parameters together with one or more ordered parameters in the same EXECUTE PROCEDURE statement. A parameter list must be either an ordered list or a named list and cannot mix parameters of both types.
	ACTION	Check the parameter list included in the EXECUTE PROCEDURE statement, and ensure that you use a consistent parameter type in the parameter list. Then reissue the EXECUTE PROCEDURE statement.

1143	MESSAGE	Multiple values provided for single parameter in the EXECUTE PROCEDURE statement. (DBERR 1143)
	CAUSE	You used the same parameter name more than once in a named parameter list in the EXECUTE PROCEDURE statement.
	ACTION	Correct the EXECUTE PROCEDURE statement, making sure that each parameter name is assigned only one value. Then reissue the EXECUTE PROCEDURE statement.

1144	MESSAGE	The number of result columns defined exceeds the maximum num of 1024. (DBERR 1144)
	CAUSE	You specified more that 1024 result columns in a CREATE PROCEDURE statement.
	ACTION	Reissue the CREATE PROCEDURE statement, specifying no more than 1024 result columns.

1145	MESSAGE	Dynamic parameters are not allowed in procedure statements. (DBERR 1145)
	CAUSE	You included a dynamic parameter in a statement inside a parameter.
	ACTION	Reissue the CREATE PROCEDURE statement, omitting any dynamic parameter.

1146	MESSAGE	The WITH RESULT clause is allowed only for a procedure returning results. (DBERR 1146)
	CAUSE	You included the WITH RESULT clause in a CREATE PROCEDURE statement, but the procedure returns no result sets.
	ACTION	Reissue the CREATE PROCEDURE statement, omitting the WITH RESULT clause.

1147	MESSAGE	DEFAULT clause is not allowed for an OUTPUT ONLY parameter. (DBERR 1147)
	CAUSE	You provided a default value for an OUTPUT ONLY parameter in the CREATE PROCEDURE statement.
	ACTION	Reissue the CREATE PROCEDURE statement, either omitting the default value, or specifying OUTPUT rather than OUTPUT ONLY.

1150	MESSAGE	Host variables not allowed in CREATE RULE. (DBERR 1150)
	CAUSE	You defined a RULE containing a host variable.
	ACTION	Check the syntax and remove the host variable from your CREATE RULE statement.

1151	MESSAGE	Duplicate statement type specified in CREATE RULE. (DBERR 1151)
	CAUSE	You defined a RULE with duplicate statement types.
	ACTION	Check the syntax and remove the duplicate statement type from your CREATE RULE statement.

1152	MESSAGE	TID function disallowed in CHECK constraint or RULE. (DBERR 1152)
	CAUSE	A RULE or CHECK constraint contains a TID function.
	ACTION	Check the syntax and remove the TID function from your CREATE RULE statement or CHECK constraint.

1153	MESSAGE	RETURN clause not permitted in EXECUTE PROCEDURE of CREATE RULE. (DBERR 1153)
	CAUSE	You included a RETURN clause in the EXEC PROCEDURE clause of a CREATE RULE statement.
	ACTION	Remove the RETURN clause from the EXEC PROCEDURE clause.

1154	MESSAGE	OUTPUT parameters not permitted in EXECUTE PROCEDURE of CREATE RULE. (DBERR 1154)
	CAUSE	You included a parameter defined for OUTPUT in the EXECUTE PROCEDURE clause of a CREATE RULE statement.
	ACTION	Remove the key word OUTPUT from the EXECUTE PROCEDURE clause.

1155	MESSAGE	Negative Hexstring is not allowed. (DBERR 1155)
	CAUSE	You attempted to enter a negative hexstring.
	ACTION	Remove the minus sign from the hexstring and reissue the statement.

1156	MESSAGE	Duplicate ISOLATION LEVEL clause defined. (DBERR 1156)
	CAUSE	You have more than one IDOLATION LEVEL clause in the SET TRANSACTION or SET SESSION statement.
	ACTION	Check the specified SET TRANSACTION or SET SESSION statement.

1157	MESSAGE	Duplicate PRIORITY clause defined. (DBERR 1157)
	CAUSE	You specified the PRIORITY clause more than once in the SET TRANSACTION or SET SESSION statement.
	ACTION	Check the specified SET TRANSACTION or SET SESSION statement.

1158	MESSAGE	Duplicate LABEL clause defined. (DBERR 1158)
	CAUSE	You included more than one LABEL clause in the SET TRANSACTION or SET SESSION statement.
	ACTION	Check the specified SET TRANSACTION or SET SESSION statement.

1159	MESSAGE	Duplicate CONSTRAINTS clause defined. (DBERR 1159)
	CAUSE	You included more than one CONSTRAINTS clause in the SET TRANSACTION or SET SESSION statement.
	ACTION	Check the specified SET TRANSACTION or SET SESSION statement.

1160	MESSAGE	Duplicate DML ATOMICITY clause defined. (DBERR 1160)
	CAUSE	You included more than one DML ATOMICITY clause in the SET TRANSACTION or SET SESSION statement.
	ACTION	Check the specified SET TRANSACTION or SET SESSION statement.

1161	MESSAGE	Duplicate FILL clause defined. (DBERR 1161)
	CAUSE	You included more than one FILL clause in the SET SESSION statement.
	ACTION	Check the specified SET SESSION statement.

1163	MESSAGE	Device name specified exceed 44 characters. (DBERR 1163)
	CAUSE	The device name in the CREATE DBEFILE command is too long.
	ACTION	Correct the device specification and reissue the CREATE DBEFile command.

1164	MESSAGE	The [NOT] CASE SENSITIVE attribute is not applicable on non-character column. (DBERR 1164)
	CAUSE	You applied a CASE SENSITIVE or NOT CASE SENSITIVE keyword to a column which is not defined as a character column.
	ACTION	Avoid applying CASE SENSITIVE or NOT CASE SENSITIVE keywords to non-character columns.

1165	MESSAGE	Duplicate USER TIMEOUT clause defined. (DBERR 1165)
	CAUSE	A duplicate USER TIMEOUT clause was specified.
	ACTION	No action required. The duplicate USER TIMEOUT clause will be ignored.

1166	MESSAGE	Duplicate on TIMEOUT/DEADLOCK clause defined. (DBERR 1166)
	CAUSE	A duplicate TIMEOUT/DEADLOCK clause was specified.
	ACTION	No action required. The duplicate TIMEOUT/DEADLOCK clause will be ignored.

1167	MESSAGE	Duplicate TERMINATION clause defined. (DBERR 1167)
	CAUSE	A duplicate TERMINATION clause was specified.
	ACTION	No action required. The duplicate TERMINATION clause will be ignored.

1168	MESSAGE	Table name required. (DBERR 1168)
	CAUSE	You issued a RENAME TABLE statement without a valid table name.
	ACTION	See syntax for RENAME TABLE in "SQL Statements" chapter of the *ALLBASE/SQL Reference Manual*.

1169	MESSAGE	Data type ! not allowed for CAST. (DBERR 1169)
	CAUSE	An incorrect data type was specified for CAST.
	ACTION	See the table, "Data Types for CAST Function," in the "Expressions" chapter of the *ALLBASE/SQL Reference Manual*.

1170	MESSAGE	Format specification is only allowed for date/time data types. (DBERR 1170)
	CAUSE	An incorrect format was specified.
	ACTION	See the "Expressions" chapter of the *ALLBASE/SQL Reference Manual* for the correct syntax.

1171	MESSAGE	Expression may not contain table or column reference. (DBERR 1171)
	CAUSE	An incorrect syntax was specified for the expression.
	ACTION	See the "Expressions" chapter of the *ALLBASE/SQL Reference Manual* for the correct syntax.

1600	MESSAGE	Unidentified DBECON utility error. (RC !, !, !, !) (DBERR 1600)
	CAUSE	An unexpected error was encountered.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.
1601	MESSAGE	Cannot open DBECON file. (! !, RC !, !, !) (DBERR 1601)
	CAUSE	A file system error was encountered.
	ACTION	Check the spelling of the DBEnvironmentName in the last command that was issued. Refer to the /usr/include/sys/errno.h file for an error description.
1602	MESSAGE	Cannot close DBECON file. (! !, RC !, !, !) (DBERR 1602)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.
1603	MESSAGE	Cannot read DBECON file. (! !, RC !, !, !) (DBERR 1603)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.
1604	MESSAGE	Cannot update DBECON file. (! !, RC !, !, !) (DBERR 1604)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.
1605	MESSAGE	Cannot store DBECON file. (! !, RC !, !, !) (DBERR 1605)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the /usr/include/sys/errno.h filefor an error description.

1606	MESSAGE	DBCore INTERNAL error. (FNC !, RC !, ! !, !, !) (DBERR 1606)
	CAUSE	An unexpected error was encountered.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

1607	MESSAGE	Cannot open database or log file. (! !, RC !, !, !) (DBERR 1607)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

1608	MESSAGE	Cannot update database or log file. (! !, RC !, !, !) (DBERR 1608)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

1609	MESSAGE	Cannot close database or log file. (! !, RC !, !, !) (DBERR 1609)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

1610	MESSAGE	Cannot purge database or log file. (! !, RC !, !, !) (DBERR 1610)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

1621	MESSAGE	Invalid DBECON file. Record length too small. (RC !, !, !, !) (DBERR 1621)
	CAUSE	The file specified is not a DBECON file.
	ACTION	Check your spelling. Issue the command again, specifying a valid DBECON file.

1622	MESSAGE	Invalid DBECON file. Bad Brand. (RC !, !, !, !) (DBERR 1622)
	CAUSE	The file specified is not a DBECON file.
	ACTION	Check your spelling. Issue the command again, specifying a valid DBECON file.

1623	MESSAGE	DBEnvironment already exists. (RC !, !, !, !) (DBERR 1623)
	CAUSE	You attempted to RESTORE a backup copy of a DBEnvironment, but it already exists on your system.
	ACTION	You must purge all files associated with the DBEnvironment before RESTORE will successfully execute.

1624	MESSAGE	DBE on StoreFile doesn't match RESTORE parameter. (RC !, !, !, !) (DBERR 1624)
	CAUSE	You attempted to RESTORE a backup copy of a DBEnvironment, but the name of the DBEnvironment that is contained on the backup is not the same as the name of the DBEnvironment that you were attempting to restore.
	ACTION	Issue the command again, specifying the correct StoreFile and DBEnvironment names.

1625	MESSAGE	Null or invalid StoreFile name. (RC !, !, !, !) (DBERR 1625)
	CAUSE	You attempted to either RESTORE a backup copy of a DBEnvironment or RESTORELOG a backup copy of a log file, but you provided an invalid name for the file or tape device containing the backup.
	ACTION	Check your spelling. Issue the command again, specifying a valid StoreFileName.

1626	MESSAGE	Security Violation. (RC !, !, !, !) (DBERR 1626)
	CAUSE	You do not have the required capability for the operation that was attempted.
	ACTION	Refer to the ALLBASE/SQL Reference Manual or the ALLBASE/SQL Database Administration Guide for information about the capability that is required for the operation.

1627	MESSAGE	Cannot update DBEnvironment Creator Id. (RC !, !, !, !) (DBERR 1627)
	CAUSE	You attempted a command that may only be executed by the superuser.
	ACTION	Issue the command again as the superuser.

1628	MESSAGE	DBEnvironment Creator Id is not in /etc/passwd. (RC !, !, !, !) (DBERR 1628)
	CAUSE	You probably moved a DBEnvironment from one system to another without using the SQLUtil STORE and RESTORE commands, or you used the RESTORE command but you were not superuser.
	ACTION	You may do either of the following: 1. RESTORE the DBEnvironment as the superuser, specifying a valid NEW DBECreator Name at the appropriate prompt, or 2. Use the SQLMigrate SHOW "DBEnvironmentName" VERSION command to determine the Creator Id. Contact your system administrator to add an entry to the /etc/passwd file using this uid.

1629	MESSAGE	Internal Error. Buffer too small. (RC !, !, !, !) (DBERR 1629)
	CAUSE	An unexpected error was encountered.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

1640	MESSAGE	`SystemFileName could not be CREATED (! !).` (DBERR 1640)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

1680	MESSAGE	`NLS routine failed.  (!, !, !, !)` (DBERR 1680)
	CAUSE	An unexpected error occurred while using an internal native language procedure.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

1682	MESSAGE	`Cannot open message catalog (!).` (DBERR 1682)
	CAUSE	An unexpected error was encountered when trying to open the ALLBASE/SQL message catalog. It probably does not exist.
	ACTION	Contact your system administrator.

1683	MESSAGE	`Message catalog read error.  (set !, msg !, !)` (DBERR 1683)
	CAUSE	An unexpected error was encountered when trying to find a message in the ALLBASE/SQL message catalog.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

1684	MESSAGE	`Cannot close message catalog (!).` (DBERR 1684)
	CAUSE	An unexpected error was encountered when trying to close the ALLBASE/SQL message catalog.
	ACTION	Contact your system administrator.

1685	MESSAGE	`Failed loading keyword (!).` (DBERR 1685)
	CAUSE	An unexpected error occurred while trying to obtain information from the ALLBASE/SQL message catalog. The version of the message catalog is probably incompatible with the version of the program.
	ACTION	Contact your system administrator.

1686	MESSAGE	Failed to determine minimum uniqueness of keywords (!). (DBERR 1686)
	CAUSE	An unexpected error occurred while trying to obtain information from the ALLBASE/SQL message catalog. The version of the message catalog is probably incompatible with the version of the program.
	ACTION	Contact your system administrator.
1687	MESSAGE	Failed to obtain string constant (set !, msg !, !). (DBERR 1687)
	CAUSE	An unexpected error occurred while trying to obtain information from the ALLBASE/SQL message catalog. The version of the message catalog is probably incompatible with the version of the program.
	ACTION	Contact your system administrator.
1813	MESSAGE	The statement is not valid in SETOPT. (DBERR 1813)
	CAUSE	The statement is not supported with SETOPT.
	ACTION	Do not use the statement in SETOPT.
1814	MESSAGE	Conflict ! statements or conflict conditions on ! statement occur in SETOPT statement. (DBERR 1814)
	CAUSE	! statements or conditions on ! statement in SETOPT are conflicting.
	ACTION	Remove incorrect ! statement or incorrect conditions from ACCESS statement and reexecute SETOPT and the query.
1815	MESSAGE	WITH clause of GENPLAN is not allowed in the GENPLAN on a section. (DBERR 1815)
	CAUSE	You tried to specify a GENPLAN on a section with a WITH clause.
	ACTION	Remove WITH clause from GENPLAN statement.

2032	MESSAGE	Cannot use WITH AUTOCOMMIT if rule enabled. (DBERR 2032)
	CAUSE	WITH AUTOCOMMIT was used incorrectly.
	ACTION	See the DELETE or VALIDATE statement in the "SQL Statements" chapter of the *ALLBASE/SQL Reference Manual*.
2033	MESSAGE	Cannot use WITH AUTOCOMMIT inside atomic block.(DBERR 2033)
	CAUSE	WITH AUTOCOMMIT was used incorrectly.
	ACTION	See the DELETE or VALIDATE statement in the "SQL Statements" chapter of the *ALLBASE/SQL Reference Manual*.
2034	MESSAGE	Cannot use WITH AUTOCOMMIT inside global transaction. (DBERR 2034)
	CAUSE	WITH AUTOCOMMIT was used incorrectly.
	ACTION	See the DELETE or VALIDATE statement in the "SQL Statements" chapter of the *ALLBASE/SQL Reference Manual*.
2035	MESSAGE	Cannot use WITH AUTOCOMMIT if constraints are deferred. (DBERR 2035)
	CAUSE	WITH AUTOCOMMIT was used incorrectly.
	ACTION	See the DELETE or VALIDATE statement in the "SQL Statements" chapter of the *ALLBASE/SQL Reference Manual*.
2100	MESSAGE	ALLBASE/SQL not running. (DBERR 2100)
	CAUSE	An SQL statement was issued before a DBE session was started.
	ACTION	Start a DBE session with the CONNECT or START DBE statement, then issue the SQL statement again.
2101	MESSAGE	ALLBASE/SQL already started. (DBERR 2101)
	CAUSE	A START DBE or CONNECT statement was entered after a DBE session was already started.
	ACTION	No action is necessary.

2102	MESSAGE	Command requires a transaction to be in progress. (DBERR 2102)
	CAUSE	A COMMIT WORK or ROLLBACK WORK statement was issued before a transaction was started.
	ACTION	No action is necessary. To begin a transaction, issue a BEGIN WORK statement.
2103	MESSAGE	Transaction already started. (DBERR 2103)
	CAUSE	You attempted to start a second transaction before the current transaction was committed.
	ACTION	Issue a COMMIT WORK or ROLLBACK WORK statement to terminate the previous transaction, then issue a BEGIN WORK statement to start the next transaction.
2105	MESSAGE	Specified DBEnvironment already exists. (DBERR 2105)
	CAUSE	You tried to create a DBEnvironment that already exists.
	ACTION	Issue the START DBE NEW statement again, specifying a unique name.
2106	MESSAGE	Backward migration is needed - use SQLMigrate. (DBERR 2106)
	CAUSE	The release of the ALLBASE/SQL software does not match the version of the DBEnvironment.
	ACTION	Use the migration tool, SQLMigrate, to migrate the DBEnvironment backward to the proper version or use a newer release of the ALLBASE/SQL software.
2107	MESSAGE	Forward migration is needed - use SQLMigrate. (DBERR 2107)
	CAUSE	The release of the ALLBASE/SQL software does not match the version of the DBEnvironment.
	ACTION	Use the migration tool, SQLMigrate, to migrate the DBEnvironment forward to the proper version or use an older release of the ALLBASE/SQL software.

2108	MESSAGE	DBEnvironment corrupted during previous migration. (DBERR 2108)
	CAUSE	At some prior time, a migration attempt failed which corrupted the DBEnvironment in the process.
	ACTION	Restore the DBEnvironment from the backup.

2200	MESSAGE	DBEFileSet ! not found. (DBERR 2200)
	CAUSE	You tried to access a DBEFileSet that does not exist.
	ACTION	Check your spelling. If you still receive this error ask your Database Administrator to check the SYSTEM.DBEFILESET system catalog to make sure that the DBEFileSet exists.

2201	MESSAGE	DBEFileSet ! already exists. (DBERR 2201)
	CAUSE	You tried to CREATE a DBEFileSet that already exists.
	ACTION	Issue the CREATE DBEFILESET statement again, specifying a unique name.

2202	MESSAGE	DBEFile ! not found. (DBERR 2202)
	CAUSE	You tried to access a DBEFile that does not exist in this DBEnvironment by using the ADD DBEFILE, DROP DBEFILE, or REMOVE DBEFILE statement.
	ACTION	Check your spelling. Check the SYSTEM.DBEFILE view to make sure that the specified DBEFile does exist.

2203	MESSAGE	DBEFile ! already exists. (DBERR 2203)
	CAUSE	You tried to create a DBEFile that was already created in this DBEnvironment.
	ACTION	Issue the command again, specifying a unique name.

2204	MESSAGE	DBEFile ! not associated with DBEFileSet !. (DBERR 2204)
	CAUSE	The DBEFile named in the command is not associated with the DBEFileSet named in the same command.
	ACTION	Ask your database administrator to check the SYSTEM.DBEFILE view to verify which DBEFileSet the DBEFile is associated with.

2205	MESSAGE	DBEFile ! already associated with DBEFileSet !. (DBERR 2205)
	CAUSE	The ADD DBEFILE statement contained a DBEFile that is already a member of the DBEFileSet specified.
	ACTION	No action is necessary.

2206	MESSAGE	Table/View !.! not found. (DBERR 2206)
	CAUSE	The table or view specified in the query or command does not exist in the DBEnvironment.
	ACTION	Check your spelling, owner name, and system catalog. If you still receive this error ask your database administrator to check the SYSTEM.TABLE or SYSTEM.VIEW view to make sure that the specified table does exist.

2207	MESSAGE	Table/View !.! already exists. (DBERR 2207)
	CAUSE	The table or view you specified in the CREATE TABLE or CREATE VIEW statement already exists in the DBEnvironment.
	ACTION	Create the table or view with a different name (same owner) or different owner name (same table or view name).

2208	MESSAGE	Column ! not found in table/view !.!. (DBERR 2208)
	CAUSE	The column name you specified was not found in the specified table or view.
	ACTION	Check your spelling. If you still receive this error, use the ISQL INFO command or ask your database administrator to check SYSTEM.COLUMN to make sure that the specified column does exist in the table.

2209	MESSAGE	Duplicate column !. (DBERR 2209)
	CAUSE	You specified a column name twice in the CREATE TABLE or CREATE INDEX statement or you specified a column already existing in the table in the ALTER TABLE statement.
	ACTION	Issue the command again, specifying unique column names.

2210	MESSAGE	Ambiguous column !. (DBERR 2210)
	CAUSE	The column you specified in the query exists in more than one table specified in the query.
	ACTION	Execute your query again, specifying the table name as well as the column name.

2211	MESSAGE	Column ! not found. (DBERR 2211)
	CAUSE	The column you specified in the query does not exist in any of the specified tables.
	ACTION	Check your spelling. If you still receive this error ask your database administrator to check the SYSTEM.COLUMN view to make sure that the specified column does exist.

2212	MESSAGE	Index ! not found in table !.!. (DBERR 2212)
	CAUSE	A non-existent index was specified in the DROP INDEX statement
		or
		the index specified in the DROP command is not associated with the specified table.
	ACTION	Check your spelling. If you still receive this error, ask your database administrator to check the SYSTEM.INDEX view to make sure that the specified index does exist in the specified table.

2213	MESSAGE	`Duplicate index !. (DBERR 2213)`
	CAUSE	The index you named in the CREATE INDEX statement already exists for the specified table.
	ACTION	Create the index with another name or DROP the old index before you create the new one.

2214	MESSAGE	`Unrecognizable command or module !.!(!) not found. (DBERR 2214)`
	CAUSE	One of two error conditions has occurred. Either the command you entered is not recognizable or the module specified cannot be found.
	ACTION	Check your spelling. Ask your database administrator to check the SYSTEM.SECTION view to make sure that the module exists in the DBEnvironment to which the application is connected.

2215	MESSAGE	`Module !.!(!) already exists. (DBERR 2215)`
	CAUSE	You tried to PREPARE a module or declare a cursor which already exists.
	ACTION	Issue the command again, specifying a unique module name. Use another integer or give the command a different name. Ask your Database Administrator to check the SYSTEM.SECTION view for names of existing modules.

2216	MESSAGE	`Module !.! not found. (DBERR 2216)`
	CAUSE	You tried to execute the OPEN CURSOR statement or the DROP MODULE statement on a non-existent section

or

the module in the DROP MODULE statement does not exist. |
| | ACTION | Check your spelling. If you still receive this error, ask your Database Administrator to check the SYSTEM.SECTION view to make sure that the module exists in the specified DBEnvironment. |

2218	MESSAGE	TempSpace name ! already defined. (DBERR 2218)
	CAUSE	You tried to create a TEMPSPACE that was already created in this DBEnvironment.
	ACTION	Issue the CREATE TEMPSPACE statement again, specifying a unique logical tempspace name.

2219	MESSAGE	TempSpace name ! not found. (DBERR 2219)
	CAUSE	You tried to access a TEMPSPACE that does not exist in this DBEnvironment by using the DROP TEMPSPACE statement.
	ACTION	Check your spelling. Check the SYSTEM.TEMPSPACE table to make sure that the specified TEMPSPACE does exist.

2220	MESSAGE	Duplicate column found in sort column list. (DBERR 2220)
	CAUSE	The ORDER BY clause in the SELECT statement contains more than one reference to the same column. The command is not executed.
	ACTION	Remove the duplicate column and execute the command again.

2221	MESSAGE	Duplicate column found in insert column list. (DBERR 2221)
	CAUSE	The column list in the INSERT statement contains more than one reference to the same column.
	ACTION	Remove the duplicate column and execute the command again.

2222	MESSAGE	Table name required to drop index !.!. (DBERR 2222)
	CAUSE	You attempted to drop an index with an ambiguous name. The same index name was used in creating indexes on two tables with the same owner.
	ACTION	Use the syntax DROP INDEX *IndexName* FROM [*Owner*.]*TableName* to specify which table's index should be dropped.

2223	MESSAGE	Index !.! not found. (DBERR 2223)
	CAUSE	A non-existent index was specified in the DROP INDEX statement without an associated table.
	ACTION	Check your spelling. If you still receive this error, ask your database administrator to check the SYSTEM.INDEX view to make sure that the specified index does exist.

2224	MESSAGE	! !.! must have same owner as table !.!. (DBERR 2224)
	CAUSE	Different owners were given for the named INDEX, CONSTRAINT, or RULE and the named table, or the default table owner was different from the specified INDEX, CONSTRAINT, or RULE owner in the CREATE INDEX, DROP INDEX, DROP CONSTRAINT, CREATE RULE, or DROP RULE statement.
	ACTION	If both owners were specified, check your spelling. If the table owner was not specified, either specify one or drop the specification of the INDEX, CONSTRAINT, or RULE owner. If you still receive this error, ask your database administrator to check the SYSTEM.INDEX view, SYSTEM.CONSTRAINT view, or SYSTEM.RULE view to determine the correct owner.

2225	MESSAGE	Out of disc space for all TempSpaces. (DBERR 2225)
	CAUSE	There is not enough space in the device to support your sorting operation.
	ACTION	Use a different device or contact your database administrator to add more space to the current device.

2227	MESSAGE	Duplicate SCHEMA !. (DBERR 2227)
	CAUSE	There are existing objects already owned by the Authorization-Name specified.
	ACTION	Make sure the AuthorizationName specified is neither an owner of existing objects in the DBEnvironment nor a grantor of authority on existing objects. To check ownership, query SYSTEM.TABLE and SYSTEM.GROUP. To check authorities, query SYSTEM.TABAUTH and SYSTEM.COLAUTH.

2228	MESSAGE	Duplicate column ! found in joined table. (DBERR 2228)
	CAUSE	With an explicit three or more table join, a result table (which participates in a subsequent join clause) has been produced and it has more than one column with the same column name. This same column name is either specified as a join column in the "ON *SearchCondition*" clause of the explicit join, or if a NATURAL ... JOIN has been specified, the column has been chosen by ALLBASE/SQL as a join column.
	ACTION	When writing a three or more table join with explicit join syntax make sure that for any single result table participating in a join, there are no duplicate column names which will be named as a join column. To ensure this, make each join clause a NATURAL ... JOIN or a JOIN ... USING (*ColumnList*), except for the final join, which may contain these types or a JOIN ... ON *SearchCondition3* clause. Otherwise, ensure that each join clause is a JOIN ... ON *SearchCondition3* clause.

2229	MESSAGE	Duplicate column ! found in USING clause of JOIN. (DBERR 2229)
	CAUSE	There is more than one column with the same name in the USING (*ColumnList*) clause of an explicit join.
	ACTION	Remove the duplicate column name from the USING (*ColumnList*) clause of the explicit join.

2230	MESSAGE	Maximum number of parameters (!) exceeded in procedure !.!. (DBERR 2230)
	CAUSE	The number of parameters you specified in the CREATE PROCEDURE statement was greater than the maximum number allowed.
	ACTION	Issue the CREATE PROCEDURE statement again, limiting the number of parameters to 255 or fewer.

2231	MESSAGE	Procedure parameter data type may not be a LONG data type. (DBERR 2231)
	CAUSE	You specified a LONG data type as the parameter data type in a CREATE PROCEDURE statement.
	ACTION	Issue the statement again, specifying only a valid (non-LONG) data type for each parameter.

2232	MESSAGE	Duplicate parameter !. (DBERR 2232)
	CAUSE	You specified a parameter name twice in the CREATE PROCEDURE statement.
	ACTION	Issue the statement again, specifying unique parameter names.

2233	MESSAGE	OUTPUT specified for a parameter not declared as OUTPUT. (DBERR 2233)
	CAUSE	In the EXECUTE PROCEDURE statement, you specified OUTPUT for a non- OUTPUT parameter.
	ACTION	Re-issue the EXECUTE PROCEDURE statement, specifying OUTPUT only for parameters that were declared as OUTPUT parameters in the CREATE PROCEDURE statement. If necessary, recreate the procedure specifying OUTPUT for this parameter.

2234	MESSAGE	No value was provided for non-nullable parameter ! in procedure !.!. (DBERR 2234)
	CAUSE	A parameter declared as NOT NULL in the CREATE PROCEDURE statement was not provided with a value in the EXECUTE PROCEDURE statement.
	ACTION	Re-issue the EXECUTE PROCEDURE statement, providing a value for each parameter declared as NOT NULL.

2235	MESSAGE	Error occurred executing procedure !.! statement !. (DBERR 2235)
	CAUSE	An error occurred during procedure execution.
	ACTION	Refer to the accompanying error message. Use the statement number to determine which procedure statement caused the error.

2236	MESSAGE	Doubly defined LABEL !. (DBERR 2236)
	CAUSE	You used the same label more than once in a CREATE PROCEDURE statement.
	ACTION	Remove the duplicate label definition, and reissue the CREATE PROCEDURE statement.

2237	MESSAGE	Undefined LABEL !. (DBERR 2237)
	CAUSE	You refer to an undefined label in a GOTO statement in the CREATE PROCEDURE statement.
	ACTION	Define the label within the CREATE PROCEDURE statement.

2238	MESSAGE	Error occurred during evaluation of the condition in an IF or WHILE statement or the expression in a parameter or variable assignment. Procedure execution terminated. (DBERR 2238)
	CAUSE	An error occurred in evaluating the condition or expression.
	ACTION	Refer to the accompanying error message for additional information.

2239	MESSAGE	Procedure !.! not found. (DBERR 2239)
	CAUSE	The procedure you specified in the statement does not exist in the DBEnvironment.
	ACTION	Check your spelling of the procedure name and the procedure's owner name against the content of the CATALOG.PROCEDURE view. If you still receive this error, ask your database administrator to check the SYSTEM.PROCEDURE view to make sure the specified procedure does exist.

2240	MESSAGE	Procedure !.! already exists. (DBERR 2240)
	CAUSE	The procedure you specified in the CREATE PROCEDURE statement already exists in the DBEnvironment.
	ACTION	Create the procedure with a different name and/or owner name.

2241	MESSAGE	Too many parameter values provided for procedure !.!. (DBERR 2241)
	CAUSE	In the EXECUTE PROCEDURE statement, you provided a greater number of parameter values than the number of parameters in the procedure.
	ACTION	Check the procedure specification or the parameter descriptions in SYSTEM.PARAMETER. Reissue the EXECUTE PROCEDURE statement, providing no more parameter values than the number in the procedure.

2242	MESSAGE	Error(s) occurred processing statement ! during procedure creation/validation. (DBERR 2242)
	CAUSE	One or more errors occurred while processing an SQL statement in a procedure. The statement was not stored as an invalid section, since it can never be validated. The procedure was not created.
	ACTION	Use the statement number in the message to determine which procedure statement generated the error. Refer to the accompanying messages for more information.

2243	MESSAGE	Execution of procedure of !.! was invalidated. (DBERR 2243)
	CAUSE	The procedure executed a statement that invalidated any further execution of the procedure, such as DROP PROCEDURE or TRANSFER OWNERSHIP of the procedure.
	ACTION	Modify the procedure definition if you did not intend to invalidate the procedure during its execution. Otherwise, no action is required.

2244	MESSAGE	Invalid parameter name ! provided for procedure !.!. (DBERR 2244)
	CAUSE	The name of a parameter in the EXECUTE PROCEDURE statement is not defined in the parameter list of the CREATE PROCEDURE statement.
	ACTION	Check the parameter lists of both the EXECUTE PROCEDURE statement and the CREATE PROCEDURE statement and ensure that the two lists match. Then reissue the EXECUTE PROCEDURE statement.

2245	MESSAGE	OUTPUT ONLY specified for a parameter not declared as OUTPUT ONLY. (DBERR 2245)
	CAUSE	You specified OUTPUT ONLY for a parameter in an EXECUTE PROCEDURE statement, but the parameter was not declared OUTPUT ONLY in the CREATE PROCEDURE statement.
	ACTION	Re-issue the EXECUTE PROCEDURE statement, specifying OUTPUT instead of OUTPUT ONLY. Be sure to initialize the parameter value.

2246	MESSAGE	Number of items in select list does not match number of result columns for procedure. (DBERR 2246)
	CAUSE	The select list in a procedure SELECT statement with no INTO clause is incompatible with the format specified in the WITH RESULT clause of the CREATE PROCEDURE statement.
	ACTION	Re-write the CREATE PROCEDURE statement, either omitting the WITH RESULT clause, or ensuring that all multiple row result sets returned from the procedure are compatible with the format specified.

2247	MESSAGE	The KEEP option is not allowed for a procedure cursor. (DBERR 2247)
	CAUSE	The KEEP option was included on an OPEN cursor command, but the cursor was defined on an EXECUTE PROCEDURE statement.
	ACTION	Re-issue the OPEN command, omitting the KEEP option.

2248	MESSAGE	The ADVANCE statement is allowed only for a procedure cursor. (DBERR 2248)
	CAUSE	The ADVANCE statement was issued against a cursor, but the cursor was not defined on an EXECUTE PROCEDURE statement.
	ACTION	There is no need for the ADVANCE statement for a non-procedure cursor. Use the OPEN, FETCH, and CLOSE statements.

2249	MESSAGE	Duplicate column found in update set columns. (DBERR 2249)
	CAUSE	The same column was specified twice in the SET clause of the UPDATE statement.
	ACTION	Remove one of the duplicate column assignments.

2250	MESSAGE	CHECK constraint ! on column ! references other columns. (DBERR 2250)
	CAUSE	The named CHECK constraint you defined on a single column contains references to other columns.
	ACTION	Either remove the references to the other columns, or make the check constraint a table level check constraint.

2251	MESSAGE	CHECK constraint ! contains host variables. (DBERR 2251)
	CAUSE	You defined the named CHECK constraint with host variables in it.
	ACTION	Remove the host variable from your CHECK constraint.

2252	MESSAGE	CHECK constraint ! contains aggregate functions. (DBERR 2252)
	CAUSE	You defined the named CHECK constraint with aggregate functions in it.
	ACTION	Remove the aggregate from your CHECK constraint.

2253	MESSAGE	CHECK constraint ! contains subqueries. (DBERR 2253)
	CAUSE	You defined the named CHECK constraint with subqueries in it.
	ACTION	Remove the subquery from your CHECK constraint.

2254	MESSAGE	Table CHECK constraint violated. (DBERR 2254)
	CAUSE	A table CHECK constraint on the target table of the INSERT or UPDATE was violated during its execution.
	ACTION	Identify the constraint violated and determine the proper value for the INSERT or UPDATE.

2255	MESSAGE	View CHECK OPTION constraint violated. (DBERR 2255)
	CAUSE	A check constraint on the view named for the INSERT or UPDATE was violated during its execution.
	ACTION	Identify the view definition violated (under the topmost WITH CHECK OPTION view) and determine the proper value for the INSERT or UPDATE.

2256	MESSAGE	CHECK constraint ! invalid. (DBERR 2256)
	CAUSE	The named CHECK constraint will not be executable and so is not valid.
	ACTION	Identify the problem with the CHECK constraint by examining the error or errors prior to this one. Correct the problem of those errors in order to make the CHECK constraint executable.

2257	MESSAGE	View defined WITH CHECK OPTION contains non-updatable query. (DBERR 2257)
	CAUSE	The view definition cannot be part of a WITH CHECK OPTION since no INSERT or UPDATE can be applied to the view.
	ACTION	Either remove the WITH CHECK OPTION clause or modify the view definition to make it updatable. Refer to the *ALLBASE/SQL Reference Manual* for a definition of updatable views.

2258	MESSAGE	!.! (!) is not a procedure cursor. (DBERR 2258)
	CAUSE	The USING clause was included in a CLOSE cursor statement, but the cursor was not defined on an EXECUTE PROCEDURE statement.
	ACTION	Re-issue the CLOSE statement, omitting the USING clause, or re-issue the CLOSE statement with the USING clause, specifying the correct cursor name.

2259	MESSAGE	The RESULT option is allowed only for a procedure returning results. (DBERR 2258)
	CAUSE	The RESULT option was specified in a DESCRIBE statement, but the statement described is not an EXECUTE PROCEDURE statement.
	ACTION	For statements other than EXECUTE PROCEDURE, the DESCRIBE RESULT statement is not necessary. If the sqlmproc field of the SQLDA is 0 after DESCRIBE OUTPUT, there is no need to DESCRIBE RESULT.

2260	MESSAGE	Unnamed CHECK constraint on column ! references other columns. (DBERR 2260)
	CAUSE	You defined an unnamed CHECK constraint on a single column contains references to other columns.
	ACTION	Identify the unnamed constraint which fits this condition and either remove the references to the other columns or make the check constraint a table level check constraint.

2261	MESSAGE	Unnamed CHECK constraint contains host variables. (DBERR 2261)
	CAUSE	You defined an unnamed CHECK constraint with host variables in it.
	ACTION	Identify the unnamed constraint which fits this condition and remove the host variables from that CHECK constraint.

2262	MESSAGE	Unnamed CHECK constraint contains aggregate functions. (DBERR 2262)
	CAUSE	You defined an unnamed CHECK constraint with aggregate functions in it.
	ACTION	Identify the unnamed constraint which fits this condition and remove the aggregate functions from that CHECK constraint.
2263	MESSAGE	Unnamed CHECK constraint contains subqueries. (DBERR 2263)
	CAUSE	You defined an unnamed CHECK constraint with subqueries in it.
	ACTION	Identify the unnamed constraint which fits this condition and remove the subqueries from it.
2264	MESSAGE	Input value provided for OUTPUT ONLY parameter. (DBERR 2264)
	CAUSE	In the EXECUTE PROCEDURE statement, an actual parameter was provided for an OUTPUT ONLY parameter, but OUTPUT ONLY was not specified.
	ACTION	Re-issue the EXECUTE PROCEDURE statement, either omitting the actual parameter completely, or passing an OUTPUT ONLY host variable for the actual parameter.
2265	MESSAGE	DEFAULT value provided for OUTPUT ONLY parameter !. (DBERR 2265)
	CAUSE	In the CREATE PROCEDURE statement, a default value was provided for an OUTPUT ONLY parameter.
	ACTION	Re-issue the CREATE PROCEDURE statement, either omitting the default value, or specifying OUTPUT rather than OUTPUT ONLY.

2266	MESSAGE	Unnamed CHECK constraint invalid. (DBERR 2266)
	CAUSE	An unnamed CHECK constraint will not be executable and so is not valid.
	ACTION	Identify the unnamed constraint which fits this condition and identify the problem with this CHECK constraint by examining the error or errors prior to this one. Correct the problem of those errors in order to make the CHECK constraint executable.
2267	MESSAGE	Column ! must allow nulls since table !.! is not empty. (DBERR 2267)
	CAUSE	A NOT NULL specification in an ALTER TABLE statements requires that the table be empty, or that a non-null DEFAULT clause be used.
	ACTION	Include a non-null DEFAULT clause.
2268	MESSAGE	CONSTRAINT !.! for table ! not found. (DBERR 2268)
	CAUSE	*ConstraintID* specified is not a valid *constraintID* stored in the database.
	ACTION	Re-issue the DROP CONSTRAINT statement with a valid ConstraintID.
2269	MESSAGE	PRIMARY KEY can not be dropped since it is referenced by a FOREIGN KEY. (DBERR 2269)
	CAUSE	PRIMARY KEY constraints can only be dropped when they are not being referenced by any FOREIGN KEY.
	ACTION	Verify whether you want to drop the FOREIGN KEY references before executing this statement again.
2270	MESSAGE	PRIMARY KEY already exists in table !.!. (DBERR 2270)
	CAUSE	A PRIMARY KEY is already defined in the table, and only 1 PRIMARY KEY is allowed in a table.
	ACTION	You may want to drop the defined PRIMARY KEY if it is not the intended PRIMARY KEY for this table.

2275	MESSAGE	Referenced table in foreign key cannot be a view (!.!). (DBERR 2275)
	CAUSE	The table named in a REFERENCES clause was a view.
	ACTION	Change the table to the base table on which the view is based.

2276	MESSAGE	User/group ! is using ! authority to support a foreign key. (DBERR 2276)
	CAUSE	You attempted to revoke an authority which is currently depended on by the specified user, class or group (directly or indirectly) to authorize a foreign key.
	ACTION	Re-issue the revoke with CASCADE specified, or have your DBA or the owner of the foreign key remove the table in which the foreign key resides, or remove the foreign key (using DROP TABLE or DROP CONSTRAINT) and then reissue the revoke.

2277	MESSAGE	Table !.! does not have a primary key, or number of columns in primary key does not match number in foreign key. (DBERR 2277)
	CAUSE	The table specified in a REFERENCES clause without a column list has no PRIMARY KEY to use as an implicit column list, or the number of columns in the PRIMARY KEY does not match the number specified in the foreign key list.
	ACTION	Specify a column list with the table referenced, or check the number of columns in the primary key of the table referenced.

2278	MESSAGE	Referenced column list does not match any UNIQUE or PRIMARY KEY constraint in table !.!. (DBERR 2278)
	CAUSE	The column list given for a table in a REFERENCES clause does not match any candidate key defined on the table.
	ACTION	Check the order of the columns, as they must exactly match the order of the candidate key columns. Specify a referenced column list in the same order as some candidate key in the referenced table.

2279	MESSAGE	User ! does not have ! authority on needed columns of table/view !.!. (DBERR 2279)
	CAUSE	You do not have the authority to access the columns of a table.
	ACTION	Check with the database administrator for the needed authority, sign on as a user with the required authority.

2280	MESSAGE	PRIMARY KEY/UNIQUE constraint with HASH index can not be dropped. (DBERR 2280)
	CAUSE	You attempted to drop a constraint that was used in the HASH ON CONSTRAINT clause in the CREATE TABLE statement. These constraints cannot be dropped without dropping the whole table.
	ACTION	Check the constraint type in SYSTEM.CONSTRAINT and ensure that the type of the constraint is not "H", for hash.

2281	MESSAGE	Maximum number of columns allowed in a UNIQUE/PRIMARY KEY/FOREIGN KEY is !. (DBERR 2281)
	CAUSE	The unique or referential constraint exceeds the maximum number of columns allowed in a unique or referential constraint.
	ACTION	Define the unique or referential constraint on columns within this limit.

2282	MESSAGE	UNIQUE/PRIMARY KEY/FOREIGN KEY length exceeds maximum length (! bytes). (DBERR 2282)
	CAUSE	Key length exceeds the maximum.
	ACTION	Define referential constraints which are within the key length limit specified in the database administrator guide.

2283	MESSAGE	Duplicate column name ! in UNIQUE/PRIMARY KEY/FOREIGN KEY column list. (DBERR 2283)
	CAUSE	You specified a column name more than once in a column list of a unique or referential constraint.
	ACTION	Re-issue the CREATE TABLE statement without duplicate column names in the UNIQUE/PRIMARY KEY/FOREIGN KEY column lists.

2284	MESSAGE	Invalid data type ! found in column ! specified in a UNIQUE/PRIMARY KEY/FOREIGN KEY constraint column list. (DBERR 2284)
	CAUSE	A column found in a unique or foreign key column list is of an invalid data type.
	ACTION	Re-issue the statement using columns of the allowed data types in your constraints.

2285	MESSAGE	FOREIGN KEY column ! data type ! doesn't match data type ! of referenced column. (DBERR 2285)
	CAUSE	A pair of corresponding columns in the referencing column list and referenced column list of a foreign key constraint have data types which are incompatible for referential constraints.
	ACTION	Check the data types of the corresponding columns in your foreign key constraint declarations and make sure they are the same data type.

2286	MESSAGE	UNIQUE/PRIMARY KEY/FOREIGN KEY column ! not defined in CREATE/ALTER TABLE. (DBERR 2286)
	CAUSE	The named column appears in an integrity constraint but was not defined in the CREATE TABLE.
	ACTION	Re-issue the command with referential constraints defined on columns being defined in the statement.

2287	MESSAGE	Cannot drop a table with a UNIQUE/PRIMARY KEY constraint supporting another table's FOREIGN KEY constraint. (DBERR 2287)
	CAUSE	You tried to drop a table with a UNIQUE or PRIMARY KEY constraint. This constraint supports a foreign key in another table.
	ACTION	You cannot drop the table until the foreign key reference is dropped.

2288	MESSAGE	Unique constraints with identical unique column lists specified. (DBERR 2288)
	CAUSE	Table contains duplicate unique constraints.
	ACTION	Re-issue command without redundant unique constraints.

2289	MESSAGE	User ! is using membership in group ! to support a foreign key. (DBERR 2289)
	CAUSE	You attempted to remove the specified user from a group, and that user has created a foreign key using authorities granted to the group.
	ACTION	Locate and drop the tables created by the user with foreign keys, then reissue the REMOVE FROM GROUP.

2290	MESSAGE	Group ! is being used to support a foreign key. (DBERR 2290)
	CAUSE	The group or its members own a table containing a foreign key, and that foreign key was allowed to exist due to authorities granted to the group. Dropping the group would remove the authority for the foreign key.
	ACTION	Locate and drop the tables with foreign keys created by group members, then reissue the DROP GROUP.

2291	MESSAGE	2291 Constraint !.! already exists. (DBERR 2291)
	CAUSE	A constraint by the specified name already exists, and therefore the CREATE TABLE/TRANSFER OWNERSHIP statement cannot be completed.
	ACTION	If TRANSFER OWNERSHIP, transfer the table to a different user. If CREATE TABLE, reissue the command with unique constraint names. Or, drop the table with the conflicting constraint name.

2292	MESSAGE	INSERT/UPDATE/DELETE statement had no effect due to execution errors. (DBERR 2292)
	CAUSE	No rows were added, altered or removed by your statement because of an error during execution. Examine the accompanying error messages to determine the cause.
	ACTION	Determine the row(s) causing the error and remove them from the statement's field of effect before reissuing the command. This can be done by restricting the WHERE clause of an UPDATE, DELETE, or format 2 INSERT, or removing the offending rows from a bulk insert.

2293	MESSAGE	FOREIGN KEY constraint violated. (DBERR 2293)
	CAUSE	The statement you issued attempted to modify the data in a way not allowed by a referential constraint on the target table. You cannot delete or modify a primary key row if a foreign key row references it. You cannot insert or modify a foreign key row if there will be no matching primary key row unless the rows contain NULL values.
	ACTION	Determine the row causing the violation by examining the constraints of the target table, and reissue the statement with restrictions so that the offending rows are not within it.

2294	MESSAGE	UNIQUE/PRIMARY KEY column ! must specify NOT NULL. (DBERR 2294)
	CAUSE	You must define all columns in a UNIQUE/PRIMARY KEY in the CREATE TABLE statement as NOT NULL.
	ACTION	Re-issue the CREATE TABLE specifying NOT NULL for all columns in a UNIQUE/PRIMARY KEY constraint.

2295	MESSAGE	Index uniqueness or UNIQUE/PRIMARY KEY/FOREIGN KEY constraint violated. (DBERR 2295)
	CAUSE	You tried to insert a duplicate key value into a column used in a unique index or a unique constraint, or you attempted to insert, update, or delete a unique constraint or foreign key constraint in a manner which would leave a foreign key value without a matching primary key value.
	ACTION	A foreign key value may be set to NULL until the correct primary key value is placed in the unique constraint it references; or a duplicate unique constraint/unique index violation can be determined. Once this is done, the command may be reissued without the offending rows.

2296	MESSAGE	Data type for LIKE predicate column must be CHAR or VARCHAR. (DBERR 2296)
	CAUSE	The data type of the LIKE predicate column is not a CHAR or VARCHAR.
	ACTION	Modify the query to have a CHAR or VARCHAR data type column on the LIKE predicate.

2297	MESSAGE	FOREIGN KEY column ! data type DECIMAL(!,!) doesn't match PRIMARY KEY data type DECIMAL(!,!). (DBERR 2297)
	CAUSE	You entered a value in the referencing column which has a different precision and scale than the precision and scale of the PRIMARY KEY referenced column.
	ACTION	Check the precision and scale of the PRIMARY KEY and change the value entered in the referencing column to match it.

2300	MESSAGE	User ! does not have ! authorization. (DBERR 2300)
	CAUSE	The DBEUserID under which the command was executed does not have the authority (DBA, RESOURCE, or CONNECT) to execute the command.
	ACTION	Contact your database administrator to get the required authority or sign on as a user who does have the required authority.

2301	MESSAGE	User ! does not have ! authority on !.!. (DBERR 2301)
	CAUSE	The DBEUserID does not have the required table or view authority to execute the command.
	ACTION	Contact your database administrator to get the required authority or sign on as a user who does have the required authority.

2302	MESSAGE	User ! does not have ! authority on column !.!.!. (DBERR 2302)
	CAUSE	You do not have the specified authority needed to access the column. UPDATE is needed in the UPDATE statement, or REFERENCES is needed in the CREATE TABLE statement.
	ACTION	Contact your database administrator to get the required authority or sign on as a user who does have the required authority.

2303	MESSAGE	User ! does not have OWNER or DBA authority. (DBERR 2303)
	CAUSE	The command requires either OWNER or DBA authority.
	ACTION	Refer to the *ALLBASE/SQL Database Administration Guide* and the *ALLBASE/SQL Reference Manual* for statements requiring special authority. Contact your database administrator to get the required authority.

2304	MESSAGE	Cannot revoke DBA authority from session owner !. (DBERR 2304)
	CAUSE	You tried to REVOKE DBA authority from yourself.
	ACTION	Refer to the *ALLBASE/SQL Database Administration Guide* for additional information on when you can revoke DBA authority.

2305	MESSAGE	Use REVOKE ! to revoke GRANT !. (DBERR 2305)
	CAUSE	The DBEUserID was granted the specified authority (UPDATE or REFERENCES) on all columns using the GRANT statement without specifying column names. You tried to revoke the authority on individual columns in the table.
	ACTION	Revoke the authority on all columns using the REVOKE statement without specifying column names. If you want the user to have the authority on some columns of the table, issue the GRANT statement specifying the appropriate column names.

2306	MESSAGE	Special GRANT/REVOKE disallowed for reserved user !. (DBERR 2306)
	CAUSE	The DBEUserID specified in the GRANT or REVOKE statement is a reserved user (PUBLIC, TEMP, SYSTEM, HPRDBSS). The GRANT or REVOKE statement is ignored.
	ACTION	Refer to the *ALLBASE/SQL Database Administration Guide* explanation of reserved users and their purposes.

2307	MESSAGE	User ! does not have OWNER authority. (DBERR 2307)
	CAUSE	The TRANSFER OWNERSHIP and DROP VIEW statements are not allowed on system views.
	ACTION	No action is necessary. Refer to the *ALLBASE/SQL Database Administration Guide* for additional information on system views.

2308	MESSAGE	Reserved user ! cannot be added to a group. (DBERR 2308)
	CAUSE	You attempted to add a RESERVED user (PUBLIC, SYSTEM, TEMP, or HPRDBSS) to a group using the ADD GROUP statement.
	ACTION	No action is necessary. Refer to the *ALLBASE/SQL Database Administration Guide* for an explanation of reserved users and their purposes.

2309	MESSAGE	User ! neither has DBA authority nor is a member of group !. (DBERR 2309)
	CAUSE	The AuthorizationName is different than the DBEUserID executing the CREATE SCHEMA statement. You do not have DBA authority, nor are you a member of a group whose name is the AuthorizationName specified in the CREATE SCHEMA statement.
	ACTION	Ensure that you have proper authorization to execute the CREATE SCHEMA statement.

2310	MESSAGE	User ! does not have DBA authority. (DBERR 2310)
	CAUSE	GRANT with BY clause done by someone without DBA authority.
	ACTION	This command requires DBA authority to be performed.

2311	MESSAGE	Group ! not found. (DBERR 2311)
	CAUSE	The group name specified in the DROP GROUP, ADD TO GROUP, or REMOVE FROM GROUP statement, does not exist in the DBEnvironment.
	ACTION	Check your spelling. If you still receive this error, ask your database administrator to check the SYSTEM.GROUP view to determine if the group exists in the DBEnvironment.

2312	MESSAGE	User or group ! already exists. (DBERR 2312)
	CAUSE	The user or group name specified in the CREATE GROUP statement already exists in the DBEnvironment.
	ACTION	Issue the command again, specifying a unique user or group name.

2313	MESSAGE	User ! not found in group !. (DBERR 2313)
	CAUSE	The DBEUserID specified in the REMOVE FROM GROUP statement does not exist in the specified group.
	ACTION	Check your spelling. If you still receive this error, ask your database administrator to check the SYSTEM.GROUP view to make sure that the specified user does exist in the group.

2314	MESSAGE	User ! already a member of group !. (DBERR 2314)
	CAUSE	The DBEUserID in the ADD command is already a member of the group.
	ACTION	No action is necessary.

2315	MESSAGE	User or group ! conflicts with existing !. (DBERR 2315)
	CAUSE	The group name specified in the CREATE GROUP statement is already being used as a DBEUserID or group name in the manner specified in the second parameter; or a CONNECT was attempted with a DBEUserID equivalent to an existing group name.
	ACTION	Remove the existing usage before re-issuing the CREATE GROUP, or issue it with a different group name; or drop the group to permit the connection; or do not attempt to CONNECT with that DBEUserID.

2316	MESSAGE	User or group ! owns object(s) in the DBEnvironment. (DBERR 2316)
	CAUSE	The DBEUserID or group specified in the DROP command is the owner name of either tables, views, modules, or groups in the DBEnvironment.
	ACTION	Drop the objects or transfer ownership to another DBEUserID or group before dropping the user or group.

2317	MESSAGE	User or group ! is (indirect) member of group !. (DBERR 2317)
	CAUSE	You tried to add a group (or user) to a group which is already a member of the group you tried to add.
	ACTION	No action is necessary. If you specified more than one user or group in the ADD TO GROUP statement, the valid names were processed and the invalid names were ignored.

2318	MESSAGE	Cannot add group ! to itself. (DBERR 2318)
	CAUSE	You tried to add a group (or user) to itself.
	ACTION	Issue the command again, specifying a set of unique group or user names which does not include the target group name.

2319	MESSAGE	Cannot remove group ! from itself. (DBERR 2319)
	CAUSE	You tried to remove a group from itself.
	ACTION	Issue the command again, specifying a set of group names which does not include the target group name.

2321	MESSAGE	CONNECT disallowed. Group ! already exists. (DBERR 2321)
	CAUSE	A group name that is the same as your DBEUserID name exists in the DBEnvironment.
	ACTION	Login using a different login id. Ask your database administrator to change the group name to something different from your login id so that this problem will not occur in the future.

2322	MESSAGE	User ! already has ! authorization on !.! from a different grantor. (DBERR 2322)
	CAUSE	Attempted to GRANT the specified authority to a user who has the authority from another grantor already, and you would not be able to revoke that authority.
	ACTION	Repeat the GRANT without that user and/or authorization.

2323	MESSAGE	User ! already has ! authorization on !.!.! from a different grantor. (DBERR 2323)
	CAUSE	Attempted to GRANT the specified authority to a user who has the authority from another grantor already, and you would not be able to revoke that authority.
	ACTION	Repeat the GRANT without that user and/or authorization.

2324	MESSAGE	Cannot revoke ! authorization from ! on !.! without CASCADE. (DBERR 2324)
	CAUSE	Attempted to REVOKE the specified authority from a user who has used the grantability of that authority to grant to another user.
	ACTION	Use REVOKE CASCADE if you wish to remove all the grants that user has cascaded on the authority, or get a DBA to perform the revoke on that user (this will leave all of that user's grants intact). The DBA should use the BY option of the REVOKE statement to avoid an orphaned privilege.

2325	MESSAGE	Cannot revoke ! authorization from user ! on !.!.! without CASCADE. (DBERR 2325)
	CAUSE	Attempted to REVOKE the specified authority from a user who has used the grantability of that authority to grant to another user.
	ACTION	Use REVOKE CASCADE if you wish to remove all the grants that user has cascaded on the authority, or get a DBA to perform the revoke on that user (this will leave all of that user's grants intact).

2326	MESSAGE	GRANT of ! authority to ! on !.! causes a cycle. (DBERR 2326)
	CAUSE	Attempted to GRANT the specified authority which would cause a cycle of grants in the authority list.
	ACTION	Examine the chain of grants to determine if the cycle can be broken, or have someone else perform the grant (if their doing so would not cause a cycle).

2327	MESSAGE	GRANT of ! authority to ! on !.!.! causes a cycle. (DBERR 2327)
	CAUSE	Attempted to GRANT the specified authority which would cause a cycle of grants in the authority list.
	ACTION	Examine the chain of grants to determine if the cycle can be broken, or have someone else perform the grant (if their doing so would not cause a cycle).

2328	MESSAGE	User ! does not have direct `OWNER, DBA, or GRANTABLE` ! authority on !.!. (DBERR 2328)
	CAUSE	Attempted to GRANT the specified authority WITH GRANT OPTION, but did not have the direct authority needed to do so.
	ACTION	To grant WITH GRANT OPTION, the user must be authorized to grant directly, not through group membership. Have the system administrator or table owner grant you the authority with the grant option directly, or perform the grant you wish done.

2329	MESSAGE	User ! does not have direct `OWNER, DBA, or GRANTABLE` ! authority on !.!.!. (DBERR 2329)
	CAUSE	Attempted to GRANT the specified authority WITH GRANT OPTION, but did not have the direct authority needed to do so.
	ACTION	To grant WITH GRANT OPTION, the user must be authorized to grant directly, not through group membership. Have the system administrator or table owner grant you the authority with the grant option directly, or perform the grant you wish done.

2330	MESSAGE	Group ! not allowed to grant privileges. (DBERR 2330)
	CAUSE	Between the time the GRANT was compiled and executed, the user performing the GRANT became a group. GRANTs cannot be performed by groups, due to the need to store the user name of the grantor.
	ACTION	Drop the group or re-perform the GRANT with a valid user name.

2331	MESSAGE	Group ! cannot be granted privileges WITH GRANT OPTION. (DBERR 2331)
	CAUSE	You attempted to grant WITH GRANT OPTION to a group.
	ACTION	Repeat the grant without the specified group, or without WITH GRANT OPTION.

2332	MESSAGE	User not authorized to revoke ! on !.! from user/group !. (DBERR 2332)
	CAUSE	You are not the OWNER, DBA, or grantor of the specified privilege on the specified table to the specified user/group.
	ACTION	Have the system administrator determine the grantor of the privilege and have that person perform the revoke, or have the table owner or a DBA perform the revoke.

2333	MESSAGE	User not authorized to revoke ! on !.!.! from user !. (DBERR 2333)
	CAUSE	You are not the OWNER, DBA, or grantor of the specified privilege on the specified column to the specified user/group.
	ACTION	Have the system administrator determine the grantor of the privilege and have that person perform the revoke, or have the table owner or a DBA perform the revoke.

2334	MESSAGE	GRANT/REVOKE of ALTER/INDEX/REFERENCES authority not allowed on a view (!.!). (DBERR 2334)
	CAUSE	You attempted to GRANT or REVOKE one of the privileges ALTER, INDEX, or REFERENCES on the specified view.
	ACTION	Repeat the command without any of the privileges listed above.

2335	MESSAGE	User ! already has ! authorization on !.! with a different grantability. (DBERR 2335)
	CAUSE	You attempted to re-grant an authority with a different grantability (WITH GRANT OPTION was specified on only one of the grants).
	ACTION	Re-issue the grant without the specified authorization, or revoke the specified authorization and then reissue the grant.

2336	MESSAGE	User ! already has ! authorization on !.!.! with a different grantability. (DBERR 2336)
	CAUSE	You attempted to re-grant an authority with a different grantability (WITH GRANT OPTION was specified on only one of the grants).
	ACTION	Re-issue the grant without the specified authorization, or revoke the specified authorization and then reissue the grant.
2337	MESSAGE	User ! already has ! authorization on columns of !.! with a different grantability. (DBERR 2337)
	CAUSE	You attempted to grant a table level authority with a different grantability from an existing column level authority which this would override (WITH GRANT OPTION was specified on only one of the grants).
	ACTION	Re-issue the grant without the specified authorization, or revoke the specified authorization and then reissue the grant.
2338	MESSAGE	User ! does not have OWNER, DBA, or direct GRANTABLE ! authority on !.!. (DBERR 2338)
	CAUSE	You attempted to perform a GRANT WITH GRANT OPTION or REVOKE of the specified authority without having the authority to do so.
	ACTION	You need to have OWNER, DBA, or have been granted the authority WITH GRANT OPTION in order to perform a GRANT WITH GRANT OPTION or REVOKE of the authority.
2339	MESSAGE	User ! does not have OWNER, DBA, or direct GRANTABLE ! authority on !.!.!. (DBERR 2339)
	CAUSE	You attempted to perform a GRANT WITH GRANT OPTION or REVOKE of the specified authority without having the authority to do so.
	ACTION	You need to have OWNER, DBA, or have been granted the authority WITH GRANT OPTION in order to perform a GRANT WITH GRANT OPTION or REVOKE of the authority.

2340	MESSAGE	User ! already has ! authorization on columns of !.! from a different grantor. (DBERR 2340)
	CAUSE	You attempted to GRANT the specified authority on the table level, and were unable to override column level authorities on that table from another grantor.
	ACTION	Only the DBA, OWNER, or direct grantor can override column level authorities with table level authority. Have such a user perform your grant, or reissue your grant without the specified user and/or authority.

2341	MESSAGE	TRANSFER OWNERSHIP of !.! to ! causes a cycle of ! authority. (DBERR 2341)
	CAUSE	Attempted to transfer a table upon which the specified authority existed, and that transfer would cause a cycle of grants in the authority list for that authority on that table.
	ACTION	Examine the chain of grants to determine if the cycle can be broken, or transfer the table to a different user (if doing so would not cause a cycle).

2342	MESSAGE	TRANSFER OWNERSHIP of !.! to ! causes a cycle of ! authority on column !. (DBERR 2342)
	CAUSE	Attempted to transfer a table upon which the specified authority existed, and that transfer would cause a cycle of grants in the authority list for that authority on that table.
	ACTION	Examine the chain of grants to determine if the cycle can be broken, or transfer the table to a different user (if doing so would not cause a cycle).

2343	MESSAGE	User ! does not have authority to install modules for owner !. (DBERR 2343)
	CAUSE	The user specified does not have the required authority.
	ACTION	Use the GRANT INSTALL AS *OwnerID* TO *DBEUserID* statement to give the proper authority to the user.

2346	MESSAGE	User ! does not explicit INSTALL AS ! authority. (DBERR 2346)
	CAUSE	The user specified does not have INSTALL authority for this owner.
	ACTION	Use the GRANT INSTALL statement to grant INSTALL AS authority to the user.

2347	MESSAGE	User ! does not have INSTALL ! authority. (DBERR 2347)
	CAUSE	The user specified does not have any INSTALL authority.
	ACTION	Use the GRANT INSTALL AS *OwnerID* TO *DBEUserID* statement to grant INSTALL authority to the user.

2350	MESSAGE	!
	CAUSE	A RAISE ERROR statement was specified without an error number or with an error number of 2350.
	ACTION	See the Section "User Defined Error Messages" in the "Introduction" for discussion of RAISE ERROR generated errors. Examine the error text to determine the action to take.

2352	MESSAGE	RULE !.! WHERE condition invalid. (DBERR 2352)
	CAUSE	The named RULE definition's WHERE condition will not be executable and so is not valid.
	ACTION	Identify the problem with the RULE definition by examining the error or errors accompanying this one. Correct the problem of those errors in order to make the RULE's WHERE condition executable.

2353	MESSAGE	RULE !.! EXECUTE PROCEDURE invalid. (DBERR 2353)
	CAUSE	The named rule definition's EXECUTE PROCEDURE clause will not be executable and so is not valid.
	ACTION	Identify the problem with the rule definition by examining the error or errors accompanying this one. Correct the problem identified in those errors in order to make the rule's EXECUTE PROCEDURE clause executable.

2354	MESSAGE	Rule !.! not found. (DBERR 2354)
	CAUSE	The named rule was not found.
	ACTION	Re-issue your DROP RULE statement after verifying that the proper rule was named.

2355	MESSAGE	Rule ! not found on table !.!. (DBERR 2355)
	CAUSE	The named rule was not found on the named table.
	ACTION	Re-issue your DROP RULE statement after verifying that the proper table and rule were named, or issue the statement without the table name.

2356	MESSAGE	Rule !.! already exists. (DBERR 2356)
	CAUSE	The name of the rule given in the CREATE RULE statement is the name of an existing rule.
		or
		a TRANSFER OWNERSHIP on a table has resulted in a duplicate rule name.
	ACTION	Issue the CREATE RULE statement with a rule name unique for the table owner.

2357	MESSAGE	Name ! used for both OLD and NEW in rule !.!. (DBERR 2357)
	CAUSE	You specified the same correlation name for both the OLD and NEW correlation names.
	ACTION	Reissue the statement using the default correlation names or with distinct OLD and NEW correlation names.

2358	MESSAGE	Duplicate column ! in update column list of rule !.!. (DBERR 2358)
	CAUSE	You specified the named column more than once in the UPDATE statement type column list of your CREATE RULE statement.
	ACTION	Re-issue your CREATE RULE statement after checking that no column name is specified more than once in the UPDATE statement type column list.

2360	MESSAGE	Error number cannot be NULL for RAISE ERROR. (DBERR 2360)
	CAUSE	The error number given to the RAISE ERROR statement had the NULL value.
	ACTION	Check the value given to the RAISE ERROR statement and ensure that it is not null.

2361	MESSAGE	Error number must be positive for RAISE ERROR. (DBERR 2361)
	CAUSE	The error number given to the RAISE ERROR statement was negative or zero.
	ACTION	Check the value given to the RAISE ERROR statement and ensure that it is greater than zero.

2362	MESSAGE	Error number for RAISE ERROR must have data type INTEGER or SMALLINT. (DBERR 2362)
	CAUSE	The error number for RAISE ERROR was an invalid data type.
	ACTION	Ensure that the data type of the error number is INTEGER or SMALLINT.

2363	MESSAGE	Error text cannot be NULL for RAISE ERROR. (DBERR 2363)
	CAUSE	The error text given to the RAISE ERROR statement had the NULL value.
	ACTION	Check the value given to the RAISE ERROR statement and ensure that it is not null.

2364	MESSAGE	Error text for RAISE ERROR must have data type CHAR or VARCHAR. (DBERR 2364)
	CAUSE	The error text for RAISE ERROR was an invalid data type.
	ACTION	Ensure that the data type of the error text is CHAR or VARCHAR.

2365	MESSAGE	Deadlock detected causing rollback query. (DBERR 2365)
	CAUSE	Deadlock occurred.
	ACTION	Determine the cause of the deadlock and take appropriate actions to correct the problem. See "Resolving Conflicts among Concurrent Transactions" in the chapter "Currency Control through Locks and Isolation Levels" in the *ALLBASE/SQL Reference Manual*.

2366	MESSAGE	Timeout expired (! seconds) causing rollback query. (DBERR 2366)
	CAUSE	The timeout expired.
	ACTION	No action is required.

2367	MESSAGE	RENAME COLUMN is not allowed on a check constraint column. (DBERR 2367)
	CAUSE	A RENAME COLUMN statement was issued for a check constraint column.
	ACTION	Check constraints on a renamed column will be disallowed. Determine if an incorrect column was renamed or take other appropriate action.

2370	MESSAGE	Rule firing invalidated current section (!.!(!)). (DBERR 2370)
	CAUSE	Upon completion of a rule, the current section was found to be invalidated by actions taken by the rule.
	ACTION	Check the rules fired by the current statement and determine if the procedures they invoke invalidate sections; or take no action.

2371	MESSAGE	Rule firing invalidated user's statement. (DBERR 2371)
	CAUSE	Upon completion of the rules fired by the user's statement, the statement was found to be invalidated by actions taken by the rules.
	ACTION	Check the rules fired by the current statement and determine if the procedures they invoke invalidate sections; or take no action.

2372	MESSAGE	Maximum rule firing depth (!) exceeded. (DBERR 2372)
	CAUSE	Rules chained to a depth greater than the allowed maximum.
	ACTION	Determine the cause of exceeding the maximum rule depth; or take no action.

2373	MESSAGE	Procedure executed by rule executed ! statement. (DBERR 2373)
	CAUSE	A procedure invoked by a rule executed a COMMIT, ROLLBACK, or SAVEPOINT statement.
	ACTION	Alter the procedure to not invoke such statements when fired by a rule, or invoke a different procedure from the rule.

2390	MESSAGE	User ! does not have the authority to create HPODBSS table/view. (DBERR 2390)
	CAUSE	You attempted to create a table or view with an owner name of HPODBSS.
	ACTION	Replace HPODBSS with a non-reserved name and reissue the statement.

2400	MESSAGE	Maximum number of columns (!) exceeded on table/view !.!. (DBERR 2400)
	CAUSE	The number of columns you specified in the ALTER TABLE, CREATE TABLE, or CREATE VIEW statement was greater than the maximum number of columns allowable.
	ACTION	Issue the command again ensuring that the total number of columns does not exceed 1023.

2402	MESSAGE	Maximum number of tables per module exceeded. (DBERR 2402)
	CAUSE	The maximum number of tables for a SELECT statement has been exceeded.
	ACTION	Issue the command again, specifying no more than 31 tables.

2404	MESSAGE	Maximum number of concurrent transactions exceeded. (DBERR 2404)
	CAUSE	The maximum number of concurrent transactions has been exceeded.
	ACTION	Retry the begin transaction statement again. If it fails, ask your database administrator for assistance.

2405	MESSAGE	Index ! on table !.! has more than ! columns. (DBERR 2405)
	CAUSE	The index you specified contains more than 16 columns.
	ACTION	Check the CREATE INDEX statement to make sure that the number of columns specified is less than or equal to 16.

2406	MESSAGE	SelectList contains more than ! columns. (DBERR 2406)
	CAUSE	The number of items in the select list exceeded the maximum number allowable.
	ACTION	Check your SELECT statement to make sure that the number of items in the select list is equal to or less than 1024.

2407	MESSAGE	Length of column ! in table !.! exceeds ! bytes. (DBERR 2407)
	CAUSE	The number of bytes in the specified column exceeded the maximum number allowable.
	ACTION	Issue the CREATE TABLE statement again with the maximum number of bytes or less.

2408	MESSAGE	Tuple length of table !.! exceeds ! bytes. (DBERR 2408)
	CAUSE	You attempted to create a table with a minimum tuple length greater than the maximum allowed.
	ACTION	Reduce the minimum tuple length of the table and reissue the statement.

2409	MESSAGE	Length of index ! on table !.! exceeds ! bytes. (DBERR 2409)
	CAUSE	The index you attempted to create exceeds the maximum key length.
	ACTION	Recreate your index using a column or combination of columns that is less than the maximum number of bytes.

2410	MESSAGE	Tuple exceeded maximum length. (DBERR 2410)
	CAUSE	The maximum tuple length of 4,000 bytes has been exceeded.
	ACTION	Check your input source (e.g. load file) and the original CREATE TABLE statement to make sure that each tuple is less than or equal to 4,000 bytes long.

2411	MESSAGE	Number of sort columns (!) exceeds maximum !. (DBERR 2411)
	CAUSE	The ORDER BY, GROUP BY, or DISTINCT clause of the SELECT statement specifies a number of columns which exceeded the maximum allowable.
	ACTION	Issue the command again, specifying no more than the maximum number of sort columns. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the SELECT statement.

2412	MESSAGE	Index exceeded maximum length. (DBERR 2412)
	CAUSE	The maximum index length of 1024 bytes has been exceeded
		or
		the ORDER BY or GROUP BY clause uses a column greater than 1024 bytes.
	ACTION	Check your input source (e.g. load file) and the original CREATE INDEX command to make sure that each index entry is less than or equal to 1024 bytes long
		or
		reduce the size of the column used by the ORDER BY or GROUP BY to less than 1010 bytes.

2413	MESSAGE	Number of boolean factors in predicate expression exceeds maximum (!). (DBERR 2413)
	CAUSE	The number of factors in the WHERE clause exceeds the maximum allowed.
	ACTION	Try to reduce the number of factors.

2414	MESSAGE	Length of column ! in table !.! below minimum ! bytes. (DBERR 2414)
	CAUSE	You tried to create a LONG or CHAR column of length 0.
	ACTION	Create the column with at least the minimum length.

2415	MESSAGE	Number of operators in internal predicate exceed maximum (!). (DBERR 2415)
	CAUSE	A predicate containing one or more OR operators was too complicated. When additional factors were added to the predicate internally for optimization, the total number of operators exceeded the maximum.
	ACTION	Try to rewrite the query, simplifying the predicate as much as possible, and lowering the precedence of OR operators as much as possible.

2416	MESSAGE	Hash on table !.! has more than ! columns. (DBERR 2416)
	CAUSE	You specified a hash containing more than 16 columns.
	ACTION	Issue the CREATE TABLE statement again, specifying no more than 16 columns for the hash key.

2417	MESSAGE	Length of hash key on table !.! exceeds ! bytes. (DBERR 2417)
	CAUSE	You specified a hash key which exceeds the maximum key length.
	ACTION	Issue the CREATE TABLE statement again, specifying a hash key with length no greater than the maximum.

2418	MESSAGE	Length of parameter ! in procedure !.! exceeds ! bytes. (DBERR 2418)
	CAUSE	The number of bytes in the specified parameter exceeded the maximum allowed.
	ACTION	Issue the CREATE PROCEDURE statement again, specifying a parameter length no greater than the maximum specified.

2419	MESSAGE	Length of parameter ! in procedure !.! below minimum ! bytes. (DBERR 2419)
	CAUSE	The number of bytes in the specified parameter was less than the minimum allowed.
	ACTION	Issue the CREATE PROCEDURE statement again, specifying a parameter length no less than the minimum allowed.

2420	MESSAGE	INSERT rejected: Values do not match number of columns. (DBERR 2420)
	CAUSE	The number of values in the INSERT statement exceeded the number of columns in the INSERT list or the number of select list items did not match the number of columns in the insert list.
	ACTION	Issue the INSERT statement again, specifying a valid number of columns. Use the INFO command to get a list of columns in the table.

2421	MESSAGE	Column number exceeds number of SelectList items. (DBERR 2421)
	CAUSE	The ORDER BY clause contained a number greater than the number of select list items.
	ACTION	Issue the SELECT statement again, specifying no more columns in the ORDER BY clause than in the select list. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the SELECT statement.

2422	MESSAGE	Range violation on value !. Valid range is ! - !. (DBERR 2422)
	CAUSE	The source constant number in the query was out of its valid range
		or
		a host variable was not defined
		or
		one of the values in a format node was out of range.
	ACTION	Correct your query so that the source constant is within the valid range
		or
		make sure that the host variable has been declared
		or
		in Pascal or C programs, check the value you specified for data types in the dynamic format nodes of SQLDA.

2423	MESSAGE	Number of Selects in command exceeds maximum !. (DBERR 2423)
	CAUSE	The maximum number of Selects in a command has been exceeded.
	ACTION	Issue the command again, specifying the maximum number or fewer.

2424	MESSAGE	SelectList counts are not equal in UNION command. (DBERR 2424)
	CAUSE	The number of columns in the individual select lists in the UNION command are not the same.
	ACTION	Issue the command again with an equal number of columns in the select lists.

2425	MESSAGE	UNION operation disallowed within a Nested Query. (DBERR 2425)
	CAUSE	You tried to include a UNION operation in a nested query.
	ACTION	UNION of two nested queries is allowed but UNION cannot be within a nested query.

2426	MESSAGE	Tuple size exceeds maximum for UNION command ! bytes. (DBERR 2426)
	CAUSE	Your select list size is greater than the maximum currently allowed for a UNION command.
	ACTION	Re-issue the command with a valid tuple size.

2428	MESSAGE	Sort length of UNION exceeds maximum allowed ! bytes. (DBERR 2428)
	CAUSE	The UNION command specifies a number of columns whose total sort tuple length exceeds the maximum allowable.
	ACTION	Issue the command again, specifying no more than the maximum sort tuple length. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the SELECT statement.

2429	MESSAGE	Sort length of ORDER BY/GROUP BY/DISTINCT/UNION exceeds maximum allowed ! bytes. (DBERR 2429)
	CAUSE	The ORDER BY, GROUP BY, DISTINCT, or UNION clause of the SELECT statement specifies a number of columns whose total sort tuple length exceeds the maximum allowable.
	ACTION	Issue the command again, specifying no more than the maximum length of the sort tuple. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the SELECT statement. The maximum sort tuple size can be calculated from the formula presented in Appendix A of the *ALLBASE/SQL Database Administration Guide*.

2430	MESSAGE	Invalid decimal precision ! - Allowed range is ! - !. (DBERR 2430)
	CAUSE	The decimal precision you specified was not within the valid range.
	ACTION	Refer to the *ALLBASE/SQL Reference Manual* for valid decimal precision.

2431	MESSAGE	Invalid decimal column - Scale ! exceeds precision !. (DBERR 2431)
	CAUSE	The decimal scale was greater than the precision value.
	ACTION	Refer to the *ALLBASE/SQL Reference Manual* for valid decimal numbers.

2432	MESSAGE	Invalid float precision !- Allowed range is ! - !. (DBERR 2432)
	CAUSE	The float precision you specified was not within the valid range.
	ACTION	Refer to the *ALLBASE/SQL Reference Manual* for valid float precision.

2433	MESSAGE	Sort length of sort merge join exceeds maximum allowed ! bytes. (DBERR 2433)
	CAUSE	The sort merge join query specifies a number of columns whose total sort tuple length exceeds the maximum allowable.
	ACTION	Issue the command again, specifying no more than the maximum length of the sort tuple. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the SELECT statement.

2434	MESSAGE	Invalid section number. Valid range is ! - !. (DBERR 2434)
	CAUSE	Your command included a value that was invalid. The first parameter in the error message indicates the value that was invalid. The second and third parameters give you the valid range.
	ACTION	Re-issue your command, specifying a value within the valid range.

2435	MESSAGE	Invalid transaction priority. Valid range is ! - !. (DBERR 2435)
	CAUSE	You issued a BEGIN WORK with an invalid priority option.
	ACTION	Reissue the BEGIN WORK with a priority within the valid range.

2436	MESSAGE	Invalid decimal parameter - Scale ! exceeds precision !. (DBERR 2436)
	CAUSE	The decimal scale was greater than the precision value.
	ACTION	Refer to the "Data Types" chapter in the *ALLBASE/SQL Reference Guide* for complete information about valid decimal values.

2437	MESSAGE	Invalid decimal result - Scale ! exceeds precision !. (DBERR 2437)
	CAUSE	The scale specified was greater than the precision specified for a procedure result column.
	ACTION	Issue the CREATE PROCEDURE statement again, specifying a valid decimal result type. Refer to the ALLBASE/SQL Reference Manual for valid decimal data type specifications.

2438	MESSAGE	Length of result ! in procedure !.! exceeds ! bytes. (DBERR 2438)
	CAUSE	The number of bytes you specified for a procedure result column exceeded the maximum allowed.
	ACTION	Issue the CREATE PROCEDURE statement again, specifying a number of bytes no greater than the maximum.

2439	MESSAGE	Length of result ! in procedure !.! below minimum ! bytes. (DBERR 2439)
	CAUSE	You tried to create a procedure result column with a length of 0 bytes.
	ACTION	Issue the CREATE PROCEDURE statement again, specifying a length of at least 1 byte.

2440	MESSAGE	! should be ! to !. Number ! is invalid. (DBERR 2440)
	CAUSE	The size you specified for one or more parameters of the START DBE statement is invalid.
	ACTION	Issue the START DBE statement again, specifying valid numbers for the following parameters: DBEFile0 should be 50 to 16,777,215 pages long; DBELOG should be 250 to 16,777,215 pages long; Max Transactions should be 2 to 240 concurrent transactions; Data Buffer range is 15 to 50,000 pages and the Log Buffer range is 24 to 1024 pages.

2449	MESSAGE	TRANSFER OWNERSHIP OF MODULE is not supported. (DBERR 2449)
	CAUSE	You specified the MODULE option of the TRANSFER OWNERSHIP statement. However, the ownership of modules cannot be transferred.
	ACTION	DROP the existing modules and preprocess the program with the -o option.

2450	MESSAGE	BEGIN WORK MULTI is not supported. (DBERR 2450)
	CAUSE	You attempted to use the MULTI option for the BEGIN WORK statement.
	ACTION	You can have only one active transaction at a time. Issue a COMMIT WORK or ROLLBACK WORK statement before beginning the second transaction.

2452	MESSAGE	Clustering index not allowed on table on which hash structure has already been defined. (DBERR 2452)
	CAUSE	You tried to create a clustering B-tree index on a table on which a hash structure already existed.
	ACTION	Issue the CREATE INDEX statement again, omitting the CLUSTERING option
		or
		UNLOAD the data from the table. DROP the table. ReCREATE the table, omitting the HASH option. Issue the CREATE INDEX statement again to create a clustering B-tree index. LOAD the data.

2453	MESSAGE	Non-unique hash is not supported. (DBERR 2453)
	CAUSE	You tried to create a table with a non-unique hash structure.
	ACTION	Issue the CREATE TABLE statement again, including the UNIQUE keyword with the HASH option.

2500	MESSAGE	Cannot drop a non-empty DBEFileSet. (DBERR 2500)
	CAUSE	You attempted to DROP a DBEFileSet which has DBEFiles associated with it.
	ACTION	Before dropping the DBEFileSet, drop the DBEFiles then remove them. Remember that the DBEFiles must be empty before they can be dropped.

2501	MESSAGE	DBEFileSet has no DBEFiles. (DBERR 2501)
	CAUSE	You created a table in an empty DBEFileSet and then tried to INSERT into that table.
	ACTION	ADD a DBEFile to the DBEFileSet before attempting an INSERT statement.

2502	MESSAGE	! space exhausted in DBEFileSet !. (DBERR 2502)
	CAUSE	This message can have several meanings as follows: 1. All the space is exhausted in a DBEFileset if no expandable DBEFiles are available. 2. All fixed-length DBEFiles in the DBEFileSet have run out of space, and all expandable DBEFiles have been fully expanded. The first parameter is the setting for the DBEFile's TYPE attribute. Valid settings are INDEX, TABLE, and MIXED.
	ACTION	Add new DBEFiles of the appropriate type to the DBEFileSet. If space has been exhausted in the System.DBEFileSet during a query, try adding more tempspace and more contiguous physical disk space.

2503	MESSAGE	DBEFile not empty. (DBERR 2503)
	CAUSE	You attempted to REMOVE a non-empty DBEFile from its DBEFileSet.
	ACTION	The DBEFile must be empty before it can be removed from the DBEFileSet.

2505	MESSAGE	DBEFile size must be between ! and ! pages. (DBERR 2505)
	CAUSE	The file size you specified in the CREATE DBEFILE statement was not within the valid range.
	ACTION	Issue the CREATE DBEFILE statement again, specifying a valid file size.

2506	MESSAGE	TempSpace file size limit must be between ! and ! pages. (DBERR 2506)
	CAUSE	The file size you specified in the CREATE TEMPSPACE statement was not within the valid range.
	ACTION	Issue the CREATE TEMPSPACE statement again, specifying a valid file size.

2507	MESSAGE	DBEFile must be empty or new type must be mixed. (DBERR 2507)
	CAUSE	You attempted to ALTER a non-empty DBEFile to a type other than mixed.
	ACTION	The type of a non-empty DBEFile can be changed from TABLE or INDEX to MIXED. No other changes are allowed.

2508	MESSAGE	DBEFileSet has no DBEFile of required DBEFile type. (DBERR 2508)
	CAUSE	You tried to insert rows into a table whose DBEFileSet has only INDEX DBEFiles
		or
		you tried to create an index on a non-empty table whose DBEFileSet contains only DATA DBEFiles.
	ACTION	Ask your database administrator to CREATE and ADD the appropriate DBEFiles.

2509	MESSAGE	Index uniqueness or UNIQUE/PRIMARY KEY constraint violated. (DBERR 2509)
	CAUSE	You tried to insert a duplicate key value into a column used in a unique index or a unique constraint.
	ACTION	Issue the INSERT or UPDATE statement again without the duplicate row.

2510	MESSAGE	Table is read only. (DBERR 2510)
	CAUSE	You tried a LOCK or WRITE operation (DROP, DELETE, INSERT, LOCK TABLE, UPDATE, UPDATE STATISTICS) on a read only table.
	ACTION	No action is necessary. These operations cannot be performed on SYSTEM.CALL, SYSTEM.ACCOUNT, SYSTEM.USER, SYSTEM.COUNTER, or SYSTEM.TRANSACTION.

2511	MESSAGE	User ! does not exist. (DBERR 2511)
	CAUSE	The DBEUserId you specified in the TERMINATE USER or RESET SYSTEM.ACCOUNT command is not currently connected to the DBEnvironment.
	ACTION	Issue the command again, specifying a valid userid.

2512	MESSAGE	Session ID ! does not exist. (DBERR 2512)
	CAUSE	You attempted to terminate a session ID that does not exist, or you do not have the authority to terminate it.
	ACTION	Check that a valid session ID was used. If the session ID is valid, have your DBA issue the statement.

2513	MESSAGE	Number of primary pages must be between ! and !. (DBERR 2513)
	CAUSE	You specified a number of primary pages for the hash in the CREATE TABLE statement which was not within the valid range.
	ACTION	Issue the CREATE TABLE statement again, specifying a valid number of primary pages.

2514	MESSAGE	Hash key uniqueness or UNIQUE/PRIMARY KEY constraint violated. (DBERR 2514)
	CAUSE	You tried to insert a duplicate key value into a column used in a unique hash structure, which might be supporting a unique constraint.
	ACTION	Issue the INSERT statement again without the duplicate row.

2515	MESSAGE	DBEFile is currently associated with a DBEFileSet. (DBERR 2515)
	CAUSE	You tried to DROP a DBEFile which was associated with a DBEFileSet

or

you tried to ADD a DBEFile to a DBEFileSet which already is associated with another DBEFileSet. |
| | ACTION | You must REMOVE the DBEFile from the DBEFileSet before it can be dropped

or

you must REMOVE the DBEFile from the DBEFileSet with which it is currently associated before you can ADD it to a different DBEFileSet. |

2516	MESSAGE	This table already has a clustering index. (DBERR 2516)
	CAUSE	When you use the CREATE INDEX statement, no more than one index per table can have the clustering attribute.
	ACTION	Drop the existing clustering index or create the new index without the clustering attribute.

2518	MESSAGE	DBEFile in use for hash. (DBERR 2518)
	CAUSE	You tried to DROP or ALTER a DBEFile that is allocated for hash table data.
	ACTION	First DROP the hash table. Then, the DBEFile may be DROPped or ALTERed.

2519	MESSAGE	Exceeded maximum number of DBEFiles for hash space (!). (DBERR 2519)
	CAUSE	The DBEFileSet specified for the hash table does not contain DBEFiles large enough that the primary pages for the hash table can be allocated using 16 or fewer DBEFiles.
	ACTION	Create additional DBEFiles large enough that the primary pages for the hash table can be allocated using 16 or fewer DBEFiles.

2520	MESSAGE	Not enough space in DBEFileset for hash primary pages. (DBERR 2520)
	CAUSE	There is not enough space in the empty table or mixed DBEFiles in the DBEFileSet specified for the number of primary pages specified.
	ACTION	Create additional DBEFile(s) with enough space for the primary pages, and add them to the specified DBEFileSet. If you create the files in the same transaction as you create the table with the hash structure, you can ensure that no other transaction will be able to use the files.

2521	MESSAGE	Maximum size for DBEFile expansion exceeds ! pages. (DBERR 2521)
	CAUSE	The maximum size that a DBEFile can be expanded, as specified in the MAXPAGES clause, exceeds the DBEFile maximum limit. The maximum size may not be exactly the same size specified with MAXPAGES, because it could be a rounded number.
	ACTION	Make sure the maximum DBEFile size specified is within the system limit.

2522	MESSAGE	DBEFile INCREMENT size must be between ! and ! pages. (DBERR 2522)
	CAUSE	The size you specified in the INCREMENT clause for DBEFile expansion is not within the range.
	ACTION	Specify a valid INCREMENT size for the corresponding DBEFile.

2523	MESSAGE	Maximum size ! pages for DBEFile expansion is less than the initial size ! pages. (DBERR 2523)
	CAUSE	The maximum size that a DBEFile can be expanded, as specified in the MAXPAGES clause, is less than the initial DBEFile size specified in the WITH PAGES clause. The maximum size may not be exactly the same size specified with MAXPAGES, because it could be a rounded number.
	ACTION	Make sure the maximum DBEFile size specified is at least equal to the initial DBEFile size, and that it is a multiple of the INCREMENT size. If dynamic DBEFile expansion is required, the maximum size must be greater than the initial size.

2524	MESSAGE	Connection ID ! does not exist. (DBERR 2524)
	CAUSE	The Connection ID specified does not exist.
	ACTION	Use a valid Connection ID.

2525	MESSAGE	Transaction ID ! does not exist. (DBERR 2525)
	CAUSE	The Transaction ID specified does not exist.
	ACTION	Use a valid Transaction ID.

2526	MESSAGE	Attempting to terminate current query. (DBERR 2526)
	CAUSE	The current query is being terminated.
	ACTION	Take appropriate action for this query.

2527	MESSAGE	There is no transaction for Connection ID !. (DBERR 2527)
	CAUSE	There was an attempt to terminate a transaction for the specified Connection ID, but no transaction was in progress.
	ACTION	No action is required.

2528	MESSAGE	Attempting to terminate persistent transaction. (DBERR 2528)
	CAUSE	There is an attempt to terminate a persistent transaction.
	ACTION	The SQLUtil command cannot be used to terminate a persistent transaction.

2529	MESSAGE	The user termination level does not allow this type of termination. (DBERR 2529)
	CAUSE	The user attempted to perform an unauthorized termination.
	ACTION	A user can terminate a transaction or query if the user is the owner or the user has DBA authority. No action required.

2530	MESSAGE	Query was aborted externally. (DBERR 2530)
	CAUSE	The query was aborted by an external process.
	ACTION	Resume the query at an appropriate time.

2600	MESSAGE	Integer overflow on operation !. (DBERR 2600)
	CAUSE	The result of an integer arithmetic operation within an expression was too big for the hardware to accommodate.
	ACTION	Try to modify your expression so that divisions occur before multiplications or break the expression into multiple expressions.

2601	MESSAGE	Integer divide by zero. (DBERR 2601)
	CAUSE	The result of an arithmetic operation within an expression caused an integer value to be divided by zero.
	ACTION	Look at your data to find where this error occurred and make any necessary changes to your expression.
2602	MESSAGE	Extended precision overflow on operation !. (DBERR 2602)
	CAUSE	The result of a float arithmetic operation within an expression was too big for the hardware to accommodate.
	ACTION	Try to modify your expression so that divisions occur before multiplications or break the expression into multiple expressions.
2603	MESSAGE	Extended precision underflow on operation !. (DBERR 2603)
	CAUSE	The result of a float arithmetic operation within an expression was too small for the hardware to accommodate.
	ACTION	Try to modify your expression so that multiplications occur before divisions or break the expression into multiple expressions.
2604	MESSAGE	Extended precision divide by zero. (DBERR 2604)
	CAUSE	The result of an arithmetic operation within an expression caused an extended precision value to be divided by zero.
	ACTION	Look at your data to find where this error occurred and make any necessary changes.
2605	MESSAGE	Packed decimal overflow on operation !. (DBERR 2605)
	CAUSE	The result of an intermediate decimal operation was too big for the hardware to accommodate.
	ACTION	Try to modify your expression so that divisions occur before multiplications or break the expression into multiple expressions.

2606	MESSAGE	Invalid decimal digit in operation !. (DBERR 2606)
	CAUSE	The decimal number you included through the host variable in a COBOL program was not valid.
	ACTION	Correct the decimal so that it is within the range of 0 through 9 and contains either a + or - sign.

2607	MESSAGE	Packed decimal divide by zero. (DBERR 2607)
	CAUSE	The result of an arithmetic operation within an expression caused a packed decimal value to be divided by zero.
	ACTION	Look at your data to find where this error occurred and make any necessary changes.

2609	MESSAGE	Incompatible data types ! and ! in expression. (DBERR 2609)
	CAUSE	You attempted to mix numeric and character data types in an expression in the select list, the WHERE clause, or the SET clause.
	ACTION	Issue the command again, specifying either numeric or character data only.

2610	MESSAGE	Operator ! invalid for data type !. (DBERR 2610)
	CAUSE	You attempted to perform an arithmetic operation on char or varchar data, or attempted the LIKE predicate on numeric data.
	ACTION	Issue the command again using only appropriate operators on data types.

2615	MESSAGE	Datetime value contains a field greater than valid range allowed. (DBERR 2615)
	CAUSE	You tried to insert a datetime value which was not valid.
	ACTION	Verify that all fields of all datetime literals are within the valid range.

2616	MESSAGE	Datetime value contains a field less than valid range allowed. (DBERR 2616)
	CAUSE	You tried to insert a datetime value which was not valid.
	ACTION	Verify that all fields of all datetime literals are within the valid range.

2617	MESSAGE	Datetime data value does not match default format specification. (DBERR 2617)
	CAUSE	You tried to insert a datetime value which did not meet the default specification criteria of "YYYY-MM-DD HH:MI:SS.FFF."
	ACTION	Verify that all fields of all datetime literals match the default format specification.

2618	MESSAGE	ALLBASE/SQL internal error in datetime conversion routine. (DBERR 2618)
	CAUSE	ALLBASE/SQL internal software problem.
	ACTION	Contact your HP Service Representative or Response Center.

2619	MESSAGE	Invalid date entered, February 29th invalid for non-leap year. (DBERR 2619)
	CAUSE	You tried to insert a datetime value which was not valid.
	ACTION	Enter the correct date.

2620	MESSAGE	Result of DATE/TIME arithmetic exceeds maximum value allowed. (DBERR 2620)
	CAUSE	The arithmetic produced a value greater than the maximum allowed.
	ACTION	Verify that the requested arithmetic should produce a result which exceeds maximum values specified.

2621	MESSAGE	Result of DATE/TIME arithmetic less than minimum value allowed. (DBERR 2621)
	CAUSE	The arithmetic produced a value less than the minimum allowed.
	ACTION	Verify that the requested arithmetic should produce a result which is less than the minimum values specified.

2622	MESSAGE	Size of datetime literal less than valid default size. (DBERR 2622)
	CAUSE	You tried to insert a datetime value of incorrect length.
	ACTION	Verify that all datetime literals in the query are of the correct size.

2623	MESSAGE	Date value contains a field greater than valid range allowed. (DBERR 2623)
	CAUSE	You tried to insert a date value which was not valid.
	ACTION	Verify that all fields of all date literals are within the valid range.

2624	MESSAGE	Date value contains a field less than valid range allowed. (DBERR 2624)
	CAUSE	You tried to insert a date value which was not valid.
	ACTION	Verify that all fields of all date literals are within the valid range.

2625	MESSAGE	Date data value does not match default format specification. (DBERR 2625)
	CAUSE	You tried to insert a date value which did not meet the default specification criteria.
	ACTION	Verify that all datetime literals in the query are specified in the default specification "YYYY-MM-DD."

2626	MESSAGE	Size of date literal less than valid default size. (DBERR 2626)
	CAUSE	You tried to insert a date value of incorrect length.
	ACTION	Verify that all date literals in the query are of the correct size.

2627	MESSAGE	Time value contains a field greater than valid range allowed. (DBERR 2627)
	CAUSE	You tried to insert a time value which was not valid.
	ACTION	Verify that all fields of all time literals are within the valid range.

2628	MESSAGE	Time value contains a field less than valid range allowed. (DBERR 2628)
	CAUSE	You tried to insert a time value which was not valid.
	ACTION	Verify that all fields of all time literals are within the valid range.

2629	MESSAGE	Time data value does not match default format specification. (DBERR 2629)
	CAUSE	You tried to insert a time value which did not meet the default specification "HH:MI:SS."
	ACTION	Verify that all time literals match the default format specification.

2630	MESSAGE	Size of time literal less than valid default size. (DBERR 2630)
	CAUSE	You tried to insert a time value of incorrect length.
	ACTION	Verify that all time literals in the query are of the correct size.

2631	MESSAGE	Interval value contains a field greater than valid range allowed. (DBERR 2631)
	CAUSE	You tried to insert an interval value which was not valid.
	ACTION	Verify that all fields of all interval literals are within the valid range.

2632	MESSAGE	Interval value contains a field less than valid range allowed. (DBERR 2632)
	CAUSE	You tried to insert an interval value which was not valid.
	ACTION	Verify that all fields of all interval literals are within the valid range.

2633	MESSAGE	Interval data value does not match default format specification. (DBERR 2633)
	CAUSE	You tried to insert an interval value which did not meet the default specification criteria.
	ACTION	Verify that all interval literals in the query are specified in the default specification "DDDDDDD HH:MI:SS.FFF" where "DDDDDDD" can be 1 to 7 digits.

2634	MESSAGE	Size of interval literal less than valid default size. (DBERR 2634)
	CAUSE	You tried to insert an interval value of incorrect length.
	ACTION	Verify that all interval literals in the query are of the correct size.

2635	MESSAGE	Real precision overflow on operation !. (DBERR 2635)
	CAUSE	The result of a real arithmetic operation within an expression was too big for the hardware to accommodate.
	ACTION	Try to modify your expression to convert the real values in it to floats or to have a target host variable of type FLOAT.

2636	MESSAGE	Real precision underflow on operation !. (DBERR 2636)
	CAUSE	The result of a real arithmetic operation within an expression was too small for the hardware to accommodate.
	ACTION	Try to modify your expression to convert the real values in it to floats or to have a target host variable of type FLOAT.

2637	MESSAGE	Format specification exceeds maximum length (! bytes). (DBERR 2637)
	CAUSE	You specified a date/time format length which exceeds the maximum length of 72 bytes.
	ACTION	Issue the command again with the length less than 72 bytes.

2638	MESSAGE	End of format specification detected before parsing end of datetime literal. (DBERR 2638)
	CAUSE	Datetime literal does not match format specification given. Extra characters exist in datetime literal after parsing end of format specification.
	ACTION	Ensure the compatibility between the format specification and datetime literal specified in the datetime input function.

2639	MESSAGE	Invalid format specification in second parameter of datetime function. (DBERR 2639)
	CAUSE	A unit within the format specification is not a valid unit.
	ACTION	Re-issue the command with a format specification.

2641	MESSAGE	Redundant fields specified in format specification. (DBERR 2641)
	CAUSE	A unit in the format specification was specified twice, or two units which contain identical units.
	ACTION	Re-issue the command with a valid format specification.

2642	MESSAGE	Invalid data type for second parameter of datetime function. (DBERR 2642)
	CAUSE	Data type of second parameter is not valid.
	ACTION	Please check the documentation for valid format types.

2643	MESSAGE	Format specification contains an invalid unit for data type !. (DBERR 2643)
	CAUSE	A valid unit was specified in the format specification, but it is not valid for this datetime type.
	ACTION	Please check the documentation for valid format types for this datetime data type.

2644	MESSAGE	Datetime input function cannot parse input parameters. (DBERR 2644)
	CAUSE	When parsing datetime literal, invalid data was detected.
	ACTION	Check validity of datetime literal in first parameter of datetime input function.

2645	MESSAGE	Day of week specified does not match date supplied. (DBERR 2645)
	CAUSE	Alphabetic day of week specified incorrect for date literal specified.
	ACTION	Re-issue command with valid datetime literal.

2646	MESSAGE	End of datetime literal detected before parsing end of format specification. (DBERR 2646)
	CAUSE	Format specification does not match datetime literal.
	ACTION	Re-issue command with correct input to datetime input function.

2647	MESSAGE	Datetime literal contains a value outside the valid range for a format specified. (DBERR 2647)
	CAUSE	A unit in datetime literal is not within boundary of the unit values allowed.
	ACTION	Issue command with correct values for units specified in format specification.

2650	MESSAGE	Invalid length in VARCHAR. (DBERR 2650)
	CAUSE	An invalid length field for a VARCHAR data type was detected in SQLCORE. The most likely cause of this would be an uninitialized VARCHAR host variable used in an insert or an uninitialized VARCHAR length field in the buffer used in a bulk insert.
	ACTION	Make sure that all VARCHAR host variables are properly initialized.

2651	MESSAGE	DEFAULT literal type ! is not compatible with the corresponding column data type !. (DBERR 2651)
	CAUSE	The data type of the literal is not compatible with the one specified for the corresponding column.
	ACTION	Define a valid default value for the corresponding column.

2652	MESSAGE	DEFAULT ! is not compatible with the corresponding column data type !. (DBERR 2652)
	CAUSE	You specified a DEFAULT current function, USER, or NULL, which is not compatible with the one specified for the corresponding column.
	ACTION	Define a valid default value for the corresponding column.

2653	MESSAGE	Non-supported DEFAULT value type !. (DBERR 2653)
	CAUSE	You specified a DEFAULT value which is not a constant, a current function, USER, or NULL.
	ACTION	Define a valid default value for the corresponding column.

2654	MESSAGE	Data type ! invalid for the starting position of SUBSTRING function. (DBERR 2654)
	CAUSE	The StartPosition parameter of the SUBSTRING function is not an integer constant or expression.
	ACTION	Change the StartPosition parameter to an integer constant or expression.

2655	MESSAGE	Data type ! invalid for the substring length of SUBSTRING function. (DBERR 2655)
	CAUSE	The Length parameter of the SUBSTRING function is not an integer constant or expression.
	ACTION	Change the Length parameter to an integer constant or expression.

2656	MESSAGE	Source string must contain numeric value. (DBERR 2656)
	CAUSE	The source character string of the CAST function contains invalid characters for a numeric expression.
	ACTION	Make sure the source character string contains an appropriate representation of a numeric value with no extraneous characters added.

2657	MESSAGE	CAST target data type too small. (DBERR 2657)
	CAUSE	The size in bytes of the specified target data type is too small to hold the value being converted.
	ACTION	Specify a larger target data type.

2658	MESSAGE	Numeric/Binary conversion must be of equal length. (DBERR 2658)
	CAUSE	In converting numeric data types to BINARY, the size in bytes of the source and target must be equal. If the target is a VARBINARY, the maximum size of the target must be equal or exceed the source size invalid character based on the target data type specified. This error will be reported if this is not true.
	ACTION	When converting to BINARY, make sure that the specified size of the BINARY matches the size of the source. If converting to VARBINARY, make sure that the specified size of the VARBINARY is at least the size of the source. When converting from BINARY or VARBINARY to a numeric type, string concatenation (||) or the SUBSTRING function can be used to make the source the correct size for the target.

2659	MESSAGE	Date/Binary conversion must be of equal length. (DBERR 2659)
	CAUSE	In converting Date/Time data types to BINARY, the size in bytes of the source and target must be equal. If the target is a VARBINARY, the maximum size of the target must be equal or exceed the source size invalid character based on the target data type specified. This error will be reported if this is not true.
	ACTION	When converting to BINARY, make sure that the specified size of the BINARY matches the size of the source (16 bytes). If converting to VARBINARY, make sure that the specified size of the VARBINARY is at least the size of the source. When converting from BINARY or VARBINARY to a Date/Time type, the source should be 16 bytes.
2660	MESSAGE	TID/Binary conversion must be of equal length. (DBERR 2660)
	CAUSE	In converting TID data types to BINARY, the size in bytes of the source and target must be equal. If the target is a VARBINARY, the maximum size of the target must be equal or exceed the source size invalid character based on the target data type specified. This error will be reported if this is not true.
	ACTION	When converting to BINARY, make sure that the specified size of the BINARY matches the size of the source (8 bytes). If converting to VARBINARY, make sure that the specified size of the VARBINARY is at least the size of the source. When converting from BINARY or VARBINARY to a Date/Time type, the source should be 8 bytes.
2661	MESSAGE	Invalid TID format. (DBERR 2661)
	CAUSE	The character string being converted to a TID data type was not properly formatted.
	ACTION	The correct syntax for a character string representation of a TID is:

$$[\,0:\,]\mathit{filenumber}:\mathit{pagenumber}:\mathit{slot}$$

where:

filenumber	is the DBEfile number (0-32767)
pagenumber	is the page number (0-16777215)
slot	is the slot number (0-255)

2700	MESSAGE	INSERT/UPDATE/DELETE disallowed on a join. (DBERR 2700)
	CAUSE	You attempted to INSERT, UPDATE, or DELETE on a multiple table view.
	ACTION	You cannot perform an INSERT, UPDATE, or DELETE on multi-table views. Refer to the specified command and the CREATE VIEW statement in the *ALLBASE/SQL Reference Manual* for additional information.

2701	MESSAGE	INSERT/UPDATE disallowed on virtual column (!). (DBERR 2701)
	CAUSE	You attempted to INSERT or UPDATE a computed column in a view.
	ACTION	Inserting rows through a view is not allowed if any column of the view is computed in an arithmetic expression. Refer to the *ALLBASE/SQL Reference Manual* for additional information.

2702	MESSAGE	INSERT/UPDATE/DELETE disallowed on group operation. (DBERR 2702)
	CAUSE	You attempted to INSERT, UPDATE, or DELETE rows via a view which contained a GROUP BY clause in its definition.
	ACTION	A view definition for UPDATE, DELETE, and INSERT operations cannot contain a GROUP BY clause. Refer to the specified command and the CREATE VIEW statement in the *ALLBASE/SQL Reference Manual* for additional information.

2703	MESSAGE	INSERT/UPDATE/DELETE disallowed on ORDER BY. (DBERR 2703)
	CAUSE	You attempted to declare a cursor containing both an ORDER BY clause and a FOR UPDATE clause, or you attempted an UPDATE or DELETE WHERE CURRENT on a cursor containing an ORDER BY clause.
	ACTION	Remove the ORDER BY from the cursor if updates and/or deletes are to be performed with it, or remove the FOR UPDATE clause from the cursor.

2705	MESSAGE	Illegal reference to column ! in group operation. (DBERR 2705)
	CAUSE	A column you specified in the select list was not referenced in the GROUP BY clause of the SELECT statement.
		or
		you are doing a GROUP BY with a SELECT * and you have failed to reference all of the columns in the specified table in the GROUP BY clause.
	ACTION	Issue the SELECT statement again, specifying only aggregate functions and columns referenced in the GROUP BY clause
		In the case of SELECT *, be sure to reference all columns produced by the expansion of the * in the GROUP BY clause.

2706	MESSAGE	INSERT/UPDATE/DELETE disallowed on DISTINCT operation. (DBERR 2706)
	CAUSE	UPDATE, INSERT, and DELETE operations through a view are not allowed if the view definition involves a distinct clause.
	ACTION	Perform the UPDATE, INSERT, or DELETE operation on the base table or re-create the view without the DISTINCT clause.

2707	MESSAGE	UPDATE/DELETE disallowed on a cursor containing a subquery. (DBERR 2707)
	CAUSE	You attempted to UPDATE or DELETE rows accessed through a cursor which contained a subquery in its definition.
	ACTION	Perform the UPDATE or DELETE only through a cursor which does not contain a subquery.

2708	MESSAGE	UPDATE/DELETE disallowed with subquery containing update/delete table. (DBERR 2708)
	CAUSE	You attempted to UPDATE or DELETE through a view or with a search condition containing a subquery which references the target table.
	ACTION	Perform the UPDATE or DELETE only through views with search conditions which do not reference the target table in any subqueries.

2709	MESSAGE	UPDATE/DELETE disallowed on UNION. (DBERR 2709)
	CAUSE	You attempted to UPDATE or DELETE through a cursor containing a UNION.
	ACTION	Perform the UPDATE or DELETE only through cursors not containing UNIONs.

2710	MESSAGE	INSERT or FORMAT II INSERT disallowed on a view referencing the insert table in a subquery. (DBERR 2710)
	CAUSE	You attempted to insert through a view, where the view contains a subquery which references the same base table the view is based upon. Such an insert is not allowed.
	ACTION	Insert directly through the base table, or use a view not containing subqueries which reference the same table as the view.

2711	MESSAGE	Qualifier !.! (column !) is different from input table. (DBERR 2711)
	CAUSE	The table name you specified in the select list or WHERE clause is different from the table name specified in the FROM clause of the SELECT statement.
	ACTION	Issue the SELECT statement again, specifying the same table name in both the select list or WHERE clause and the FROM clause. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the SELECT statement.

2712	MESSAGE	Hash key columns may not be updated. (DBERR 2712)
	CAUSE	You tried to update the value of a column included in the key for a hash.
	ACTION	DELETE the tuple with the old key column value. Then, INSERT a new tuple with the new key column value.

2716	MESSAGE	User ! does not have authority to GENPLAN on table/view !.!.(!) (DBERR 2716)
	CAUSE	You do not have run authority to GENPLAN on a specified section.
	ACTION	Contact your database administrator to get the required authority or sign on as a user who does have the required authority.

2717	MESSAGE	The specified section !.!(!) is not a SELECT, UPDATE, DELETE or type II INSERT statement. (DBERR 2717)
	CAUSE	The specified section you included is not an allowed statement for GENPLAN.
	ACTION	Check the source file to find the right section number.

2718	MESSAGE	Optimizer did not generate an access plan for the query. (DBERR 2718)
	CAUSE	Internal Error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

2719	MESSAGE	User ! does not have authority to GENPLAN on table/view !.!. (DBERR 2719)
	CAUSE	You do not have the required authority to execute GENPLAN on the named table or view.
	ACTION	Contact your database administrator to obtain the required authority or sign on as a user who does have the required authority.

2720	MESSAGE	INSERT/UPDATE/DELETE disallowed on system tables (!.!). (DBERR 2720)
	CAUSE	You attempted to INSERT, UPDATE or DELETE to a system table.
	ACTION	Re-issue the statement on a non-system table.

2724	MESSAGE	Command ! is not allowed for views (!.!). (DBERR 2724)
	CAUSE	You specified a command (ALTER TABLE, UPDATE STATISTICS, LOCK TABLE) that cannot be performed on a view.
	ACTION	No action is necessary. Refer to the *ALLBASE/SQL Reference Manual* for additional information on these commands and the *ALLBASE/SQL Database Administration Guide* for additional information on views.

2725	MESSAGE	Use DROP VIEW to drop view !.!. (DBERR 2725)
	CAUSE	You attempted to drop a view using the DROP TABLE statement.
	ACTION	Use the DROP VIEW statement to drop a view.

2726	MESSAGE	Use DROP TABLE to drop table !.!. (DBERR 2726)
	CAUSE	You attempted to drop a table using the DROP VIEW statement.
	ACTION	Use the DROP TABLE statement to drop a table.

2730	MESSAGE	Column ! does not accept nulls. (DBERR 2730)
	CAUSE	You specified the NULL keyword for a non-null column in the INSERT or UPDATE statement.
	ACTION	Issue the command again, specifying a value for all non-null columns.

2731	MESSAGE	Reset command not valid for table !.!. (DBERR 2731)
	CAUSE	You cannot issue the RESET statement on the specified table.
	ACTION	No action is necessary. The only valid tables for the RESET statement are SYSTEM.COUNTER and SYSTEM.ACCOUNT.

2732	MESSAGE	Invalid number of columns in view column list. (DBERR 2732)
	CAUSE	The number of columns in the CREATE VIEW statement did not match the number of columns in the SELECT statement for the view.
	ACTION	Issue the command again using the same number of columns in both the CREATE VIEW statement and the SELECT statement.
2740	MESSAGE	Invalid savepoint number. (DBERR 2740)
	CAUSE	The ROLLBACK WORK statement included a non-existent savepoint.
	ACTION	Issue the command again, specifying a valid savepoint number. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the ROLLBACK WORK statement.
2741	MESSAGE	Archive not begun. (DBERR 2741)
	CAUSE	You attempted to COMMIT ARCHIVE without a preceding BEGIN ARCHIVE statement.
	ACTION	Issue the BEGIN ARCHIVE statement first followed by the COMMIT ARCHIVE statement.
2742	MESSAGE	Archive already begun. (DBERR 2742)
	CAUSE	The BEGIN ARCHIVE statement was issued twice.
	ACTION	No action is necessary.
2743	MESSAGE	Archive checkpoint not found. (DBERR 2743)
	CAUSE	The checkpoint was not found.
	ACTION	Review the syntax for CHECKPOINT statement.

2744	MESSAGE	ROLLBACK WORK TO savepointnumber when you have cursors opened with KEEP CURSOR option. (DBERR 2744)
	CAUSE	You opened a cursor with the KEEP CURSOR option and you are trying to use the SAVEPOINT option of the ROLLBACK WORK statement.
	ACTION	Revise the program to open the cursor without the KEEP CURSOR option, or eliminate the TO SAVEPOINT clause.

2749	MESSAGE	Procedure cursor !.!(!) has no current result set. (DBERR 2749)
	CAUSE	An attempt was made to fetch from a procedure cursor, either without first issuing an ADVANCE statement

or

after an ADVANCE returned an sqlcode of 200 (no more result sets). |
| | ACTION | Issue an ADVANCE statement after opening the cursor, and before trying to fetch results.

or

Check for an sqlcode of 200 on an ADVANCE statement before attempting to fetch results. |

2750	MESSAGE	Module !.!(!) has DBEFileSet error. (DBERR 2750)
	CAUSE	You tried to use DECLARE CURSOR or to PREPARE a section in a non-existent DBEFileSet.
	ACTION	Check your spelling, and examine the SYSTEM.DBEFILESET view to make sure that the DBEFileSet actually exists. Then issue the command again, specifying a valid DBEFileSet.

2752	MESSAGE	Module !.!(!) is a cursor. (DBERR 2752)
	CAUSE	You tried to use the EXECUTE statement on a cursor.
	ACTION	The only valid commands for a cursor are OPEN, CLOSE, FETCH, DESCRIBE, and DECLARE CURSOR.

2753	MESSAGE	Module !.!(!) is not a cursor. (DBERR 2753)
	CAUSE	You tried to OPEN, CLOSE, FETCH, or DESCRIBE a section which was not defined with a DECLARE CURSOR statement.
	ACTION	A cursor must be declared using the DECLARE CURSOR statement before you refer to it in the other cursor commands.

2754	MESSAGE	Cursor !. ! (!) is not open. (DBERR 2754)
	CAUSE	ALLBASE/SQL automatically rolled back your transaction causing the cursors to be closed or the cursor was never opened.
	ACTION	Insure that the cursor was opened.

2755	MESSAGE	Module !.!(!) already open. (DBERR 2755)
	CAUSE	You attempted to OPEN the same cursor twice.
	ACTION	No action is necessary.

2756	MESSAGE	Cursor !.!(!) has no current tuple. (DBERR 2756)
	CAUSE	You issued an UPDATE or DELETE statement with a CURRENT OF CURSOR clause without preceding it with a FETCH statement or you terminated the transaction between the FETCH and DELETE or UPDATE statement.
	ACTION	A FETCH statement must precede any DELETE or UPDATE WHERE CURRENT operation within the transaction.

2757	MESSAGE	Update column list not in cursor update column list. (DBERR 2757)
	CAUSE	You tried to update a column which was not specified when the cursor was declared.
	ACTION	A column must be listed in the DECLARE CURSOR statement before an update operation can be performed on that column.

2758	MESSAGE	Update table different from cursor table. (DBERR 2758)
	CAUSE	You tried to update a table which was not specified in the DECLARE CURSOR statement.
	ACTION	A table must be listed in the DECLARE CURSOR statement before it can be updated using the UPDATE statement with a CURRENT OF CURSOR clause.

2759	MESSAGE	Cursor has no current tuple. (DBERR 2759)
	CAUSE	You issued an UPDATE or DELETE statement with a CURRENT OF CURSOR clause when the current tuple had already been deleted.
	ACTION	Modify your application so that no UPDATE or DELETE WHERE CURRENT is attempted once the current tuple has been deleted.

2760	MESSAGE	Null value detected and indicator variable not declared OR attempted to put null value into non-null column or result. (DBERR 2760)
	CAUSE	A SELECT or FETCH statement had no corresponding indicator variable and a null value was fetched for an item
		or
		you attempted to put a null value into a non-null column using the INSERT or UPDATE statement by setting the indicator variable to a negative number.
		or
		You specified NOT NULL for a procedure result and a null value was fetched.
	ACTION	Modify your program to include indicator variables with columns that might contain null values
		or
		issue the INSERT or UPDATE statement again, specifying only non-null values for columns created with the NOT NULL option.
		or
		drop the procedure and recreate it, either omitting the NOT NULL option in the WITH RESULT clause, or modifying the procedure SELECT statements so that no null values will be retrieved.

2762	MESSAGE	Selectlist has ! items and host variable buffer has !. (DBERR 2762)
	CAUSE	The number of select list items in a DECLARE CURSOR or a SELECT statement does not match the number of host variables in the corresponding FETCH or SELECT statement or the number of select list items in the SELECT statement does not match the number of host variables in the SELECT statement.
	ACTION	Modify your program so that the number of variables in the select list or the SELECT statement matches the number of host variables. Refer to the *ALLBASE/SQL Reference Manual* for additional information on these commands.

2763	MESSAGE	DISTINCT within aggregate functions cannot reference multiple column names. (DBERR 2763)
	CAUSE	The SELECT statement contains more than one aggregate function containing the DISTINCT option and references more than one column.
	ACTION	Modify your statement so that it references only one column. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the SELECT statement.

2764	MESSAGE	DISTINCT within an aggregate function cannot reference an expression. (DBERR 2764)
	CAUSE	The SELECT statement contains an aggregate function containing the DISTINCT option and references a column containing computed values.
	ACTION	Modify your statement so that only raw columns are referenced. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the SELECT statement.

2765	MESSAGE	DDL commands disabled. (DBERR 2765)
	CAUSE	The DDL Enabled flag in the DBECon file was set to NO when you attempted to execute DDL (data definition language) commands.
	ACTION	STOP the DBEnvironment, use the SQLUtil ALTDBE command to set the DDL Enabled flag to YES, then START the DBEnvironment and proceed with data definition.

2766	MESSAGE	Unable to revalidate section while DDL commands are disabled. (DBERR 2766)
	CAUSE	The DDL Enabled flag in the DBECon file was set to NO when ALLBASE/SQL encountered an invalid stored section.
	ACTION	STOP the DBEnvironment, use the SQLUtil ALTDBE command to set the DDL Enabled flag to YES, then START the DBEnvironment and run the application again.

2768	MESSAGE	Current tuple does not satisfy the predicate in the cursor definition. (DBERR 2768)
	CAUSE	After you fetched the data, the data was updated by another transaction and no longer satisfies your cursor definition.
	ACTION	No action is necessary.

2769	MESSAGE	Cursor !.!(!) is not updatable. (DBERR 2769)
	CAUSE	You tried to REFETCH or UPDATE using a cursor that is not updatable.
	ACTION	Make sure you declare the cursor FOR UPDATE in the DECLARE CUSOR statement.

2770	MESSAGE	INSERT rejected: FORMAT II INSERT cannot insert a table into itself. (DBERR 2770)
	CAUSE	The table you specified as the target table in the INSERT statement was the same as one of the tables in the embedded SELECT statement.
	ACTION	Modify your command specifying a different target table or remove the target table from the embedded SELECT statement.

2771	MESSAGE	KEEP CURSOR with NOLOCKS is not supported on NON-UPDATABLE CURSOR. (DBERR 2771)
	CAUSE	You specified the KEEP CURSOR WITH NOLOCKS option for a cursor which was declared as SELECT ... ORDER BY or SELECT DISTINCT. These operations need to build temporary tables, and if KEEP CURSOR WITH NOLOCKS is in effect, the consistency between permanent and temporary tables cannot be guaranteed between transactions.
	ACTION	Revise the program to open the cursor with the KEEP CURSOR WITH LOCKS option.
2772	MESSAGE	Cursor !.!(!) containing SUBQUERY is not allowed in the REFETCH command. (DBERR 2772)
	CAUSE	You attempted to perform a REFETCH on a cursor containing a subquery.
	ACTION	REFETCH cannot be done on cursors containing subqueries. Either remove the subquery from the cursor, or do not perform REFETCH on that cursor.
2773	MESSAGE	Multiple-rows operation is NOT allowed in the REFETCH command. (DBERR 2773)
	CAUSE	You specified more than one record in the REFETCH statement.
	ACTION	Make sure to specify only one record for the REFETCH statement.
2774	MESSAGE	Escape character in LIKE pattern must be followed by escape character, underscore, or percent. (DBERR 2774)
	CAUSE	There is an escape character in a LIKE predicate pattern that is not followed by an escape character, underscore, or percent.
	ACTION	Change the pattern to a legal pattern.

2775	MESSAGE	Escape character must be a single character. (DBERR 2775)
	CAUSE	You specified a multi-character string for the escape pattern, or passed in a host variable containing more than a single character.
	ACTION	Correct the specification of the escape string to be a single character, or make sure that the host variable is set to blanks after the escape character.

2776	MESSAGE	Dynamic parameters as both operands of a single binary operator disallowed. (DBERR 2776)
	CAUSE	You specified dynamic parameters for both operands of an arithmetic or comparison operator.
	ACTION	Modify your statement to not specify dynamic parameters for both operands of the arithmetic or comparison operator.

2777	MESSAGE	Dynamic parameter as the operand of a unary arithmetic operator disallowed. (DBERR 2777)
	CAUSE	You specified a dynamic parameter in a NULL predicate or a minus sign is specified in front of the dynamic parameter.
	ACTION	Modify your statement to not contain a dynamic parameter in a NULL predicate nor a minus sign in front of a dynamic parameter.

2778	MESSAGE	Dynamic parameter in the SELECT list disallowed. (DBERR 2778)
	CAUSE	You specified a dynamic parameter in the SELECT list.
	ACTION	Modify your statement to not contain a dynamic parameter in a SELECT list.

2779	MESSAGE	TID data type is not supported. (DBERR 2779)
	CAUSE	You specified a column of TID data type in the CREATE TABLE or ALTER TABLE statement. There is no TID data type.
	ACTION	Check and modify the statement.

2780	MESSAGE	Psuedotable can not be updated. (DBERR 2780)
	CAUSE	You attempted to perform an update on a system pseudotable.
	ACTION	Check that the correct table name has been specified.

2781	MESSAGE	Illegal reference to TID function in group operation. (DBERR 2781)
	CAUSE	Within a single query block, you cannot specify the GROUP BY clause when using the TID function in the select list.
	ACTION	Check and modify the command.

2782	MESSAGE	TID function is not allowed for the pseudotable (!.!). (DBERR 2782)
	CAUSE	The parameter in the TID function is a system pseudotable.
	ACTION	Check and modify the command.

2783	MESSAGE	TID function is not allowed for the non-updatable view (!.!). (DBERR 2783)
	CAUSE	The parameter in the TID function is not an updatable view.
	ACTION	Check and modify the command.

2784	MESSAGE	DDL statement not allowed in PREPARE REPEAT command. (DBERR 2784)
	CAUSE	Data definition language statements (CREATE TABLE, CREATE INDEX, DROP TABLE, etc.) are not allowed in a PREPARE command with the REPEAT option.
	ACTION	Do not use the REPEAT option for DDL commands.

2785	MESSAGE	The starting position is invalid for the SUBSTRING function. (DBERR 2785)
	CAUSE	The StartPosition parameter of the SUBSTRING function is less than 1 or greater than the length of the SourceString.
	ACTION	Change the StartPosition parameter to a value greater than 0, and less than or equal to the length of the SourceString parameter.

2786	MESSAGE	The substring length is invalid for the SUBSTRING function. (DBERR 2786)
	CAUSE	The Length parameter of the SUBSTRING function is less than 1 or greater than the length of the SourceString parameter.
	ACTION	Change the Length parameter to a value greater than 0, and less than or equal to the length of the SourceString parameter.

2787	MESSAGE	Length of item ! in select list exceeds that of corresponding procedure result column. (DBERR 2787)
	CAUSE	An item in the select list in a procedure SELECT statement with no INTO clause has a length greater than that specified for the corresponding procedure result column in the WITH RESULT clause of the CREATE PROCEDURE statement.
	ACTION	Re-issue the CREATE PROCEDURE statement, either omitting the WITH RESULT clause, or ensuring that all multiple row result sets returned from the procedure are compatible with the format specified.

2788	MESSAGE	USING Clause is required for output dynamic parameters. (DBERR 2788)
	CAUSE	You tried to execute a prepared EXECUTE PROCEDURE statement with output dynamic parameters, but no output variables were provided in the USING clause of an EXECUTE or CLOSE statement.
	ACTION	Issue the EXECUTE or CLOSE statement again with the USING clause, specifying output variables for output dynamic parameters in the prepared statement.

2790	MESSAGE	CANNOT use DROP PARTITION on DEFAULT partition. (DBERR 2790)
	CAUSE	You attempted to drop the DEFAULT partition.
	ACTION	This partition cannot be dropped. Its partition number can be changed with the START DBE NEWLOG statement.

2791	MESSAGE	Cannot CREATE PARTITION !. (DBERR 2791)
	CAUSE	You attempted to create a partition named NONE or DEFAULT. This partition name cannot be used since it refers to the nonexistent partition.
	ACTION	No partition can be created with this name in the CREATE PARTITION statement.

2792	MESSAGE	Comment text for LOG COMMENT must have data type CHAR or VARCHAR. (DBERR 2792)
	CAUSE	The value for a log comment was not a character value.
	ACTION	Check the type of the value and be sure it is CHAR or VARCHAR.

2793	MESSAGE	Cannot LOG COMMENT when AUDIT LOG not enabled. (DBERR 2793)
	CAUSE	You specified a LOG COMMENT statement in a DBEnvironment without audit logging or with audit logging disabled.
	ACTION	Enable AUDIT LOG for the DBEnvironment or refrain from issuing LOG COMMENT on the DBEnvironment.

2794	MESSAGE	Cannot open log scan on AUDIT CHECKPOINT only DBEnvironment. (DBERR 2794)
	CAUSE	Unable to open the log scan on the AUDIT CHECKPOINT.
	ACTION	Enable AUDIT LOG for the DBEnvironment, not for AUDIT CHECKPOINT.

2800	MESSAGE	Table's language not compatible with DBE's language. (DBERR 2800)
	CAUSE	The language you specified for the table is neither the same as DBEnvironment's language, nor n-computer.
	ACTION	Make sure the table's language is either n-computer or the same as the DBEnvironment's language.

2801	MESSAGE	Column's language not compatible table/DBE's language. (DBERR 2801)
	CAUSE	The language you specified for the column is neither table/DBEnvironment's language nor n-computer.
	ACTION	Make sure the column's language is either the same as table/DBEnvironment's language or n-computer.

2802	MESSAGE	Procedure result language is not compatible with procedure/DBEnvironment language. DBERR 2802)
	CAUSE	A language other than that of the DBEnvironment or n-computer was specified for a procedure result.
	ACTION	Re-issue the CREATE PROCEDURE statement, either omitting the language clause, or specifying either the DBEnvironment language or n-computer.

2803	MESSAGE	Procedure language is not compatible with DBEnvironment language. (DBERR 2803)
	CAUSE	The language you specified for the procedure was neither the DBEnvironment language nor n-computer.
	ACTION	Issue the CREATE PROCEDURE statement again, specifying either the DBEnvironment language or n-computer for the procedure, or specifying no procedure language.

2804	MESSAGE	Parameter language is not compatible with procedure/DBEnvironment language. (DBERR 2804)
	CAUSE	The language you specified for the parameter was neither the procedure/DBEnvironment language nor n-computer.
	ACTION	Issue the CREATE PROCEDURE statement again, specifying either the procedure/DBEnvironment language or n-computer for the parameter, or specifying no parameter language.

2805	MESSAGE	NLINFO error !. Language ID = !. (DBERR 2805)
	CAUSE	An error was returned from the NLS library routine NLINFO, with the specified language.
	ACTION	Check the validity of your NLS data and reissue the statement.

2806	MESSAGE	Comment text cannot be NULL for LOG COMMENT. (DBERR 2806)
	CAUSE	The value passed to a LOG COMMENT was NULL.
	ACTION	Check the value and reissue the statement with a non-null value.

2807	MESSAGE	Cannot drop a non-empty partition. (DBERR 2807)
	CAUSE	You issued a DROP PARTITION on a partition that currently contains tables.
	ACTION	Remove the tables from the partition with the ALTER TABLE SET PARTITION statement and reissue the statement.

2808	MESSAGE	Partition ! already exists. (DBERR 2808)
	CAUSE	A CREATE PARTITION attempted to create a partition with a name of a partition that is already defined.
	ACTION	Reissue the CREATE PARTITION statement with another partition name or issue a DROP PARTITION to remove the existing partition and then reissue the CREATE PARTITION statement.

2809	MESSAGE	Partition ! not found. (DBERR 2809)
	CAUSE	The partition name you specified by a DROP PARTITION, ALTER TABLE SET PARTITION, or CREATE TABLE statement does not exist.
	ACTION	Check the partition name against the system catalog table SYSTEM.PARTITION and reissue the CREATE TABLE or ALTER TABLE SET PARTITION statement with the name of an existing partition.

2810	MESSAGE	Audit logging not set for DBE. (DBERR 2810)
	CAUSE	You issued an ENABLE AUDIT LOGGING statement for the session, but audit logging is turned off for the DBEnvironment.
	ACTION	Check the correctness of operations. Either audit logging for the DBEnvironment should be turned on (this may be done through the START DBE NEWLOG statement) *or* the ENABLE AUDIT LOGGING statement is not valid.

2811	MESSAGE	Insufficient size specified for the new SCR. (DBERR 2811)
	CAUSE	Note that it is possible to change the MAXPARTITIONS parameter through the START DBE NEWLOG statement. In so doing, the product restores the current SCR slots into this new log file (the current SCR value has an image stored in the DBECon file). If the new MAXPARTITIONS specified is not large enough to contain *all* the occupied slots from the old SCR, this error is generated.
	ACTION	Reissue the START DBE NEWLOG statement with the appropriate MAXPARTITIONS.

2812	MESSAGE	There are still some active transactions in the old SCR. (DBERR 2812)
	CAUSE	You attempted a START DBE NEWLOG, and the old SCR (out of the DBECon file) still contains some active transactions. This can only happen if the database was not shut down in a manner such that all operations could be properly terminated.
	ACTION	Connect to the database and release it. This allows ALLBASE/SQL to terminate any uncommitted transactions. Then you can reissue the START DBE NEWLOG statement.

2813	MESSAGE	More than one slot found for the same partition. (DBERR 2813)
	CAUSE	The partition was specified twice when opening a log scan.
	ACTION	Eliminate the duplication.

2814	MESSAGE	Open_Log_Scan failed on ALL specified partitions. (DBERR 2814)
	CAUSE	Check the per partition return codes.
	ACTION	Use the per partition return code information to determine your action.

2815	MESSAGE	Hard resync record encountered in partition !. Scan aborted. (DBERR 2815)
	CAUSE	The master and slave databases are inconsistent.
	ACTION	Resync the indicated partition.

2816	MESSAGE	Open_Log_Scan could not reserve log for partitions found. (DBERR 2816)
	CAUSE	The specified starting point for opening a log scan has been overwritten.
	ACTION	Use a Wrapper DBE to recover the needed log records or hard resync the partition.

2817	MESSAGE	Invalid audit log record found. (DBERR 2817)
	CAUSE	The log record being applied in an Apply_Log was not a valid audit log record.
	ACTION	The log records being applied in an Apply_Log command must have come from an Transmit_Log from a master instance. Check your application to make sure that the log records from the Transmit_Log are being passed appropriately to the Apply_Log according to the External Specifications.

2818	MESSAGE	Apply_Log cannot find the tuple to be modified/deleted. (DBERR 2818)
	CAUSE	The master and slave databases are not synchronized.
	ACTION	Perform a hard resync.

2819	MESSAGE	Attempting to apply a log record while audit is not enabled. (DBERR 2819)
	CAUSE	The architecture of Apply_Log requires audit to be turned on at the slave (target).
	ACTION	Use SQLUTIL (SHOWDBE) to check the startup parameters, and turn audit on (through a START DBE NEWLOG) if necessary.

2820	MESSAGE	Audit parameters not set. (DBERR 2820)
	CAUSE	You tried to use audit logging without setting all of the required parameters.
	ACTION	Check that the AUDIT NAME, DEFAULT PARTITION, and MAXPARTITIONS are all set in the DBEnvironment, or set them (through a START DBE NEWLOG) if necessary.

2821	MESSAGE	Active transactions found on partition !. (DBERR 2821)
	CAUSE	An attempt is being made to hard resync an active partition.
	ACTION	Terminate access to the partition and redo the hard resync.

2822	MESSAGE	Duplicate partition instance found in SCR array. (DBERR 2822)
	CAUSE	The duplicate partition instance (PID/DBID) was found in the SCR array passed to modify SCR.
	ACTION	Eliminate the duplicates and try again.

2823	MESSAGE	Open log scan failed due to missing log file (sequence #!). (DBERR 2823)
	CAUSE	A log needed for the log scan being opened has been purged.
	ACTION	For a resync application, perform a hard resync. Auditing cannot be done.

2824	MESSAGE	More than one tuple qualified for key column search. (DBERR 2824)
	CAUSE	Multiple tuples found during Apply_Log with key column search enabled.
	ACTION	Try the Apply_Log with key column search disabled.

2825	MESSAGE	Timeout expired (! seconds). (DBERR 2825)
	CAUSE	A request for a database resource, such as a lock, could not be granted before the user timeout was exceeded. The current transaction was rolled back.
	ACTION	Retry the transaction when the requested resource becomes available, or increase the user timeout value.

2826	MESSAGE	Insufficient number of transactions. (! is required) (DBERR 2826)
	CAUSE	An attempt to start the DBE with the maximum allowable transactions less than or equal to the number of persistent transactions currently present in the DBE.
	ACTION	Specify a larger number of transactions to start the DBE.

2827	MESSAGE	The function was invoked in an improper context. (DBERR 2827)
	CAUSE	An XA function has been invoked in an invalid context.
	ACTION	Correct the context and try again.

2828	MESSAGE	Comment is disallowed. (DBERR 2828)
	CAUSE	An attempt was made to log a comment for a transaction that is already persistent.
	ACTION	Retry the function without a comment.

2829	MESSAGE	Blocking condition exists. (DBERR 2829)
	CAUSE	A transaction join was attempted with the nowait option specified. The function would have had to wait.
	ACTION	Try again later or remove the nowait option.

2830	MESSAGE	Duplicate global transaction identifier. (DBERR 2830)
	CAUSE	Attempted to start a transaction with a global identifier that already exists.
	ACTION	Try again with a unique GTRID.

2831	MESSAGE	The global transaction identifier is unknown. (DBERR 2831)
	CAUSE	The specified global transaction identified does not exist in the DBE.
	ACTION	Check the validity of the GTRID.

2832	MESSAGE	A transaction scan is already opened. (DBERR 2832)
	CAUSE	An attempt was made to open a recovery scan when was already open. A session can have only one open recovery scan.
	ACTION	Close the open scan before opening another.

2833	MESSAGE	A transaction scan is not opened. (DBERR 2833)
	CAUSE	A recovery scan is required for the requested function, but one is not open.
	ACTION	Open a recovery scan and try again.

2834	MESSAGE	The transaction has already been heuristically committed. (DBERR 2834)
	CAUSE	A request was made to commit or abort a transaction that has already been heuristically committed.
	ACTION	None.

2836	MESSAGE	Timeout. (DBERR 2836)
	CAUSE	The requested function has timed out waiting for access to a transaction.
	ACTION	Try again when the transaction is available.

2837	MESSAGE	The global transaction identifier is invalid. (DBERR 2837)
	CAUSE	The specified global transaction id has an invalid format.
	ACTION	Check the GTRID.

3228	MESSAGE	Log lock point specified is invalid. (DBERR 3228)
	CAUSE	The log location specified for a log lock is invalid.
	ACTION	Check the location.

2881	MESSAGE	Cannot drop ! default DBEFileSet !. (DBERR 2881)
	CAUSE	You have the space default on the DBEFileSet you tried to drop.
	ACTION	Change the space default or modify your command.

2882	MESSAGE	Cannot revoke ! default on DBEFileSet ! from !. (DBERR 2882)
	CAUSE	The authority you tried to revoke is a DEFAULT for the user.
	ACTION	Change the space default or modify your command.

2884	MESSAGE	User ! does not have explicit ! authority on DBEFileSet !. (DBERR 2884)
	CAUSE	The authority is not previously granted to you.
	ACTION	Cannot REVOKE, please modify the command.

2885	MESSAGE	! on DBEFileSet ! is not granted for !. (DBERR 2885)
	CAUSE	The authority is not previously granted to you.
	ACTION	You must grant the authority to the user before you run the command.

2901	MESSAGE	Multiple rows returned in subquery. (DBERR 2901)
	CAUSE	A subquery within a comparison predicate returns more than one row. Comparison predicates can only work with single values.
	ACTION	For a subquery that returns more than one value, the EXISTS predicate, IN predicate, or one of the quantified predicates (SOME, ALL, ANY) must be used.

2902	MESSAGE	Multiple columns returned in subquery. (DBERR 2902)
	CAUSE	You specified more than one column in the select list of a subquery. If an asterisk was specified, there was more than one column in the table being queried. Only the EXISTS predicate allows more than one column to be specified in a subquery.
	ACTION	Change the subquery so that only one column is specified in the select list.

2909	MESSAGE	Number of output variables does not match the number of output dynamic parameters in the referenced section. (DBERR 2909)
	CAUSE	The number of output values in the USING clause of an EXECUTE or CLOSE statement is not equal to the number of output dynamic parameters in the prepared statement.
	ACTION	Modify either your EXECUTE or CLOSE statement or the related PREPARE statement so that there is a one to one mapping of output dynamic parameters.

2910	MESSAGE	Number of input values does not match the number of dynamic parameters in the referenced section. (DBERR 2910)
	CAUSE	The number of input values in the USING clause of an OPEN or EXECUTE statement is not equal to the number of dynamic parameters in the prepared statement.
	ACTION	Modify either your OPEN or EXECUTE statement or the related PREPARE statement so that there is a one to one mapping of dynamic parameters.

2912	MESSAGE	Incompatible conversion from ! to ! for the dynamic parameter (!). (DBERR 2912)
	CAUSE	The data type of the input value in the USING clause of an OPEN or EXECUTE statement is not compatible with the default data type of the dynamic parameter in the prepared statement.
	ACTION	Modify the data type of the referenced input value to be compatible with the default data type of the corresponding dynamic parameter.

2913	MESSAGE	Invalid conversion from ! to ! for the dynamic parameter (!). (DBERR 2913)
	CAUSE	You attempted an invalid conversion from one specified type to another.
	ACTION	Refer to the "CAST Function" in the "Expressions" chapter of the *ALLBASE/SQL Reference Manual* for the correct conversion types.

2914	MESSAGE	Invalid conversion from DECIMAL (!,!) to DECIMAL (!,!) for the dynamic parameter (!). (DBERR 2914)
	CAUSE	The value length, precision, or scale of the decimal value you specified in the USING clause of an OPEN or EXECUTE statement is greater than that of the data type of the corresponding dynamic parameter in the prepared statement.
	ACTION	Modify the referenced decimal input value to be compatible with the corresponding dynamic parameter.

2915	MESSAGE	Invalid conversion from !(!) to !(!) for the dynamic parameter (!). (DBERR 2915)
	CAUSE	The length of the input value you referenced in the USING clause of an OPEN or EXECUTE statement is greater than the length of the data type of the corresponding dynamic parameter in the prepared statement.
	ACTION	Modify the definition of the referenced input value to be compatible in length with the corresponding dynamic parameter.

2916	MESSAGE	Invalid Table/View/Column in the dynamic format computation. (DBERR 2916)
	CAUSE	A dynamic parameter is associated with an invalid table, view, or column in the statement. Its format cannot be determined.
	ACTION	Check that the query references existing tables, views, and columns you are authorized to access and reissue the statement.

2917	MESSAGE	No corresponding column for the dynamic parameter. (DBERR 2917)
	CAUSE	A dynamic parameter in the VALUE clause of an INSERT statement has no corresponding column.
	ACTION	Check that the number of columns in the INSERT matches the number of values specified, and reissue the statement.

2918	MESSAGE	Using Clause is required for the input dynamic parameters. (DBERR 2918)
	CAUSE	You attempted to issue an OPEN or EXECUTE statement on a section that contains dynamic parameters without passing the values for the dynamic parameters via the USING clause.
	ACTION	Add a USING clause to the statement and provide values for the dynamic parameters with the USING clause.

2919	MESSAGE	An invalid NLS data was encountered. (DBERR 2919)
	CAUSE	NLS data is invalid.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

2920	MESSAGE	SQLCORE encountered error from (!) (!). (DBERR 2920)
	CAUSE	SQLCORE has an error from the above routine.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

2921	MESSAGE	Integer or float overflow or underflow on operation ADD. (DBERR 2921)
	CAUSE	The result of an addition operation with INTEGER or FLOAT operands is either too big or too small for the hardware to accommodate.
	ACTION	Modify the expression to yield a result within the limits for the data type.

2922	MESSAGE	PUBLICROW is not allowed on a hash table. (DBERR 2922)
	CAUSE	You are trying to define a hash on a PUBLICROW table, and this combination is not supported.
		or
		You are trying to alter a hash table to type PUBLICROW, but this combination is not supported
	ACTION	Either use a table type of PUBLIC as you define the hash structure, or else convert to a non-hash PUBLICROW table by dropping and recreating the table.

3001	MESSAGE	Invalid ALLBASE/SQL request block. (DBERR 3001)
	CAUSE	Internal error. The ALLBASE/SQL request block has an invalid brand name in its first field. This could be caused by an invalid request block pointer.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

3002	MESSAGE	Invalid parameter-buffer flag in ALLBASE/SQL request block. (DBERR 3002)
	CAUSE	Internal error. The ALLBASE/SQL request block (JRB) has an invalid value for input parameter buffer flag. There is a discrepancy between a module in the program and the stored module.
	ACTION	If you moved a modified program to your DBEnvironment you must drop the old module and reinstall a new module,
		or
		don't use ISQL to execute a module created with a preprocessor
		or
		record as much information as possible and contact your HP service representative or Response Center.

3003	MESSAGE	Invalid parameter-buffer address in ALLBASE/SQL request block. (DBERR 3003)
	CAUSE	Internal error. The ALLBASE/SQL request block (JRB) has an invalid pointer pointing to a parameter buffer.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

3004	MESSAGE	Invalid parameter-buffer length in ALLBASE/SQL request block. (DBERR 3004)
	CAUSE	Internal error. ALLBASE/SQL request block (JRB) has an invalid parameter buffer length.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

3005	MESSAGE	Invalid data-buffer flag in ALLBASE/SQL request block. (DBERR 3005)
	CAUSE	Internal error. ALLBASE/SQL request block (JRB) has an invalid data-buffer flag.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

3006	MESSAGE	Invalid data-buffer address in ALLBASE/SQL request block. (DBERR 3006)
	CAUSE	The SQLRowBuf was set to an invalid address for a dynamic query
		or
		an internal error occurred.
	ACTION	Correct the SQLRowBuf and re-preprocess your program
		or
		record as much information as possible and contact your HP Service Representative or Response Center.

3007	MESSAGE	Invalid data-buffer length in ALLBASE/SQL request block. (DBERR 3007)
	CAUSE	SQLBufLen was set to an invalid length for a dynamic query
		or
		an internal error occurred.
	ACTION	Correct the SQLBufLen and re-preprocess your program
		or
		record as much information as possible and contact your HP Service Representative or Response Center.

3008	MESSAGE	Invalid number of rows requested in ALLBASE/SQL request block. (DBERR 3008)
	CAUSE	SQLNRows was set to an invalid number for a dynamic query
		or
		an internal error occurred.
	ACTION	Correct SQLNRows and re-preprocess your program
		or
		record as much information as possible and contact your HP Service Representative or Response Center.

3024	MESSAGE	Column number ! in node ! out of range. (DBERR 3024)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP service representative or Response Center.

3025	MESSAGE	Null length of ! for value ! is invalid. (DBERR 3025)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

3026	MESSAGE	Unsupported data format of type ! length !. (DBERR 3026)
	CAUSE	Internal error. ALLBASE/SQL detected an unsupported data type or invalid data length.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

3040	MESSAGE	Command rejected - DBCore was terminated. (DBERR 3040)
	CAUSE	Your database administrator issued a STOP DBE statement causing your transaction to be terminated.
	ACTION	Contact your database administrator to find out when the DBEnvironment will be available.

3041	MESSAGE	Command rejected - DBCore is terminating now. (DBERR 3041)
	CAUSE	Your database administrator issued a STOP DBE statement causing the DBEnvironment to shut down.
	ACTION	Contact your database administrator to find out when the DBEnvironment will be available.

3042	MESSAGE	Command rejected - User session was terminated. (DBERR 3042)
	CAUSE	Your database administrator or another user connected to the DBEnvironment using your login name issued a TERMINATE USER statement for your login name. Any active transactions for your login name were terminated.
	ACTION	Contact the person who issued the TERMINATE USER statement and reconnect to the DBEnvironment.

3043	MESSAGE	Command rejected - User session is terminating now. (DBERR 3043)
	CAUSE	Your database administrator or another user connected to the DBEnvironment issued a TERMINATE USER statement for your login name. Any active transactions for your login name were terminated.
	ACTION	Contact the person who issued the TERMINATE USER statement and reconnect to the DBEnvironment.

3047	MESSAGE	Number of query sections exceeds system limit !. (DBERR 3047)
	CAUSE	The number of PREPARE commands exceeded system limit per session.
	ACTION	Keep the number of PREPARE commands within the limit.

3050	MESSAGE	File System Error - Privileged file violation. (DBERR 3050)
	CAUSE	The ownership or file mode of a database or log file, or the directory that contains the file, is incorrect.
	ACTION	Check that user hpdb (uid 27) has at least read and write permission to the directories that contain the database and log files. Check that all database and log files are owned by hpdb, and have a file mode of 600 (- r w - - - - - - -). If necessary, contact your system administrator.

3051	MESSAGE	File System Error - Not enough space in device. (DBERR 3051)
	CAUSE	There is not enough space in the device to support your operation.
	ACTION	Use a different device or contact your database administrator to add more space to the current device.

3054	MESSAGE	File System Error - Nonexistent DBEFile or log file. (DBERR 3054)
	CAUSE	You attempted to access a DBEFile or log file which is missing.
	ACTION	Use the SQLUtil SHOWDBE command and/or SELECT information from SYSTEM.DBEFILE to find out the names of DBEFile0, DBELog and other DBEFiles. Make sure they co-exist with your DBECon file.

3059	MESSAGE	File System Error - Security violation. (DBERR 3059)
	CAUSE	The ownership or file mode of the DBEFile or executable program files (SQLUtil or hpsqlproc) is incorrect. (hpsqlproc is a process invoked whenever ISQL, the preprocessors, or application programs are executed.)
	ACTION	Refer to the *ALLBASE/SQL Database Administration Guide* for additional information.

3060	MESSAGE	File System Error - File already exists or file does not have the permission expected by ALLBASE/SQL. (DBERR 3060)
	CAUSE	The file name you specified in the CREATE DBEFILE statement already exists, or the file does not have the permissions expected by ALLBASE/SQL.
	ACTION	If you are using HP-UX raw files for DBEFiles and logs, you must set the permissions to mode 0600 for the raw file. Any other mode will cause this error.

3061	MESSAGE	File System Error - ! (!). (DBERR 3061)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the system administration manual.

3062	MESSAGE	Location already used for another Tempspace. (DBERR 3062)
	CAUSE	The physical location you specified by the CREATE TEMPSPACE statement is already being used for another tempspace.
	ACTION	Issue the CREATE TEMPSPACE statement again with a different physical location. Or, execute the DROP TEMPSPACE statement to remove the original tempspace from the physical location, and issue the CREATE TEMPSPACE statement again.
3063	MESSAGE	DBECon Error - Cannot use CONNECT command with autostart off. (DBERR 3063)
	CAUSE	You tried to initiate a single-user session with the CONNECT statement and the autostart flag is OFF.
	ACTION	Either use the START DBE statement to initiate the session or ask your database administrator to change the autostart flag to ON.
3064	MESSAGE	DBECon Error - This DBEnvironment does not have !. (DBERR 3064)
	CAUSE	You tried to CONNECT to a DBEnvironment which is not an ALLBASE/SQL DBEnvironment.
	ACTION	No action is necessary. You can only CONNECT to an ALLBASE/SQL DBEnvironment.
3065	MESSAGE	DBECon Error - User attempted NEWLOG and is not creator of DBECon file. (DBERR 3065)
	CAUSE	You attempted to execute the START DBE NEWLOG statement and you are not the creator of the specified DBEnvironment.
	ACTION	Contact your database administrator to find out who the DBECreator is and have the DBECreator issue the appropriate command.

3066	MESSAGE	DBECon Error - File is invalid. (DBERR 3066)
	CAUSE	The file specified is not a DBECon file.
	ACTION	Check your spelling. Issue the command again, specifying a valid DBECon file.

3068	MESSAGE	DBECon Error - Not enough space in device. (DBERR 3068)
	CAUSE	There is not enough space in the device to support your operation.
	ACTION	Use a different device or contact your database administrator to add more space to the current device.

3071	MESSAGE	DBECon Error - Nonexistent file name. (DBERR 3071)
	CAUSE	You specified a non-existent file name on the local node in the START DBE or CONNECT statement. This message may be the first of two messages received. ALLBASE/SQL attempted a remote connection but was unsuccessful.
	ACTION	If your CONNECT statement is for a DBEnvironment on the local node, check your spelling. If you still receive this error, use the HP-UX ls command to make sure that the file really exists in your current working directory. If your CONNECT statement is for a remote DBEnvironment, read the second message for further action to be taken.

3076	MESSAGE	DBECon Error - Security violation. (DBERR 3076)
	CAUSE	The ownership or file mode of the DBECon file or the directory that contains the DBECon file is incorrect.
	ACTION	Check that user hpdb (uid 27) has at least read and write permission to the directory that contains the DBECon file. Check that the DBECon files is owned by hpdb, and has a file mode of 600 (- r w - - - - - - -). If necessary, contact your system administrator. Refer to the *ALLBASE/SQL Database Administration Guide* for additional information.

3077	MESSAGE	DBECon Error - File already exists. (DBERR 3077)
	CAUSE	The file name you specified already exists.
	ACTION	Issue the command again, specifying a unique file name.

3078	MESSAGE	DBECon Error - (! !). (DBERR 3078)
	CAUSE	An HP-UX file system error occurred on the DBECon file.
	ACTION	Refer to the system administration manual.

3079	MESSAGE	DBECon error - Permission denied. (DBERR 3079)
	CAUSE	The DBECon file is inaccessible because: the owner or access mode of the DBECon file have been changed (the owner should be 'hpdb', and the access mode should be 600)
		or
		the owner or access mode of the database process /usr/lib/hpsqlproc have been changed (the owner should be 'hpdb', and the access mode should be 4555).
	ACTION	Use the chmod and/or chown commands to restore the correct owner and access mode to the DBECon file.
		or
		Contact your system administrator.

3080	MESSAGE	DBECon error - Attempted a MULTI user session on a SINGLE user DBEnvironment. (DBERR 3080)
	CAUSE	You tried to initiate a multi-user session on a single user DBEnvironment
		or
		your database administrator has started the DBEnvironment in single-user mode in order to make changes through SQLUtil.
	ACTION	Ask your database administrator to change the DBECon file user mode to MULTI
		or
		ask your database administrator to notify you when the DBEnvironment is again accessible in multi-user mode.

3086	MESSAGE	DBECon Error - File is NFS mounted. (DBERR 3086)
	CAUSE	You attempted to create or access a DBEnvironment on an NFS mounted disk.
	ACTION	To create the DBEnvironment, log onto the server where the DBEnvironment will reside. Install ALLBASE/NET to access the remote DBEnvironment.

3087	MESSAGE	DBECon Error - File mounted on another node in the cluster. (DBERR 3087)
	CAUSE	You attempted to create or access a DBEnvironment on a disk in the cluster that is not mounted locally.
	ACTION	To create the DBEnvironment, log onto the system on which the disk is mounted locally. Install ALLBASE/NET to access the remote DBEnvironment.

3088	MESSAGE	MOVEFILE cannot be used to move DBECon. (DBERR 3088)
	CAUSE	You tried to move the DBECon file using the MOVEFILE statement.
	ACTION	The DBECon file stores the start up parameters for the DBEnvironment defined by the START DBE NEW statement and must remain in the same location as the DBEnvironment.

3100	MESSAGE	COMMIT ARCHIVE attempt was not preceded by a successful BEGIN ARCHIVE. (DBERR 3100)
	CAUSE	Some user has already got a BEGIN ARCHIVE in progress, and some other user attempts to COMMIT ARCHIVE. This is illegal.
	ACTION	Refrain from performing a COMMIT ARCHIVE if you were not the one to have a BEGIN ARCHIVE in the first place.

3101	MESSAGE	START DBE NEWLOG disallowed. Need rollforward recovery. (DBERR 3101)
	CAUSE	You are most probably trying a START DBE NEWLOG on a DBEnvironment that has incomplete transactions in its log. The only operations permitted are START DBE or CONNECT (if AutoStart is enabled); either of these will roll back incomplete transactions and force completed transactions to disk.
	ACTION	First, issue a START DBE statement or a CONNECT (if AutoStart is enabled). Next, stop the DBEnvironment. Finally, attempt the START DBE NEWLOG again.

3102	MESSAGE	START DBE disallowed. Need rollforward recovery. (DBERR 3102)
	CAUSE	The DBEnvironment is still in a fuzzy state. Either you are attempting a START DBE or START DBE NEWLOG on a restored version of an online backup of the DBEnvironment, OR you have performed some but not all the necessary rollforward recovery on this DBEnvironment.
	ACTION	Check the previous rollforward steps if any. Perform as many RECOVERLOG steps with as many logs as necessary to reach the matching COMMIT ARCHIVE point in the log file.

3103	MESSAGE	There are no more logs to switch to. (DBERR 3103)
	CAUSE	This is different from a log full condition. Essentially, if the user attempts to overwrite an archive checkpoint, DBCore will first try to switch to the next log. If this operation fails, the above error is generated.
	ACTION	Check to see if indeed an attempt was made to overwrite an existing archive checkpoint. If the need is genuine, use the ADDLOG command in SQLUtil to add one or more new logs.

3106	MESSAGE	START DBE disallowed: DBEnvironment points to a wrong log file. (DBERR 3106)
	CAUSE	You did not follow your static restore of a DBEnvironment with the NEWLOG command.
	ACTION	Restore DBEnvironment again and perform a NEWLOG command.

3200	MESSAGE	Invalid LONG column I/O syntax. (DBERR 3200)
	CAUSE	You specified a long column input or output target which is not correct.
	ACTION	Check the > or < I/O redirection syntax.

3201	MESSAGE	Invalid LONG column file name. (DBERR 3201)
	CAUSE	The file name is incorrect.
	ACTION	Refer to *A Beginner's Guide to HP-UX* for file naming conventions.

3204	MESSAGE	LONG column file path length too long. ! maximum. (DBERR 3204)
	CAUSE	The pathname exceeds the maximum length allowed.
	ACTION	Shorten the pathname.

3205	MESSAGE	LONG column file access error in module !(!), status code !. (DBERR 3205)
	CAUSE	There is a problem with the file used as the input or output device in a LONG column operation. Either the file does not exist, cannot be read, or cannot be written to.
	ACTION	Ensure that the file exists and has the appropriate permissions.

3206	MESSAGE	LONG column file already exists. (DBERR 3206)
	CAUSE	The output file exists but the OVERWRITE option was not specified.
	ACTION	Remove the file or add the OVERWRITE option.

3207	MESSAGE	LONG column shared memory failed. (DBERR 3207)
	CAUSE	The shared memory id cannot be attached. The shared memory id may be missing or is incorrect.
	ACTION	Verify that you are using the correct shared memory id. Use the ipcs command to double-check the allocated shared memory.

3208	MESSAGE	LONG columns exceed maximum 40 columns. (DBERR 3208)
	CAUSE	You entered more than 40 LONG columns.
	ACTION	Reduce the number of LONG columns.

3210	MESSAGE	Negative length value not allowed for LONG column INSERT. (DBERR 3210)
	CAUSE	You specified a negative value for the length of the long value to be read from the shared memory.
	ACTION	Remove the unary minus sign from the length specification and reissue the statement.

3211	MESSAGE	Length specified is greater than allowed. (DBERR 3211)
	CAUSE	The length of the long value to be read from the shared memory is too large.
	ACTION	Specify a shorter length for the shared memory and reissue the statement.

3220	MESSAGE	LONG column disallowed from remote access. (DBERR 3220)
	CAUSE	You tried to access a long column on another machine.
	ACTION	This feature is not supported yet.

3221	MESSAGE	LONG column disallowed on ORDER BY/DISTINCT/UNION. (DBERR 3221)
	CAUSE	You tried to use an ORDER BY, DISTINCT or UNION on a column defined as a long data type.
	ACTION	Remove the long column from ORDER BY, DISTINCT or UNION clause.

3222	MESSAGE	LONG column disallowed on GROUP BY. (DBERR 3222)
	CAUSE	You tried to use the GROUP BY clause with a column defined as a long data type.
	ACTION	Remove the long column from the GROUP BY clause.

3223	MESSAGE	LONG column disallowed on Expression. (DBERR 3223)
	CAUSE	You tried to use an expression with a column that has been defined as a long data type.
	ACTION	Remove the long column from the expression.
3224	MESSAGE	LONG column disallowed on INDEX. (DBERR 3224)
	CAUSE	You tried to create an index on a column defined as a long data type.
	ACTION	Remove the long column from the column list in the CREATE INDEX statement.
3225	MESSAGE	LONG column disallowed on HASH. (DBERR 3225)
	CAUSE	You tried to specify a hash structure on a column that has been defined as a long data type.
	ACTION	Remove the UNIQUE HASH clause from the CREATE TABLE syntax, or the long column from the UNIQUE HASH clause.
3226	MESSAGE	LONG column disallowed on INSERT from SELECT. (DBERR 3226)
	CAUSE	You tried to insert a column defined as a long data type in a type II INSERT statement.
	ACTION	Remove the long column from the SELECT clause in the INSERT statement.
3227	MESSAGE	Long fields cannot be replicated. (DBERR 3227)
	CAUSE	You attempted to replicate a long data type field.
	ACTION	Remove the long column from the replicate statement.
3228	MESSAGE	Log lock point specified is invalid. (DBERR 3228)
	CAUSE	An invalid log lock point was specified.
	ACTION	Change to a valid log lock point.

3241	MESSAGE	Invalid node type ! not allowed inside atomic block. (DBERR 3241)
	CAUSE	The specified node type is not valid inside an atomic block.
	ACTION	Change to a valid node type.

3242	MESSAGE	Atomic block does not exist while requesting end atomic operation. (DBERR 3242)
	CAUSE	There is an end for an atomic operation without it being started.
	ACTION	Correct the atomic block commands.

3244	MESSAGE	Execution failed causing rollback work inside atomic block. (DBERR 3244)
	CAUSE	The execution failed within an atomic block.
	ACTION	Review the commands within the atomic block and correct the problem.

3245	MESSAGE	Atomic block started already. Nested atomic block is not allowed. (DBERR 3245)
	CAUSE	You have specified a nested atomic block.
	ACTION	Remove the nested atomic block.

3248	MESSAGE	Incorrect data type declared for input/output parameter. (DBERR 3248)
	CAUSE	The input or output parameter has an incorrect data type.
	ACTION	Change to the correct data type.

3300	MESSAGE	DBEFile ! is currently DETACH-ed. (DBERR 3300)
	CAUSE	You attempted to DETACH an already DETACHed DBEFile.
	ACTION	None.

3301	MESSAGE	Attempting to ATTACH an already attached DBEFile !. (DBERR 3301)
	CAUSE	You attempted to ATTACH an already ATTACHed DBEFile.
	ACTION	None.

3302	MESSAGE	Cannot DETACH the SYSTEM DBEFileset or any DBEFile in it. (DBERR 3302)
	CAUSE	You attempted to DETACH a SYSTEM DBEFileset or a DBEFile in the SYSTEM DBEFileset.
	ACTION	If the reason for DETACHment is media failure, perform a complete rollforward recovery.

3303	MESSAGE	DBEFileset ! is currently DETACH-ed. (DBERR 3303)
	CAUSE	You attempted to DETACH an already DETACHed DBEFileset.
	ACTION	None.

3304	MESSAGE	Attempting to ATTACH an already attached DBEFileset !. (DBERR 3304)
	CAUSE	You attempted to ATTACH an already ATTACHed DBEFileset.
	ACTION	None.

3305	MESSAGE	Cannot DROP DBEFile ! while online backup is in progress. (DBERR 3305)
	CAUSE	You attempted to DROP a DBEFile after the online backup has started, but before it has finished.
	ACTION	Wait until the online backup completes and resubmit the command.

3306	MESSAGE	Attempting to access DBEFile ! which is currently DETACH-ed.(DBERR 3306)
	CAUSE	You attempted to read/write data from a detached DBEFile.
	ACTION	ATTACH a DBEFile (partial or full rollforward recovery may be needed before ATTACHing), and restart the transaction.

3307	MESSAGE	Cannot partially rollforward the SYSTEM DBEFileset or any DBEFile in it. (DBERR 3307)
	CAUSE	You attempted to perform a partial rollforward on the SYSTEM.DBEFileSet or a DBEFile in the SYSTEM DBEFileSet.
	ACTION	Perform a complete rollforward recovery.

3308	MESSAGE	OMNIBACK error !. (DBERR 3308)
	CAUSE	OMNIBACK has encountered some problem trying to store/restore DBEnvironment file(s).
	ACTION	Please refer to the OMNIBACK manual.

3309	MESSAGE	DBECreator ! does not exist on the system. (DBERR 3309)
	CAUSE	The DBECreator named does not exist on the system.
	ACTION	Use a correct DBECreator name for this system.

3310	MESSAGE	Cannot specify pseudo-mapped access for DBECon or DBEFile0. (DBERR 3310)
	CAUSE	Pseudo-mapped was specified for DBECon or DBEFile0. They cannot be pseudo-mapped.
	ACTION	Remove pseudo-mapping from the DBECon or DBEFile0 file.

3311	MESSAGE	Command disallowed: user not DBECreator or does not have maintenance word. (DBERR 3311)
	CAUSE	You are not the creator of the DBEnvironment, or the maintenance word was not supplied.
	ACTION	Log on as DBECreator, or supply the maintenance word.

3500	MESSAGE	Maximum IMAGESQL DBEFILESET can not exceed ! pages. (DBERR 3500)
	CAUSE	You attempted to add a DBEFile to IMAGESQL DBEFileSet which would cause the DBEFileSet to exceed its maximum size.
	ACTION	Add a DBEFile which does not violate the maximum number of pages with IMAGESQL DBEFileSet.

3501	MESSAGE	Grant TABLESPACE on ! DBEFILESET is not allowed. (DBERR 3501)
	CAUSE	You attempted to modify default table space. This command is not allowed for users without ALLBASE/SQL license.
	ACTION	No action.

3550	MESSAGE	!.!(!) is not a permanent section or it is a procedure. (DBERR 3550)
	CAUSE	You attempted to EXTRACT a section which is not a permanent section, or it is a procedure.
	ACTION	EXTRACT a section which is a permanent section and it is not a procedure.

3551	MESSAGE	TBL of ! is needed to EXTRACT !.!(!). (DBERR 3551)
	CAUSE	The tuple buffer length is too small for the linear tree.
	ACTION	EXTRACT the section with larger buffer.

3552	MESSAGE	Section !.!(!) is a view. (DBERR 3552)
	CAUSE	The specified section is a view. Views can not be extracted.
	ACTION	No action.

4000	MESSAGE	ALLBASE/SQL code buffer overflow at !. Query aborted. (DBERR 4000)
	CAUSE	ALLBASE/SQL internal code buffer overflow. Input command was too long or too complicated.
	ACTION	Try to simplify the input command.

4001	MESSAGE	ALLBASE/SQL static buffer overflow at !. Query aborted. (DBERR 4001)
	CAUSE	ALLBASE/SQL internal static buffer overflow. Input command was too long or too complicated.
	ACTION	Try to simplify the input command.

4002	MESSAGE	ALLBASE/SQL module buffer overflow at !. Query aborted. (DBERR 4002)
	CAUSE	ALLBASE/SQL internal module buffer overflow. The executable tree for the module was too long.
	ACTION	Try to simplify the input command by breaking up your large query into multiple queries.

4003	MESSAGE	ALLBASE/SQL max query buffers exceeded. Query aborted. (DBERR 4003)
	CAUSE	ALLBASE/SQL internal query buffer overflow. Input command was too long or too complicated.
	ACTION	Try to simplify the input command. Refer to base tables instead of to views as much as possible.

4004	MESSAGE	ALLBASE/SQL input heap overflow at ! - Query aborted. (DBERR 4004)
	CAUSE	ALLBASE/SQL internal input heap overflow. Input command was too long or too complicated.
	ACTION	Try to simplify the input command. Reduce the amount of table and column qualifications as much as possible. If necessary, record as much information as possible and contact your HP Service Representative or Response Center.

4005	MESSAGE	ALLBASE/SQL memory allocation failed. (DBERR 4005)
	CAUSE	ALLBASE/SQL cannot allocate run-time memory. This may be an internal ALLBASE/SQL problem or an operating system problem.
	ACTION	The requested operation cannot be performed. Try starting the database later, issuing the problem operation earlier in the session. Report this problem to your database administrator and system administrator.

4006	MESSAGE	ALLBASE/SQL memory deallocation failed. (DBERR 4006)
	CAUSE	ALLBASE/SQL cannot deallocate (return for re-use) run-time memory. This may be an internal ALLBASE/SQL or an operating system problem.
	ACTION	After this error occurs, you may continue normal processing. The problem becomes a serious one when a long session eventually uses up all space and can not obtain any more space. Report this problem to your database administrator and system administrator.

4007	MESSAGE	ALLBASE/SQL UPDATE STATISTICS ! mismatch with DBCore. (DBERR 4007)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

4008	MESSAGE	ALLBASE/SQL shared memory lock allocation failed in DBCore. (DBERR 4008)
	CAUSE	ALLBASE/SQL ran out of run-time control block space. Your transaction was rolled back.
	ACTION	In multi-user mode, try your query again later
		or
		issue the ALTDBE command in SQLUtil to increase the number of control block pages
		or
		use LOCK TABLE so that individual pages are not locked
		or
		you may be able to use BEGIN WORK CS or BEGIN WORK RU to prevent this error.

4009	MESSAGE	ALLBASE/SQL shared memory allocation failed in DBCore. (DBERR 4009)
	CAUSE	ALLBASE/SQL ran out of run-time control block space. Your transaction was rolled back.
	ACTION	In multi-user mode, try your query again later
		or
		issue the ALTDBE command in SQLUtil to increase the number of control block pages
		or
		use LOCK TABLE so that individual pages are not locked
		or
		you may be able to use BEGIN WORK CS or BEGIN WORK RU to prevent this error.

4010	MESSAGE	ALLBASE/SQL lock limit for session exceeded. (DBERR 4010)
	CAUSE	The total number of locks currently in place for your user session is at the limit specified in the hpsqldebug environment variable.
	ACTION	Either delete the environment variable or else set it to a higher value.

4012	MESSAGE	ALLBASE/SQL pseudocode error. (DBERR 4012)
	CAUSE	Internal error. ALLBASE/SQL opcode is invalid.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

4013	MESSAGE	ALLBASE/SQL tmp buffer overflow at !. Query aborted. (DBERR 4013)
	CAUSE	A temporary, internal SQL buffer overflowed.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

4050	MESSAGE	ALLBASE/SQL internal error at !(!) (Node ! out of context). (DBERR 4050)
	CAUSE	Internal error. The node in question is not a valid one in current context.
	ACTION	If you have performed a backward migration, the view or stored section that you are accessing needs to be dropped and recreated under the current release. If you continue to see this message, record as much information as possible and contact your HP Service Representative or Response Center.

4051	MESSAGE	ALLBASE/SQL internal error at ! (!). (DBERR 4051)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

4053	MESSAGE	ALLBASE/SQL internal error (! !). (DBERR 4053)
	CAUSE	Internal error, possibly caused by the incorrect handling of installed sections after database migration.
	ACTION	Re-preprocess the application and install the new module into the migrated database.

4054	MESSAGE	ALLBASE/SQL internal error (! !). (DBERR 4054)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

4059	MESSAGE	ALLBASE/SQL internal error (!,!,!,!,!). (DBERR 4059)
	CAUSE	Internal error.
	ACTION	Record the file system error code returned and as much information as possible. Contact your HP Service Representative or Response Center.

4101	MESSAGE	ALLBASE/SQL shared memory allocation failed. (! !). (DBERR 4101)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the system administration manual.

4102	MESSAGE	ALLBASE/SQL unable to fork. (! !). (DBERR 4102)
	CAUSE	An HP-UX error occurred.
	ACTION	Refer to the system administration manual.

4103	MESSAGE	ALLBASE/SQL unable to execute hpsqlproc. (! !). (DBERR 4103)
	CAUSE	An HP-UX file system error occurred or you do not have hpsqlproc on the client node.
	ACTION	Refer to the system administration manual, reinstall ALLBASE/SQL if local access is desired, or use NETUtil to configure an AliasDB file for ALLBASE/NET remote access.

4104	MESSAGE	ALLBASE/SQL shared memory attachment failed. (! !). (DBERR 4104)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the system administration manual.

4105	MESSAGE	hpsqlproc process terminated prematurely. (DBERR 4105)
	CAUSE	The process, hpsqlproc, has been terminated prematurely. (hpsqlproc is a process invoked whenever ISQL, the preprocessors, or application programs are executed.)
	ACTION	Issue your command or run your program again. If this problem persists, record as much information as possible and contact your HP Service Representative or Response Center.

4111	MESSAGE	Cannot get ALLBASE/SQL system pointer. (DBERR 4111)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

4112	MESSAGE	Cannot set ALLBASE/SQL system pointer. (DBERR 4112)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

4118	MESSAGE	Invalid JRB version is found. (DBERR 4118)
	CAUSE	The application being run is linked to a newer version of ALLBASE than what is currently installed on your system.
	ACTION	The application needs to be relinked with the current version which is currently installed on your system, or a version of ALLBASE consistent with the application needs to be installed on your system. Contact your system administrator.

4121	MESSAGE	hpsqlproc shared memory attachment failed. (! !). (DBERR 4121)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the system administration manual.

4122	MESSAGE	hpsqlproc detected premature termination of application. (DBERR 4122)
	CAUSE	ISQL, the preprocessor, or an application program terminated prematurely causing hpsqlproc to terminate. (hpsqlproc is a process invoked whenever ISQL, the preprocessors, or an application program is executed.)
	ACTION	If you were running an application program, check for a programming error. If it was not a programming error, record as much information as possible and contact your HP Service Representative or Response Center.

4127	MESSAGE	Back-end data segment increment failed. (! !). (DBERR 4127)
	CAUSE	An HP-UX error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description. Record as much information as possible and contact your HP Service Representative or Response Center.

4128	MESSAGE	Back-end data segment decrement failed. (! !). (DBERR 4128)
	CAUSE	An HP-UX error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description. Record as much information as possible and contact your HP Service Representative or Response Center.

4130	MESSAGE	ALLBASE/SQL internal error. (! !) (DBERR 4130)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

4131	MESSAGE	ALLBASE/SQL internal error. (! !) (DBERR 4131)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

4132	MESSAGE	ALLBASE/SQL internal error. (! !) (DBERR 4132)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

4133	MESSAGE	ALLBASE/SQL internal error. (! !) (DBERR 4133)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

4134	MESSAGE	ALLBASE/SQL internal error. (! !) (DBERR 4134)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

4150	MESSAGE	ALLBASE/SQL already started. (! !) (DBERR 4150)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

4170	MESSAGE	hpsqlproc unable to get a semaphore. (HP-UX errno !) (DBERR 4170)
	CAUSE	The system limit on semaphores may have been reached.
	ACTION	Increase the values of the semmni and semmns system parameters. If the problem persists, refer to the /usr/include/sys/errno.h file for an error description, record as much information as possible, and contact your HP Service Representative or Response Center.

4171	MESSAGE	ALLBASE/SQL unable to post a semaphore. (HP-UX errno !) (DBERR 4171)
	CAUSE	An HP-UX error occurred.
	ACTION	Refer to /usr/include/sys/errno.h file for an error description. Record as much information as possible and contact your HP Service Representative or Response Center.

4172	MESSAGE	hpsqlproc failed while waiting on a semaphore. (HP-UX errno !) (DBERR 4172)
	CAUSE	An HP-UX error occurred.
	ACTION	Refer to /usr/include/sys/errno.h file for an error description. Record as much information as possible and contact your HP Service Representative or Response Center.

4173	MESSAGE	hpsqlproc failed to get attributes of a semaphore. (HP-UX errno !) (DBERR 4173)
	CAUSE	An HP-UX error occurred.
	ACTION	Refer to /usr/include/sys/errno.h file for an error description. Record as much information as possible and contact your HP Service Representative or Response Center.

4174	MESSAGE	hpsqlproc failed to set attributes of a semaphore. (HP-UX errno !) (DBERR 4174)
	CAUSE	An HP-UX error occurred.
	ACTION	Refer to /usr/include/sys/errno.h file for an error description. Record as much information as possible and contact your HP Service Representative or Response Center.

4175	MESSAGE	Multi-connect not supported using signal IPC. (DBERR 4175)
	CAUSE	The front-end and back-end processes are communicating with signals, but multi CONNECT requires a fastipc environment. Fastipc is supported on HP-UX 7.08 and later.
	ACTION	Update HP-UX to a version that supports fastipc.

4200	MESSAGE	ALLBASE/SQL alignment error on column ! in buffer !. (DBERR 4200)
	CAUSE	The formatting information on host variables was generated incorrectly.
	ACTION	Check the format node information in your application program. If the problem was not caused by a programming error, record as much information as possible and contact your HP Service Representative or Response Center.

8101	MESSAGE	Unrecognized command. (DBERR 8101)
	CAUSE	The command name you entered does not exist or was entered incorrectly.
	ACTION	Use the SQLUtil HELP command or refer to the *ALLBASE/SQL Database Administration Guide* to obtain a list and description of valid SQLUtil commands.

8102	MESSAGE	Command not yet implemented. (DBERR 8102)
	CAUSE	The command name you entered does not exist or was entered incorrectly.
	ACTION	Use the SQLUtil HELP command or refer to the *ALLBASE/SQL Database Administration Guide* to obtain a list and description of valid SQLUtil commands.

8103	MESSAGE	File '!' not found. (DBERR 8103)
	CAUSE	The file name specified in the MOVEFILE or PURGEFILE command was entered incorrectly or does not exist.
	ACTION	Check your spelling. Use the HP-UX ls command to verify the existence of the specified file.

8111	MESSAGE	Re-typed maintenance word doesn't match. Maintenance word not changed. (DBERR 8111)
	CAUSE	The maintenance word was not changed because SQLUtil was unsure what the new maintenance word should be.
	ACTION	Issue the SETDBEMAINT command.

8115	MESSAGE	Value must be in the range !..!. (DBERR 8115)
	CAUSE	The value specified for one or more parameters of the ALTDBE is invalid.
	ACTION	Issue the ALTDBE command again, specifying valid numbers for following parameters: Number of Runtime Control Block Pages should be 17 to 128 pages; Number of Data Buffer Pages should a minimum of 15; Number of Log Buffer Pages should be 24 to 120 pages; and Max. Transactions should be 2 to 240 transactions.

8116	MESSAGE	Bad numeric input. (DBERR 8116)
	CAUSE	You entered non-numeric input where numeric input was expected.
	ACTION	Issue the ALTDBE command again, specifying valid numbers.

8118	MESSAGE	Cannot open file. (! !). (DBERR 8118)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the system administration manual.

8131	MESSAGE	File '!' is not a DBEFile. (DBERR 8131)
	CAUSE	The specified file is not a DBEFile.
	ACTION	Issue the command again, specifying a valid DBEFile.

8132	MESSAGE	File '!' not accessible. (! !). (DBERR 8132)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the system administration manual.

8133	MESSAGE	Internal error occurred. (! !). (DBERR 8133)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the system administration manual.

8201	MESSAGE	Open failed on DBECon file. (! !). (DBERR 8201)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file.

8202	MESSAGE	Close failed on DBECon file. (! !). (DBERR 8202)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file.

8203	MESSAGE	Read failed on DBECon file. (! !). (DBERR 8203)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file.

8204	MESSAGE	Write failed on DBECon file. (! !). (DBERR 8204)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file.

8205	MESSAGE	STORE failed. (! !). (DBERR 8205)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file.

8206	MESSAGE	RESTORE failed. (! !). (DBERR 8206)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file.

8207	MESSAGE	Operation not performed; illegal capability. (DBERR 8207)
	CAUSE	You do not have the capability to perform the specified command.
	ACTION	Contact a user who has the required capability. Refer to the *ALLBASE/SQL Database Administration Guide* for additional information on SQLUtil.

8208	MESSAGE	Invalid DBECon file. (DBERR 8208)
	CAUSE	The file you specified in the ALTDBE, MOVEFILE, or PURGEDBE command is not a DBECon file.
	ACTION	Check your spelling. Issue the command again, specifying a valid DBECon file.

8209	MESSAGE	GETINFO failed. (! !). (DBERR 8209)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file.

8210	MESSAGE	Open failed on a DBEFile. (! !). (DBERR 8210)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file.

8211	MESSAGE	Close failed on a DBEFile. (! !) (DBERR 8211)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file.

8212	MESSAGE	Read failed on a DBEFile. (! !) (DBERR 8212)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file.

8213	MESSAGE	Write failed on a DBEFile. (! !) (DBERR 8213)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file.

8214	MESSAGE	Unable to access System Catalog due to error #!. (DBERR 8214)
	CAUSE	You cannot access the System Catalog due to another error.
	ACTION	Refer to the cause and action of the additional error.

8215	MESSAGE	BUILD failed. (! !) (DBERR 8215)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file.

8216	MESSAGE	Permission denied. (DBERR 8216)
	CAUSE	You tried to issue PURGEFILE with superuser but the DBEnvironment directory does not have correct permission.
	ACTION	Set the DBEnvironment directory correctly. Refer to the *ALLBASE/SQL Database Administration Guide*.

8217	MESSAGE	Specified DBEFile is not associated with specified DBEnvironment. (DBERR 8217)
	CAUSE	The DBEFile you specified in the MOVEFILE command exists, but is not associated with the specified DBEnvironment.
	ACTION	Issue the command again, specifying the correct DBEnvironment

8219	MESSAGE	Internal error #!, detail #!. (DBERR 8219)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your ALLBASE/SQL Service Representative or Response Center.

8220	MESSAGE	Not a valid ALLBASE/SQL DBEnvironment. (DBERR 8220)
	CAUSE	You tried to access an HP IMAGE DBEnvironment through SQLUtil.
	ACTION	Use HPIUtil to access HP IMAGE DBEnvironments, and SQLUtil to access ALLBASE/SQL DBEnvironments.
8221	MESSAGE	Internal NLS error. (DBERR 8221)
	CAUSE	The local language table corresponding to your language cannot be accessed, probably because the environment file or custdatatable file does not exist.
	ACTION	Contact your system administrator.
8222	MESSAGE	Message catalog not available - see system administrator. (DBERR 8222)
	CAUSE	The message catalog file cannot be accessed, probably because it does not exist.
	ACTION	Contact your system administrator.
8223	MESSAGE	Invalid Syntax. (DBERR 8223)
	CAUSE	The syntax of the command is invalid.
	ACTION	Refer to the *ALLBASE/SQL Database Administration Guide* for the correct syntax.
8224	MESSAGE	Integer overflow, maximum value = ! (DBERR 8224)
	CAUSE	The integer value specified exceeds the maximum value.
	ACTION	Issue the command again with a valid integer value.

8225	MESSAGE	Backward migration is needed – use SQLMIGRATE. (DBERR 8225)
	CAUSE	The release of the ALLBASE/SQL software does not match the version of the DBEnvironment.
	ACTION	Use the migration tool, SQLMigrate, to migrate the DBEnvironment backward to the proper version or use a newer release of the ALLBASE/SQL software.

8226	MESSAGE	Forward migration is needed – use SQLMIGRATE. (DBERR 8226)
	CAUSE	The release of the ALLBASE/SQL software does not match the version of the DBEnvironment.
	ACTION	Use the migration tool, SQLMigrate, to migrate the DBEnvironment forward to the proper version or use an older release of the ALLBASE/SQL software.

8227	MESSAGE	DBEnvironment corrupted during previous migration. (DBERR 8227)
	CAUSE	At some prior time, a migration attempt failed which corrupted the DBEnvironment in the process.
	ACTION	Restore the DBEnvironment from the backup.

8229	MESSAGE	Keyword required for this command. (DBERR 8229)
	CAUSE	The command you entered requires a keyword for completion.
	ACTION	Enter an appropriate keyword as shown in the help message syntax for the command you entered.

8231	MESSAGE	Illegal input – invalid Unit or Keyword (DBERR 8231)
	CAUSE	The responses to the maximum timeout or default timeout prompts of the ALTDBE command contain an incorrect unit or keyword.
	ACTION	Refer to the *ALLBASE/SQL Database Administration Guide* for the correct syntax of the ALTDBE command.

8232	MESSAGE	Index exceeds buffer size (DBERR 8232)
	CAUSE	An SQLUtil internal error occurred.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

8233	MESSAGE	Unknown option: ! (DBERR 8233)
	CAUSE	The option specified is invalid.
	ACTION	Refer to the *ALLBASE/SQL Database Administration Guide* for the correct syntax.

8234	MESSAGE	Restorelog on device '!' failed. (DBERR 8234)
	CAUSE	You specified an invalid input device when issuing a RESTORELOG command.
	ACTION	Check with your system administrator to obtain the correct device name.

8235	MESSAGE	No such user exists on system. (DBERR 8235)
	CAUSE	The user name you specified in the RESTORE command does not exist.
	ACTION	Check your spelling and the HP-UX password file for legal names and enter the command again, specifying a valid name.

8238	MESSAGE	File name must be no more than ! bytes. (DBERR 8238)
	CAUSE	File name is more than 256 characters.
	ACTION	Change the file name to have a maximum of 256 characters only.

8249	MESSAGE	No Log file name was specified. (DBERR 8249)
	CAUSE	There is no log file name specified.
	ACTION	Please specify a log file name to convert to a wrapper DBEnvironment.

8270	MESSAGE	Cannot make DBEFile0 pseudo-mapped. (DBERR 8270)
	CAUSE	You cannot convert DBEFile0 to a pseudo-mapped file.
	ACTION	No action required. If you wish, choose a different DBEFile for conversion, then issue the MOVEFILE command again.

8271	MESSAGE	Pseudo-mapped file exists in DBEnvironment. Cannot perform STOREONLINE. (DBERR 8271)
	CAUSE	One or more DBEFiles within the DBEnvironment has the file access mode set to pseudo-mapped. The DBEnvironment must contain only mapped access files in order to use the STOREONLINE command.
	ACTION	Use the SQLUtil SHOWACCESS command to determine which files have pseudo-mapped access. If desired, change the access mode of each file from pseudo-mapped to mapped using the SQLUtil MOVEFILE command. Then reissue the STOREONLINE command.

8273	MESSAGE	Too many files, MAX = 128 files. (DBERR 8273)
	CAUSE	Number of files exceeds the limit.
	ACTION	Keep the number of files to be within 128.

.

8274	MESSAGE	Too many files, MAX = 256 files. (DBERR 8274)
	CAUSE	Number of files while restoring exceeds the limit.
	ACTION	Keep the number of files within 256 while restoring.

8275	MESSAGE	Chkpthlp Failed. (DBERR 8275)
	CAUSE	Chkpthlp help command failed. Error occurred while flushing dirty pages from buffer pool.
	ACTION	Checkpoint process is not done. Try this again after giving the checkpoint command in ISQL.

9126	MESSAGE	Allbase Server Error. Invalid format node data type encountered.(DBERR 9126)
	CAUSE	An incorrect node data type was used.
	ACTION	Change to a correct data type.
10000	MESSAGE	Internal error detected at run time. (DBERR 10000)
	CAUSE	SQLCA is corrupt. The command was not executed.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.
10001	MESSAGE	Internal error detected at run time. (DBERR 10001)
	CAUSE	SQLCA.SQLEXT is corrupt. The command was not executed.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.
10002	MESSAGE	More than one row qualifies for SELECT INTO. (DBERR 10002)
	CAUSE	This form of the SELECT statement in a program can handle only single row query results.
	ACTION	Modify the program to use BULK SELECT or FETCH via a cursor.
10003	MESSAGE	EXECUTE IMMEDIATE invalid for a SELECT statement. (DBERR 10003)
	CAUSE	You attempted to use a SELECT statement with an EXECUTE IMMEDIATE statement.
	ACTION	Use the DESCRIBE statement to distinguish between queries and non-queries. Refer to the ALLBASE/SQL application programming guide for the language you are using for additional information on handling dynamic queries.

10004	MESSAGE	EXECUTE IMMEDIATE invalid with host variable. (DBERR 10004)
	CAUSE	The EXECUTE IMMEDIATE statement contained a host variable.
	ACTION	Eliminate the host variable from the EXECUTE IMMEDIATE statement in the source file and re-preprocess your program.

10005	MESSAGE	Too many columns in dynamic FETCH. (DBERR 10005)
	CAUSE	There was not enough buffer space for the number of columns specified in the FETCH statement.
	ACTION	Reduce the number of columns specified in the select list or increase your buffer space, then re-preprocess your program.

10006	MESSAGE	Bad starting index. (DBERR 10006)
	CAUSE	The value stored in the StartIndex host variable named in the INTO clause of a BULK SELECT, BULK FETCH, or BULK INSERT statement was either less than 1 or greater than the number of records the host variable array can accommodate. Control returns to the calling program, but the command is not executed.
	ACTION	Modify the source file constructs that assign a value to StartIndex to ensure that the value is from 1 through the maximum number of records that the host variable can accommodate and re-preprocess your program.

10007	MESSAGE	Bad row count. (DBERR 10007)
	CAUSE	The value stored in the NumberOfRows host variable you named in the INTO clause of a BULK SELECT or BULK FETCH or the VALUES clause of a BULK INSERT statement is negative
		or
		the NumberOfRows plus the StartIndex minus 1 is greater than the number of rows the host variable array can accommodate.
		Control returns to the calling program, but the command is not executed. No rows were retrieved or inserted.
	ACTION	Modify the source file constructs that assign a value to StartIndex to ensure that the value is from 1 through the maximum number of records that the host variable can accommodate and re-preprocess your program.

10008	MESSAGE	Message catalog not available - see system administrator. (DBERR 10008)
	CAUSE	The message catalog may not be installed on your system.
	ACTION	Contact your system administrator.

10010	MESSAGE	DBEnvironment name too long. (DBERR 10010)
	CAUSE	The DBEnvironment name specified at run-time exceeds the maximum of 128 bytes fully qualified.
	ACTION	Re-run your application, specifying a valid DBEnvironment name.

10011	MESSAGE	PREPARE invalid with host variable. (DBERR 10011)
	CAUSE	The PREPARE statement contained a host variable.
	ACTION	Eliminate the host variable from the PREPARE statement in the source file and re-preprocess your program.

10012	MESSAGE	Internal error. Cannot get language information table for user's language. (DBERR 10012)
	CAUSE	The character set table for the language you specified is not accessible.
	ACTION	Install NLS onto system.

10013	MESSAGE	Invalid number of columns specified in SQLDA.SQLN (DBERR 10013)
	CAUSE	The number of columns you specified is less than zero, equal to zero, or greater than 1024.
	ACTION	Change the number of columns to a value greater than zero and less than 1025.

10014	MESSAGE	Invalid format array address in SQLDA.SQLFMTARR. (DBERR 10014)
	CAUSE	SQLDA.SQLFMTARR is not pointing to the buffer.
	ACTION	Initialize SQLDA.SQLFMTARR.

10015	MESSAGE	Invalid version number specified in the SQLX TABLE parameter. (DBERR 10015)
	CAUSE	An unknown TABLE.VERSION setting was passed to the SQLX interface.
	ACTION	Correct the TABLE.VERSION setting.

10016	MESSAGE	Invalid version number specified in the SQLX COLUMNS parameter. (DBERR 10016)
	CAUSE	An unknown COLUMNS.VERSION setting was passed to the SQLX interface.
	ACTION	Correct the COLUMNS.VERSION setting.

10017	MESSAGE	Internal error. Could not allocate or deallocate the linear tree node. (DBERR 10017)
	CAUSE	The linear tree node could not be allocated or deallocated. This may be caused by a memory resource failure.
	ACTION	Try your program again later. If the condition persists, then record as much information as possible and contact your HP Service Representative or Response Center.

10018	MESSAGE	Invalid setting in PARMCB.CODE_FLAG. (DBERR 10018)
	CAUSE	An unknown PARMCB.CODE_FLAG setting was passed to the SQLX interface.
	ACTION	Correct the PARMCB.CODE_FLAG setting.

10019	MESSAGE	Invalid setting in PARMCB.SECTION.SECTION_NUM. (DBERR 10019)
	CAUSE	The PARMCB.SECTION.SECTION_NUM specified is 0, less than -32767, or greater than 32767.
	ACTION	Specify a valid RMCB.SECTION.SECTION_NUM value.

10020	MESSAGE	Cannot change current connection because a transaction is active. (DBERR 10020)
	CAUSE	A transaction is still active when issuing a CONNECT, SET CONNECTION, START DBE, START DBE NEW, or START DBE NEWLOG statement in single-transaction mode.
	ACTION	Either commit or rollback the transaction, or change to multi-transaction mode. Then retry the operation.

10021	MESSAGE	The SQLX function code setting is not supported or invalid. (DBERR 10021)
	CAUSE	An unknown CODE parameter setting was passed to the SQLX interface.
	ACTION	Specify a valid CODE parameter.

10022	MESSAGE	Invalid version number specified in the SQLX AREAS parameter. (DBERR 10022)
	CAUSE	An unknown AREAS.VERSION setting was passed to the SQLX interface.
	ACTION	Specify a valid AREAS.VERSION setting.

10023	MESSAGE	Invalid version number specified in the SQLX SQLEA parameter. (DBERR 10023)
	CAUSE	An unknown SQLEA.VERSION setting was passed to the SQLX interface.
	ACTION	Specify a valid SQLEA.VERSION setting.

10024	MESSAGE	Invalid version number specified in the SQLX SQLPA parameter. (DBERR 10024)
	CAUSE	An unknown SQLPA.VERSION setting was passed to the SQLX interface.
	ACTION	Specify a valid SQLPA.VERSION setting.

10025	MESSAGE	Invalid version number specified in the SQLX PARMCB parameter. (DBERR 10025)
	CAUSE	An unknown PARMCB.VERSION setting was passed to the SQLX interface.
	ACTION	Specify a valid PARMCB.VERSION setting.

10026	MESSAGE	Invalid version number specified in the SQLX SECTION parameter. (DBERR 10026)
	CAUSE	An unknown SECTION.VERSION setting was passed to the SQLX interface.
	ACTION	Specify a valid SECTION.VERSION setting.

10027	MESSAGE	Invalid version number specified in the SQLX STATEMENT parameter. (DBERR 10027)
	CAUSE	An unknown STATEMENT.VERSION setting was passed to the SQLX interface.
	ACTION	Specify a valid STATEMENT.VERSION setting.

10028	MESSAGE	Invalid version number specified in the SQLX PARMS parameter. (DBERR 10028)
	CAUSE	An unknown PARMS.VERSION setting was passed to the SQLX interface.
	ACTION	Specify a valid PARMS.VERSION setting.

10029	MESSAGE	Invalid version number specified in the SQLX DATABUF parameter. (DBERR 10029)
	CAUSE	An unknown DATABUF.VERSION setting was passed to the SQLX interface.
	ACTION	Specify a valid DATABUF.VERSION setting.

10030	MESSAGE	SQL statement not allowed. (DBERR 10030)
	CAUSE	The SQL statement you specified is not allowed in the SQLX routine called.
	ACTION	Specify a valid SQL statement for the SQLX routine called.

10031	MESSAGE	Number of PARMS formats did not match the SQL command. (DBERR 10031)
	CAUSE	The PARMS.PARMBUF_FMT is passed when not needed, or is not passed when needed, or does not match the number of input host variables.
	ACTION	Correct the PARMS.PARMBUF_FMT parameter.

10032	MESSAGE	Number of DATABUF formats did not match the SQL command. (DBERR 10032)
	CAUSE	The DATABUF.BUFFER_FMT is passed when not needed, or is not passed when needed, or does not match the number of input host variables.
	ACTION	Correct the DATABUF.BUFFER_FMT parameter.
10033	MESSAGE	No input host variables specified for BULK INSERT. (DBERR 10033)
	CAUSE	You have not specified input host variables for a BULK INSERT statement.
	ACTION	Specify input host variables in the BULK INSERT statement.
10034	MESSAGE	No output host variables specified for FETCH or SELECT. (DBERR 10034)
	CAUSE	You have not specified output host variables for FETCH or SELECT statements.
	ACTION	Specify output host variables in the FETCH or SELECT statements.
10035	MESSAGE	The SQL statement is unknown. (DBERR 10035)
	CAUSE	The SQL statement you specified cannot be processed by the SQLX interface.
	ACTION	Specify a valid SQL statement.
10036	MESSAGE	The specified connection name is already in use. (DBERR 10036)
	CAUSE	You have specified a connection name that is already used by another CONNECT.
	ACTION	Specify a unique connection name.

10037	MESSAGE	The specified connection name is not open. (DBERR 10037)
	CAUSE	You specified a connection name that is not associated with a CONNECT.
	ACTION	Specify a valid connection name.

10038	MESSAGE	Invalid number of columns in PARMCB.COLUMNS.NUM_COLUMNS. (DBERR 10038)
	CAUSE	The number of columns you specified in PARMCB.COLUMNS.NUM_COLUMNS is less than 0 or greater than 255.
	ACTION	Correct the value of PARMCB.COLUMNS.NUM_COLUMNS.

10039	MESSAGE	Invalid number of formats specified. (DBERR 10039)
	CAUSE	The number of format elements you specified is either less than or equal to 0, or greater than 1024.
	ACTION	Specify the correct number of format elements.

10040	MESSAGE	No more WSL records to transmit. (DBERR 10040)
	CAUSE	A Transmit_Log reader has encountered the end of log. No more log records can be transmitted beyond this point until some more get written.
	ACTION	Wait for a certain period and then retry.

10041	MESSAGE	Invalid MODE specified. (DBERR 10041)
	CAUSE	The mode specified is invalid. Each intrinsic has a specified set of valid modes.
	ACTION	Check the specified mode.

10042	MESSAGE	Invalid FLAG specified. (DBERR 10042)
	CAUSE	The flag specified in the arglist is invalid. Each intrinsic has a specified set of valid flags.
	ACTION	Check the specified flag.

10043	MESSAGE	Invalid log scan id passed. (DBERR 10043)
	CAUSE	This error can be seen by either Transmit_Log or Close_Log_Scan when the scan_id specified in the arglist does not match that of a valid log scan currently open by this process.
	ACTION	Check the scan_id specified in the arglist against the scan_ids previously returned by Open_Log_Scan.

10044	MESSAGE	Invalid log buffer size. (DBERR 10044)
	CAUSE	The buffer_size specified in the arglist is not large enough to contain even the smallest WSL record. This error can be encountered by Transmit_Log and Apply_Log.
	ACTION	Check the buffer_size field in the arglist to determine if it has been properly initialized. If it has been, then a larger buffer should be defined since it is too small to receive any WSL records.

10045	MESSAGE	Invalid value of used log buffer space. (DBERR 10045)
	CAUSE	Apply_Log has determined that the size_used specified in the arglist is invalid. This indicates that either the size_used is smaller than the smallest WSL record possible, or that the size_used is greater than the number of bytes reserved in the log buffer (as indicated by the buffer_size field in the arglist).
	ACTION	Check that the size_used is less than or equal to the buffer_size field in the arglist. The size_used being passed to Apply_Log should also be checked against the value that was returned by Transmit_Log.

10046	MESSAGE	Invalid buffer offset passed. (DBERR 10046)
	CAUSE	Apply_Log has determined that the buffer_offset field specified in the arglist does not point to a valid position in the log buffer. This will occur if the buffer_offset contains a negative value, or a number greater than the size_used field specified in the arglist.
	ACTION	Check the application.

10047	MESSAGE	A WSL record in the log buffer has an invalid record length specified. (DBERR 10047)
	CAUSE	The Apply_Log intrinsic attempts consistency checking on the lengths of records encountered in the log buffer. If the current position in the buffer plus the length of the next log record takes it beyond the end of the used buffer space, Apply_Log will generate this error. On BEGIN WORK, if the op code of the next log record allows predetermining its correct length, the specified record length is checked against this value.
	ACTION	Check the parameters set up by the application.

10048	MESSAGE	A BEGIN WORK WSL record encountered out of sequence. (DBERR 10048)
	CAUSE	This error is generated when Apply_Log encounters the BEGIN WORK WSL record for a new transaction while a previous Apply_Log transaction is still in progress. A possible cause is if an application started applying transaction T1 (which spanned multiple log buffers) and tried to apply transaction T2 before applying the COMMIT WORK WSL record for T1. This error is most likely encountered when a single Apply-Log server process is applying transactions received from multiple open scans. Another possible cause is if a transmission error occurred and the end of the transaction (containing the COMMIT WORK WSL record) was lost.
	ACTION	Check the application. If the application is handling transactions correctly (especially ones that span multiple log buffers) then you may try transmitting again the transactions being applied.

10049	MESSAGE	No apply WSL records transaction currently active. (DBERR 10049)
	CAUSE	Apply_Log encountered a WSL record that was not a BEGIN WORK record, and the BEGIN WORK WSL record has not been processed for the transaction. One cause is if the Apply_Log transaction was aborted and the user tries to continue applying log records without starting at the beginning of the transaction. Another cause is if a transmission error has occurred and the beginning of the transaction has been lost.
	ACTION	Check the application to determine if transactions are correctly reapplied (especially transactions which span multiple log buffers). Then try to transmit the transactions and apply them again. If the condition persists, try closing and reopening the log scan.
10050	MESSAGE	WSL records applied did not match transaction length. (DBERR 10050)
	CAUSE	Apply_Log determined that applying the WSL record will lead to a mismatch between the number of bytes applied for the transaction and the length of the transaction specified in the BEGIN WORK WSL record. For all records, except a COMMIT WORK WSL record, this indicates that the record length plus the number of bytes previously applied would be greater than the transaction length specified in the BEGIN WORK record. For COMMIT WORK records, this error indicates that the length of the COMMIT WORK record plus the number of bytes previously applied does not exactly equal the required transaction length. This is encountered if part of the transaction has been lost (due to transmission errors, buffering schemes, etc.).
	ACTION	Check the application to make sure complete transactions are being buffered and transmitted correctly. Then try to transmit the transactions and apply them again. If the condition persists, try closing and reopening the log scan.
10051	MESSAGE	Invalid number of partitions specified. (DBERR 10051)
	CAUSE	Get_Scr or Modify_Scr encountered an invalid num_partitions in the arglist. The acceptable values for this field are somewhat dependent on the procedure being called in conjunction with the mode specified.
	ACTION	Check the num_partitions specified in the arglist.

10052	MESSAGE	Invalid partition id encountered. (DBERR 10052)
	CAUSE	Get_Scr or Modify_Scr encountered an invalid partition id passed in from the user. For Get_Scr, the partition id in error must be in the array pointed to be the partition_array field in the arglist. For Modify_Scr, the partition id must be in the SCR array for mode 1 (UPDATE SCR), or the partition array for mode 2 (DELETE SCR). All partition ids are required to be positive, non-zero numbers.
	ACTION	Check the partition ids specified by the application.

10053	MESSAGE	Invalid number of SCR slots specified. (DBERR 10053)
	CAUSE	An invalid num_SCR was specified in the arglist. In most cases, a non-positive value was specified. In the case of Get_Scr using mode 1 (SOFT RESYNC), this error can also be encountered if the num_SCR value is less than the value of num_partitions.
	ACTION	Check the parameters specified by the application.

10054	MESSAGE	Invalid specification for number of SCR slots used. (DBERR 10054)
	CAUSE	The num_SCR_used field specified in the arglist is invalid so Open_Log_Scan or Modify_Scr generates this error. For Open_Log_Scan and Modify_SCR (mode 1 only), num_SCR_used must be within the range from 1 to num_SCR.
	ACTION	Check the parameters specified by the application.

10055	MESSAGE	Invalid specification for maximum number of log files.(DBERR 10055)
	CAUSE	An invalid number of max_logfiles for the backward scan during Open_Log_Scan was specified. This parameter can be either -1 (the default) or a non-positive number.
	ACTION	Check the parameters specified by the application.

10056	MESSAGE	Could not allocate heap space needed for procedure. (DBERR 10056)
	CAUSE	Open_Log_Scan gives this error while allocating control blocks needed for opened scans. This error states that the routine was unable to allocate the necessary heap space to be able to open the log scan. If multiple scans are opened on the same DBEnvironment, each opened scan receives a new set of control blocks (which are allocated in the heap), and this problem could be due to having many scans opened (instead of combining them into one open scan).
	ACTION	Determine the amount of heap space used by the application. If an excessive amount is used, the application should be modified to use less. If the heap allocation has previously worked on the system, first check the number of users on the system, then use SQLMON to see global swap space utilization plus heap usage for individual user processes. If numerous scans are open on the same DBE, the problem could be alleviated if the open scans are combined into one open scan (and thus only one set of scan control blocks).

10057	MESSAGE	Invalid exception number. (DBERR 10057)
	CAUSE	You specified an invalid exception number when requesting diagnostic information.
	ACTION	Specify a valid exception number.

10058	MESSAGE	Invalid DBEnvironment or connection name length. (DBERR 10058)
	CAUSE	You specified a DBEnvironment or connection name length which is less than or equal to 0, or greater than 128.
	ACTION	Specify a valid DBEnvironment or connection name.

10059	MESSAGE	Invalid BEGIN WORK setting. (DBERR 10059)
	CAUSE	You specified a bad transaction priority or isolation level when starting a transaction.
	ACTION	Specify a valid transaction priority or isolation level in the BEGIN WORK statement.

10060	MESSAGE	Invalid format node data type encountered. (DBERR 10060)
	CAUSE	The data type you specified in one of the format array elements is not a valid SQL data type.
	ACTION	Specify a valid SQL data type.

10061	MESSAGE	Invalid format string specified. (DBERR 10061)
	CAUSE	The format string you specified is invalid.
	ACTION	Specify a valid format string.

10062	MESSAGE	Invalid setting in PARMCB.CURSOR_NUM. (DBERR 10062)
	CAUSE	The cursor number you specified in PARMCB.CURSOR_NUM is either 0, less then -32767, or greater than 32767.
	ACTION	Specify a valid cursor number in PARMCB.CURSOR_NUM.

10063	MESSAGE	Invalid format node type encountered. (DBERR 10063)
	CAUSE	The format node type you specified in one of the format array elements is invalid.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

10064	MESSAGE	Invalid PARMCB.PARMS.PARMBUF_LEN specified. (DBERR 10064)
	CAUSE	The length you specified in PARMCB.PARMS.PARMBUF_LEN is less than or equal to zero.
	ACTION	Specify a valid length in PARMCB.PARMS.PARMBUF_LEN.

10065	MESSAGE	Invalid PARMCB.DATABUF.ROW_LEN specified. (DBERR 10065)
	CAUSE	The length you specified in PARMCB.DATABUF.ROW_LEN is less than or equal to zero.
	ACTION	Specify a valid length in PARMCB.DATABUF.ROW_LEN.

10066	MESSAGE	Invalid savepoint specified. (DBERR 10066)
	CAUSE	The savepoint number you specified is negative.
	ACTION	Specify a valid savepoint number.

10067	MESSAGE	Invalid setting in PARMCB.DATABUF.USE_FLAG. (DBERR 10067)
	CAUSE	The data buffer use flag you specified in PARMCB.DATABUF.USE_FLAG is invalid.
	ACTION	Specify a valid data buffer use flag in PARMCB.DATABUF.USE_FLAG.

10068	MESSAGE	Invalid setting in SQLEA. (DBERR 10068)
	CAUSE	You specified an invalid SQLX environment control setting.
	ACTION	Correct the value of SQLEA.

10069	MESSAGE	The maximum number of DBEnvironments have been connected. (DBERR 10069)
	CAUSE	An attempt to connect to a DBEnvironment was rejected because the maximum number of database connections has been reached.
	ACTION	Release some existing connections.

10071	MESSAGE	SQLX internal error - Pascal escapecode !.(DBERR 10071)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

10074	MESSAGE	Invalid offset for last record passed. (DBERR 10074)
	CAUSE	This can be returned by audit_log when the last_rec_offset field contains an invalid value.
	ACTION	Check the application to determine what value is being passed and whether it is within the domain of the log buffer space.

10075	MESSAGE	Invalid number of records in column array. (DBERR 10075)
	CAUSE	The num_columns field in the Arglist has been initialized to a negative number.
	ACTION	Check the application program to determine whether this field is being initialized properly.

10076	MESSAGE	Invalid number of records in update column array. (DBERR 10076)
	CAUSE	The num_upd_cols field in the Arglist has been initialized to a negative number.
	ACTION	Check the application program to determine whether this field is being initialized properly.

10077	MESSAGE	Insufficient space in log buffer to return next log record. (DBERR 10077)
	CAUSE	Transmit log was unable to transmit the log record into the log buffer because there was insufficient space to hold it. This warning can only be encountered if the first record to transmit will not fit into the log buffer.
	ACTION	Allocate a larger log buffer space and call transmit_log again.

10080	MESSAGE	XA Interface protocol error occurred. (DBERR 10080)
	CAUSE	You specified incorrect XA call interface protocol.
	ACTION	Refer to the X/OPEN XA Interface standard for possible causes.

10081	MESSAGE	Internal error. Could not allocate or deallocate the DCB. (DBERR 10081)
	CAUSE	The DBE Control Block could not be allocated or deallocated, possibly because of a memory resource failure.
	ACTION	Try your program later. If the condition persists, then record as much information as possible and contact your HP Service Representative or Response Center.

10082	MESSAGE	Internal error. Could not allocate or deallocate the GCB. (DBERR 10082)
	CAUSE	The Global Control Block could not be allocated or deallocated, possibly because of a memory resource failure.
	ACTION	Try your program later. If the condition persists, then record as much information as possible and contact your HP Service Representative or Response Center.

10083	MESSAGE	Internal error. Could not get the Star/Externals KPO. (DBERR 10083)
	CAUSE	The SQLX runtime interface is unable to obtain the Star/Externals KPO.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

10084	MESSAGE	Internal error. Could not set the Star/Externals KPO. (DBERR 10084)
	CAUSE	The SQLX runtime interface is unable to set the Star/Externals KPO.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

10085	MESSAGE	Internal error. Could not allocate the Star/Externals KPO. (DBERR 10085)
	CAUSE	The Star/Externals KPO could not be allocated, possibly because of a memory allocation failure.
	ACTION	Try your program later. If the condition persists, then record as much information as possible and contact your HP Service Representative or Response Center.

10086	MESSAGE	XA Interface ALLBASE/SQL protocol error occurred. (DBERR 10086)
	CAUSE	An incorrect combination of XA call interface and ALLBASE/SQL protocol was performed.
	ACTION	Refer to the X/OPEN XA Interface standard for possible causes.

10087	MESSAGE	A transaction is active in another DBEnvironment connection. (DBERR 10087)
	CAUSE	A SET MULTITRANSACTION OFF statement was rejected because at least one transaction is active outside of the current DBEnvironment connection.
	ACTION	Complete any active transactions associated with other DBEnvironment connections using either COMMIT WORK or ROLLBACK WORK, and retry the statement.

10088	MESSAGE	XA Interface rmfail error occurred. (DBERR 10088)
	CAUSE	A resource manager failure has occurred in the XA interface.
	ACTION	Refer to the X/OPEN XA Interface standard for possible causes.

10089	MESSAGE	Error occurred opening the module file. (DBERR 10089)
	CAUSE	The specified module file could not be opened.
	ACTION	Ensure that the module file exists, and that it can be read and written to. If the condition persists, then record as much information as possible and contact your HP Service Representative or Response Center.

10090	MESSAGE	The module file is empty. (DBERR 10090)
	CAUSE	The specified module file to be installed is empty.
	ACTION	Specify the correct module file name, or create new module file.

10091	MESSAGE	The file is not a module file, or it is corrupted. (DBERR 10091)
	CAUSE	The specified module file to be installed is either corrupt or is not a module file.
	ACTION	Specify the correct module file name, or create new module file.

10092	MESSAGE	Incorrect protocol when installing or creating a module file. (DBERR 10092)
	CAUSE	You attempted to install and create a module file simultaneously
		or
		the file identifier passed to the install is different from the one assigned when the module file was opened.
	ACTION	Do not attempt to install and create a module file simultaneously
		or
		pass the file identifier set when the module file was opened.

10093	MESSAGE	Error occurred reading the module file. (DBERR 10093)
	CAUSE	The specified module file could not be read.
	ACTION	Ensure that the module file exists and that it has the correct read/write permissions. If the condition persists, then record as much information as possible and contact your HP Service Representative

10094	MESSAGE	Error occurred closing the module file. (DBERR 10094)
	CAUSE	The specified module file could not be closed.
	ACTION	Ensure that the module file exists. If the condition persists, then record as much information as possible and contact your HP Service Representative

10095	MESSAGE	Module file created with with different product or version. (DBERR 10095)
	CAUSE	The specified module file to be installed was created from an incompatible version of ALLBASE/SQL.
	ACTION	Recreate the module file with the current version of ALLBASE/SQL.

10096	MESSAGE	Error occurred writing the module file. (DBERR 10096)
	CAUSE	The specified module file could not be written to.
	ACTION	Ensure that the module file exists and that it can be written to. If the condition persists, then record as much information as possible and contact your HP Service Representative

10900	MESSAGE	PRESERVE or REVOKE may not be used without DROP option. (DBERR 10900)
	CAUSE	The preprocessor INFO string contained the NODROP option (or defaulted to NODROP because DROP was not specified) and also contained a PRESERVE or REVOKE option.
	ACTION	The PRESERVE and REVOKE options only apply when the DROP option is also specified. Invoke the preprocessor again, specifying only valid combinations of options in the INFO string.

10901	MESSAGE	DROP or NODROP option may only be specified once. (DBERR 10901)
	CAUSE	The preprocessor INFO string contained both DROP and NODROP options or duplicate DROP or NODROP options.
	ACTION	Invoke the preprocessor again eliminating the invalid DROP and NODROP combination or specifying the DROP or NODROP option only once.

10902	MESSAGE	DBEnvironment name too long. (DBERR 10902)
	CAUSE	The DBEnvironment name specified in the invocation line for the preprocessor was too long.
	ACTION	Invoke the preprocessor again, specifying a valid DBEnvironment name. Refer to the *ALLBASE/SQL Reference Manual* for naming conventions.

10903	MESSAGE	DBEnvironment name missing. (DBERR 10903)
	CAUSE	The preprocessor invocation line contained neither a DBEnvironment name nor the -s option.
	ACTION	Invoke the preprocessor again, specifying one of these two options.

10904	MESSAGE	Invalid DBEnvironment name. (DBERR 10904)
	CAUSE	The DBEnvironment name you specified in the preprocessor invocation line is invalid.
	ACTION	Invoke the preprocessor again, specifying a valid DBEnvironment name.

10905	MESSAGE	MODULE name too long. (DBERR 10905)
	CAUSE	The module name you specified in the preprocessor invocation line exceeded the maximum length of 20 bytes.
	ACTION	Invoke the preprocessor again, specifying a valid module name.

10906	MESSAGE	OWNER name too long. (DBERR 10906)
	CAUSE	The owner name you specified in the preprocessor invocation line exceeded the maximum length of 20 bytes.
	ACTION	Invoke the preprocessor again, specifying a valid owner name.

10907	MESSAGE	File open error. (DBERR 10907)
	CAUSE	The source file you specified in the preprocessor invocation line does not exist.
	ACTION	Check your spelling. Use the HP-UX ls command to make sure the specified file exists.

10908	MESSAGE	Error in preprocessor command line. (DBERR 10908)
	CAUSE	An error occurred in the preprocessor invocation line. An additional error message will be returned.
	ACTION	Refer to the cause and action of the additional error message.

10920	MESSAGE	Memory allocation failed. (DBERR 10920)
	CAUSE	The preprocessor was unable to obtain the additional memory it needed.
	ACTION	Try preprocessing your program later or reduce the size of the program.

10921	MESSAGE	Input source file not found. (DBERR 10921)
	CAUSE	The preprocessor could not locate the specified input source file name.
	ACTION	Check your spelling and the pathname specified, then invoke the preprocessor again.

10922	MESSAGE	System error in opening input source file. (DBERR 10922)
	CAUSE	The source file you specified is currently being accessed.
	ACTION	Wait until the source file is no longer being accessed, then invoke the preprocessor again.

10923	MESSAGE	Processing terminated prematurely. (DBERR 10923)
	CAUSE	An error occurred which caused preprocessing to be terminated. An additional error message will be returned.
	ACTION	Refer to the cause and action of the additional error message.

10925	MESSAGE	Integer value too large. (DBERR 10925)
	CAUSE	You specified an integer value in the source program that exceeds the largest legal integer on the system.
	ACTION	Correct the integer value and re-preprocess your program.

10926	MESSAGE	Comment not ended before end of file. (DBERR 10926)
	CAUSE	A comment line was not closed before the end of the file.
	ACTION	Close the comment line with "*) " and re-preprocess your program.

10927	MESSAGE	Illegal character. (DBERR 10927)
	CAUSE	The preprocessor detected a control character before the end of the file. The character was skipped and no module was stored.
	ACTION	Delete the control character and re-preprocess your program.

10929	MESSAGE	No ending semicolon before end of file. (DBERR 10929)
	CAUSE	An SQL statement was not ended with a semicolon.
	ACTION	Check your Pascal program to make sure that all SQL statements are ended with a semicolon and then re-preprocess your program.

10931	MESSAGE	Syntax error in program header. (DBERR 10931)
	CAUSE	Your program statement contained a syntax error.
	ACTION	Refer to the appropriate host language reference manual for correct syntax.

10932	MESSAGE	Syntax error in host variable declaration. (DBERR 10932)
	CAUSE	Declarations that appear in the declare section of the source file are not allowed by the preprocessor. No module was stored.
	ACTION	Correct the host variable declaration in the source file and re-preprocess your program. Refer to the ALLBASE/SQL application programming guide for the language you are using for additional information on host variable declaration syntax.

10933	MESSAGE	Unsupported type syntax for host variable. (DBERR 10933)
	CAUSE	The host variable type you specified in the BEGIN or DECLARE section of your program was invalid.
	ACTION	Refer to the ALLBASE/SQL application programming guide for the language you are using for valid host variable types.

10934	MESSAGE	Semicolon expected. (DBERR 10934)
	CAUSE	There was a semicolon missing on the specified line of your C or Pascal program.
	ACTION	Add the semicolon and re-preprocess your program.

10935	MESSAGE	Unmatched END DECLARE SECTION. (DBERR 10935)
	CAUSE	You did not include a BEGIN DECLARE SECTION in your source file.
	ACTION	Add BEGIN DECLARE SECTION before your first host variable declaration and re-preprocess your program.

10936	MESSAGE	Syntax error. (DBERR 10936)
	CAUSE	An unrecognized syntax error occurred.
	ACTION	Correct the syntax in either the line specified in the error message or the line immediately preceding or immediately following the specified line. Refer to the ALLBASE/SQL application programming guide for the language you are using for additional information.

10937	MESSAGE	Syntax error caused skip to end of DECLARE SECTION. (DBERR 10937)
	CAUSE	An unrecognized syntax error occurred in the host variable declaration section.
	ACTION	Correct the syntax in either the specified line in the error message or the line immediately preceding or immediately following the specified line. Refer to the ALLBASE/SQL application programming guide for the language you are using for additional information.

10938	MESSAGE	This host variable was previously declared. (DBERR 10938)
	CAUSE	You specified the same name for more than one host variable.
	ACTION	Either delete one occurrence of the variable or correct one of the host variables to specify a unique name and re-preprocess your program.

10939	MESSAGE	Table element must occur one or more times. (DBERR 10939)
	CAUSE	You specified a table declaration in the DECLARE section with an invalid value in the OCCURS clause.
	ACTION	Specify an integer value greater than zero in the table declaration OCCURS clause.

10940	MESSAGE	Array lower bound may not exceed upper bound. (DBERR 10940)
	CAUSE	The array lower bound was greater than the array upper bound.
	ACTION	Correct the host variable declare section specifying valid array bounds, and re-preprocess your program. Refer to the ALLBASE/SQL application programming guide for the language you are using for additional information.

10941	MESSAGE	Invalid STRING size. (DBERR 10941)
	CAUSE	The size of the string you specified is invalid for a Pascal program.
	ACTION	Modify your Pascal program so that the string is from 1 through 32,767 bytes long, then re-preprocess your program.

10942	MESSAGE	Invalid size for variable of that type. (DBERR 10942)
	CAUSE	The size you specified for the FORTRAN host variable is not valid for that type of host variable.
	ACTION	Modify the declaration of the host variable so that it is a valid size. Refer to the *ALLBASE/SQL FORTRAN Application Programming Guide* for additional information on host variables.

10943	MESSAGE	Include file open error. (DBERR 10943)
	CAUSE	You encountered a system error while attempting to open the specified include file.
	ACTION	Verify that the specified include file exists; if so, check the spelling of the include file name. Verify that all components of the specified path exist. Verify that appropriate read privileges exist for the specified include file.

10944	MESSAGE	Unrecognized syntax encountered. Parse aborted. (DBERR 10944)
	CAUSE	An unrecognized syntax error occurred. The preprocessor was unable to continue.
	ACTION	Correct the syntax in either the line specified in the error message or the line immediately preceding. Refer to the ALLBASE/SQL application programming guide for the language you are using for additional information.

10945	MESSAGE	Illegal type for record field. (DBERR 10945)
	CAUSE	The host variable type you specified in the DECLARE section of your program was invalid.
	ACTION	Refer to the ALLBASE/SQL application programming guide for the language you are using for valid host variable types.

10947	MESSAGE	Preprocessor does not support this statement. (DBERR 10947)
	CAUSE	You included an SQL statement which cannot be embedded in the language you are using.
	ACTION	Delete the SQL statement and re-preprocess your program.

10948	MESSAGE	Unrecognized WHENEVER action. (DBERR 10948)
	CAUSE	The condition or action you specified in the WHENEVER clause is invalid or the label specified for a GOTO action is invalid.
	ACTION	Correct the syntax in your WHENEVER clauses and re-preprocess your program. Keep in mind that valid conditions are SQLWARNING, SQLERROR, and NOT FOUND. Valid actions are STOP, GOTO, and CONTINUE.

10949	MESSAGE	Undeclared host variable. (DBERR 10949)
	CAUSE	The SQL statement you specified a host variable which was either not declared or was incorrectly declared in the host variable declaration section.
	ACTION	Either enter the host variable if it was not declared or correct it if it was entered incorrectly and re-preprocess your program.

10950	MESSAGE	Indicator variable type must be SQLIND. (DBERR 10950)
	CAUSE	The host variable you used as an indicator variable in an SQL statement was not declared as SQLIND in the host variable declaration.
	ACTION	Either modify the SQL statement to use a host variable declared as SQLIND or modify the declaration of the host variable to be SQLIND and re-preprocess your program.

10951	MESSAGE	Stand-alone SELECT statement requires INTO clause. (DBERR 10951)
	CAUSE	Your embedded SELECT statement did not include the required INTO clause which defines the host variables for holding rows returned to the application program.
	ACTION	Modify the SELECT statement to include the required INTO clause and re-preprocess your program. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the SELECT statement.

10953	MESSAGE	Cannot connect to DBEnvironment. (DBERR 10953)
	CAUSE	The DBEnvironment you specified does not exist
		or
		the DBEnvironment you specified is in use and the user mode is set to SINGLE
		or
		you do not have the required authority to access the DBEnvironment.
	ACTION	Check your spelling
		or
		wait until the DBEnvironment is not being accessed
		or
		contact your database administrator to obtain the required CONNECT authority.

10954	MESSAGE	Cannot begin transaction. (DBERR 10954)
	CAUSE	A transaction could not begin. An additional message will be returned.
	ACTION	Refer to the cause and action of the additional message.

10955	MESSAGE	Cannot drop module. (DBERR 10955)
	CAUSE	You do not have the required authority to drop the specified module
		or
		an additional message will be returned.
	ACTION	No action is necessary. You must either be the owner or the database administrator to drop a module
		or
		refer to the cause and action of the additional message.

10956	MESSAGE	Cursor name must be a single identifier. (DBERR 10956)
	CAUSE	You attempted to qualify a cursor with an owner or module name.
	ACTION	Delete the cursor name qualification in the specified statement and re-preprocess your program.

10957	MESSAGE	Indicator variables not allowed in this statement. (DBERR 10957)
	CAUSE	You specified an indicator variable in a statement that does not allow indicator variables.
	ACTION	Remove the indicator variable from the statement
		or
		verify that the host variables have the correct data types.

10958	MESSAGE	A query is already defined with this cursor name. (DBERR 10958)
	CAUSE	You attempted to declare a cursor which was already declared.
	ACTION	Modify one occurrence of the DECLARE CURSOR statement to specify a unique cursor name and re-preprocess your program.

10959	MESSAGE	There is no declared query with this cursor name. (DBERR 10959)
	CAUSE	The SQL statement referenced a cursor which had not been declared.
	ACTION	Insert a DECLARE CURSOR statement before referencing the cursor and re-preprocess your program.

10960	MESSAGE	Insufficient input host variables. (DBERR 10960)
	CAUSE	You specified too few input host variables in the OPEN statement to cover the columns specified in the cursor declaration.
	ACTION	Make sure that there is a host variable listed for each column specified and re-preprocess your program.

10961	MESSAGE	Too many input host variables. (DBERR 10961)
	CAUSE	You specified too many host variables in the OPEN statement for the number of columns specified in the cursor declaration.
	ACTION	Make sure that there is a column specified for each host variable listed and re-preprocess your program.

10962	MESSAGE	Command name must be a single identifier. (DBERR 10962)
	CAUSE	You qualified a command name with the owner or module name.
	ACTION	Delete the command name qualification.

10963	MESSAGE	This command already used. (DBERR 10963)
	CAUSE	You attempted to PREPARE a statement using a command name which has already been used in another PREPARE statement.
	ACTION	Modify one of the PREPARE statements to specify a unique command name and re-preprocess your program.

10964	MESSAGE	The host variable must be of type STRING or PAC. (DBERR 10964)
	CAUSE	You specified host variables which were not of the string or packed array type.
	ACTION	Modify the DECLARE section of your host variable so that the host variable is of the string or packed array type. Refer to the *ALLBASE/Pascal Application Programming Guide* for additional information.

10965	MESSAGE	Character string is too long. (DBERR 10965)
	CAUSE	A string literal you specified in a PREPARE or EXECUTE IMMEDIATE statement exceeded the maximum limit of 2048 characters.
	ACTION	Modify the command to specify a value within the valid limits.

10966	MESSAGE	No prepared query found by this command name. (DBERR 10966)
	CAUSE	The EXECUTE statement contained a command name which was not prepared in the same subprogram unit.
	ACTION	Check your spelling. If the command name is correct, insert an appropriate PREPARE statement before the EXECUTE statement and re-preprocess your program.

10967	MESSAGE	Cannot open command with host variable parameters. (DBERR 10967)
	CAUSE	You specified a host variable in your DECLARE CURSOR statement.
	ACTION	Remove the host variable from your DECLARE CURSOR statement and re-preprocess your program.

10968	MESSAGE	A cursor on a PREPAREd command is illegal for non-dynamic queries. (DBERR 10968)
	CAUSE	The cursor you specified was associated with a PREPAREd dynamic query. A cursor with a non-dynamic query should be used.
	ACTION	Change the query to use a cursor associated with a non-dynamic query or change the query to a dynamic query. Refer to the ALLBASE/SQL application programming guide for the language you are using for additional information.

10969	MESSAGE	A cursor on a PREPAREd command is required for dynamic queries. (DBERR 10969)
	CAUSE	The cursor you specified was not associated with a PREPAREd dynamic query. A cursor associated with a dynamic query should be used.
	ACTION	Change the query to use a cursor associated with a dynamic query or change the query to a non-dynamic query. Refer to the ALLBASE/SQL application programming guide for the language you are using for additional information.

10970	MESSAGE	Warnings when connecting to DBEnvironment. (DBERR 10970)
	CAUSE	Additional messages will be returned.
	ACTION	Refer to the cause and action of the additional messages.

10971	MESSAGE	Warnings when beginning transaction. (DBERR 10971)
	CAUSE	Additional messages will be returned.
	ACTION	Refer to the cause and action of the additional messages.

10972	MESSAGE	Fields of type SQLIND must follow non-SQLIND fields. (DBERR 10972)
	CAUSE	Fields of type SQLIND cannot be the first field in a host variable record declaration nor immediately follow another SQLIND field.
	ACTION	Resequence the fields in the record declaration and check for missing or duplicated fields, then re-preprocess your program.

10973	MESSAGE	Host variable type must be integer. (DBERR 10973)
	CAUSE	The host variable type you specified in your BULK command was invalid.
	ACTION	Declare the host variable as integer and then re-preprocess your program.

10974	MESSAGE	Too many INTO parameters found in bulk statement. (DBERR 10974)
	CAUSE	You named more than three host variables in the INTO clause of a BULK FETCH or BULK SELECT statement. Preprocessing terminates and no module is stored.
	ACTION	Correct the INTO clause so that it contains at most three host variables: Buffer, StartIndex, and NumberOfRows and re-preprocess your program.

10975	MESSAGE	Illegal host variable type. (DBERR 10975)
	CAUSE	The host variable type you specified was invalid.
	ACTION	Declare the host variable specifying a valid type. Refer to the ALLBASE/SQL application programming guide for the language you are using for additional information on host variable types.

10976	MESSAGE	Variable must be compatible with CHAR(n), n > 1. (DBERR 10976)
	CAUSE	The declaration for a host variable you named in an SQLEXPLAIN, PREPARE, or EXECUTE statement is not valid.
	ACTION	Specify a valid type in the host variable declaration. Refer to the ALLBASE application programming guide for the language you are using for additional information.

10977	MESSAGE	ALLBASE/SQL preprocessor error. (DBERR 10977)
	CAUSE	An error condition was detected by the preprocessor. Additional error messages will be returned.
	ACTION	Refer to the cause and action of the additional error messages.

10978	MESSAGE	ALLBASE/SQL statement parser error. (DBERR 10978)
	CAUSE	An error condition was detected by the statement parser. Additional error messages will be returned.
	ACTION	Refer to the cause and action of the additional error messages.

10982	MESSAGE	No ending single quote before end of line. (DBERR 10982)
	CAUSE	A string literal was not properly terminated before the end of the line or end of the file. No ending single quote was found to match a beginning single quote.
	ACTION	Verify that the string literal is terminated by an ending single quote on the same line as the beginning single quote. If the string literal is longer than a single line, verify that the line is properly continued following conventions specified in the ALLBASE/SQL application programming guide for the language you are using.

10983	MESSAGE	No ending double quote before end of line. (DBERR 10983)
	CAUSE	A string literal was not properly terminated before the end of the line or end of the file. No ending double quote was found to match a beginning double quote.
	ACTION	Verify that the string literal is terminated by an ending double quote on the same line as the beginning double quote. If the string literal is longer than a single line, verify that the line is properly continued following conventions specified in the ALLBASE/SQL application programming guide for the language you are using.

10984	MESSAGE	Error in continuation of string literal. (DBERR 10984)
	CAUSE	A string literal was not properly continued across lines.
	ACTION	Verify that the line continuation follows conventions specified in the ALLBASE/SQL application programming guide for the language you are using.

10985	MESSAGE	Heap allocation failed. (DBERR 10985)
	CAUSE	The preprocessor was unable to obtain the additional memory it needed.
	ACTION	Try preprocessing your program later or reduce the size of the program.

10990	MESSAGE	Error while writing to file. (DBERR 10990)
	CAUSE	An error occurred while the preprocessor was writing to a file.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

10992	MESSAGE	Host variable type must be integer or short integer. (DBERR 10992)
	CAUSE	The data type of the host variable is invalid.
	ACTION	Declare the host variable as an integer or a small integer.

10993	MESSAGE	Embedded savepoint requires a host variable. (DBERR 10993)
	CAUSE	A host variable was not specified in your SAVEPOINT statement.
	ACTION	Modify your command specifying a valid host variable and re-preprocess your program. Refer to the *ALLBASE/SQL Reference Manual* for additional information on the SAVEPOINT statement.

10994	MESSAGE	Syntax error in option specification. (DBERR 10994)
	CAUSE	A syntax error was encountered in a compiler option.
	ACTION	Verify that the specified compiler option follows conventions specified in the ALLBASE/SQL application programming guide for the language you are using.

10995	MESSAGE	Invalid array size. (DBERR 10995)
	CAUSE	A string or array size you specified was greater than the maximum allowable.
	ACTION	Modify the declaration of the string or array so that the length is less than or equal to 32764 bytes.

10996	MESSAGE	Host variable buffer required. (DBERR 10996)
	CAUSE	You did not specify a host variable buffer in the value field of the BULK INSERT statement.
	ACTION	Modify the command within your program to specify a host variable buffer in the value field and re-preprocess your program.

10998	MESSAGE	Output filename too long. (DBERR 10998)
	CAUSE	The output filename you specified in the invocation string is greater than 9 bytes (excluding extensions)
		or
		if no output filename was specified, the input source file name (the default) is greater than 9 bytes (excluding extensions).
	ACTION	Reinvoke the preprocessor specifying an output filename containing less than or equal to 9 bytes (excluding extensions).

10999	MESSAGE	Preprocessor Internal Error (!). (DBERR 10999)
	CAUSE	Unknown escape occurred in the preprocessor.
	ACTION	Record the number returned and as much information as possible and contact your HP Service Representative or Response Center.

11000	MESSAGE	-d option may only be specified once. (DBERR 11000)
	CAUSE	You specified the -d option more than once in the preprocessor invocation line.
	ACTION	Invoke the preprocessor again, specifying the -d option only once.

11001	MESSAGE	-r option may only be specified once. (DBERR 11001)
	CAUSE	You specified the -r option more than once in the preprocessor invocation line.
	ACTION	Invoke the preprocessor again, specifying the -r option only once.

11002	MESSAGE	-s option may only be specified once. (DBERR 11002)
	CAUSE	You specified the -s option more than once in the preprocessor invocation line.
	ACTION	Invoke the preprocessor again, specifying the -s option only once.

11003	MESSAGE	-m option may only be specified once. (DBERR 11003)
	CAUSE	You specified the -m option more than once in the preprocessor invocation line.
	ACTION	Invoke the preprocessor again, specifying the -m option only once.

11004	MESSAGE	-o option may only be specified once. (DBERR 11004)
	CAUSE	You specified the -o option more than once in the preprocessor invocation line.
	ACTION	Invoke the preprocessor again, specifying the -o option only once.

11005	MESSAGE	Unrecognized option. Valid options are -d, -r, -s, -m, -o and -p. (DBERR 11005)
	CAUSE	You specified an invalid option in the preprocessor invocation line. Valid options are -d, -r, -s, -m, -o and -p.
	ACTION	Invoke the preprocessor again, specifying one or more of the valid options. Refer to the ALLBASE/SQL application programming guide for the language you are using for additional information on preprocessor invocation.
11006	MESSAGE	-s option may not be used with any other option. (DBERR 11006)
	CAUSE	You specified additional options in the preprocessor invocation line along with the -s option.
	ACTION	Invoke the preprocessor again, specifying the -s option as the only option if you want to run the preprocessor in syntax checking mode. Do not specify the -s option if you want to run the preprocessor in full preprocessing mode.
11007	MESSAGE	Invalid module/owner name. (DBERR 11007)
	CAUSE	The module or owner name you specified in the preprocessor invocation line was invalid.
	ACTION	Invoke the preprocessor again, specifying a valid module or owner name. Refer to the *ALLBASE/SQL Reference Manual* for naming conventions.
11008	MESSAGE	-i option may only be specified once. (DBERR 11008)
	CAUSE	You specified the -i option more than once in the preprocessor invocation line.
	ACTION	Invoke the preprocessor again, specifying the -i option only once.
11009	MESSAGE	-p option may only be specified once. (DBERR 11009)
	CAUSE	You specified the -p option more than once in the preprocessor invocation line.
	ACTION	Invoke the preprocessor again, specifying the -p option only once.

11010	MESSAGE	`-r option may not be used without the -d option.` (DBERR 11010)
	CAUSE	You specified the -r option without the -d option in the preprocessor invocation line.
	ACTION	Invoke the preprocessor again, specifying the -d option if you specify the -r option.
11013	MESSAGE	`Cannot get language information. See System Administrator.` (DBERR 11013)
	CAUSE	Native language support error occurred. Most likely language environment file is not accessible.
	ACTION	Verify that native language support is properly installed.
11014	MESSAGE	`Cannot get Asian language information.` (DBERR 11014)
	CAUSE	Native language support error occurred. Most likely language environment file is not accessible.
	ACTION	Verify that native language support is properly installed.
11015	MESSAGE	`Internal error. Could not truncate line correctly.` (DBERR 11015)
	CAUSE	Native language support error occurred during truncation of source line.
	ACTION	Verify that native language support is properly installed.
11016	MESSAGE	`Internal error. Cannot upshift characters in invocation line.` (DBERR 11016)
	CAUSE	Native language support error occurred while processing the invocation line.
	ACTION	Verify that native language support is properly installed.

11017	MESSAGE	Out of preprocessor symbol table memory. (DBERR 11017)
	CAUSE	You used too many host variables or cursor names.
	ACTION	Reduce the number of host variables or cursor names or use subprograms.

11018	MESSAGE	File ! open error. (Paserr 692). (DBERR 11018)
	CAUSE	You tried to open a file with a Pascal statement.
	ACTION	Check the status of the file named in the error message. For information on the Pascal error message, refer to the *Pascal Reference Manual*.

11019	MESSAGE	Insufficient heap area to allocate variable. (Paserr 600) (DBERR 11019)
	CAUSE	The heap memory space is exhausted.
	ACTION	Allocate more heap space.

11020	MESSAGE	Unexpected internal error. (DBERR 11020)
	CAUSE	An unexpected internal error was detected.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

11021	MESSAGE	Statement not supported when dynamic-only option is specified. (DBERR 11021)
	CAUSE	You specified an SQL statement which is not supported when preprocessing with the dynamic-only option.
	ACTION	Modify the SQL statement, or perform preprocessing without the dynamic-only option.

11022	MESSAGE	Statement supported only when dynamic-only option is specified. (DBERR 11022)
	CAUSE	You specified an SQL statement which is supported only when preprocessing with the dynamic-only option.
	ACTION	Modify the SQL statement, or perform preprocessing with the dynamic-only option.

11023	MESSAGE	Host variable declaration larger than maximum DBE name length. (DBERR 11023)
	CAUSE	You specified a host variable with a declared length greater than the maximum DBEnvironment name length.
	ACTION	Specify a host variable with a declared length less than or equal to the maximum DBEnvironment name length. Consult the ALLBASE/SQL Reference Manual for the maximum DBEnvironment name length.

11024	MESSAGE	Host variable declaration too large for this usage. (DBERR 11024)
	CAUSE	You specified a host variable with a declared length greater than the maximum allowed length.
	ACTION	Specify a host variable with a declared length less than or equal to the maximum allowed length. Consult the ALLBASE/SQL Reference Manual for the maximum allowed length.

11025	MESSAGE	Character string too large for this usage. (DBERR 11025)
	CAUSE	You specified a character string which is longer than the maximum allowed length.
	ACTION	Specify a character string which is less than or equal to the maximum allowed length. Consult the ALLBASE/SQL Reference Manual for the maximum allowed length.

11026	MESSAGE	DYNAMIC option may be specified only once. (DBERR 11026)
	CAUSE	The preprocessor was invoked with the DYNAMIC option specified more than once in the command line.
	ACTION	Invoke the preprocessor specifying the DYNAMIC option only once.

11028	MESSAGE	DBEnvironment name not allowed for DYNAMIC preprocessing. (DBERR 11028)
	CAUSE	You specified a DBEnvironment name when invoking the preprocessor with the DYNAMIC option.
	ACTION	Omit the DBEnvironment name when invoking the preprocessor with the DYNAMIC option.

11200	MESSAGE	No ending END-EXEC before end of file. (DBERR 11200)
	CAUSE	SQLIN contains an SQL statement that is preceded by EXEC SQL but is not followed by END-EXEC.
	ACTION	Insert END-EXEC in the appropriate location in SQLIN and process SQLIN again.

11201	MESSAGE	Missing or incorrect PROGRAM-ID paragraph. (DBERR 11201)
	CAUSE	The preprocessor did not find a PROGRAM-ID in SQLIN.
	ACTION	Insert a PROGRAM-ID label in SQLIN or check your spelling on the existing label and re-preprocess your program.

11202	MESSAGE	Host variable must have USAGE COMPUTATIONAL. (DBERR 11202)
	CAUSE	The declaration for the StartIndex or NumberOfRows value in a BULK command is invalid.
	ACTION	Declare the host variable as PIC S9(4) or PIC S9(9) and re-preprocess your program.

11203	MESSAGE	Host variable must not be a table. (DBERR 11203)
	CAUSE	You specified a host variable name in an SQL statement that is declared as a table but should be declared as an elementary data item.
	ACTION	Correct the host variable declaration and re-preprocess your program.

11204	MESSAGE	Host variable must be a one-dimensional table. (DBERR 11204)
	CAUSE	The declaration of the first host variable you named in the INTO clause of a BULK SELECT, BULK FETCH, or BULK INSERT statement is invalid.
	ACTION	Declare the host variable as follows, and use the ARRAY-NAME in the INTO clause:

```
01 ARRAY-NAME.
05 ROW-NAME              OCCURS n TIMES.
   10 COLUMN1-NAME     Valid data clause.
   .
   .
   .
   10 COLUMNn-NAME     Valid data clause.
```

11206	MESSAGE	Syntax error in COPY statement. (DBERR 11206)
	CAUSE	A syntax error was encountered in a COBOL COPY statement.
	ACTION	Verify that the COPY statement follows conventions specified in the *COBOL/HP-UX Language Reference Manual*.

11207	MESSAGE	Syntax error in REPLACE statement. (DBERR 11207)
	CAUSE	A syntax error was encountered in a COBOL REPLACE statement.
	ACTION	Verify that the REPLACE statement follows conventions specified in the *COBOL/HP-UX Language Reference Manual*.

11208	MESSAGE	COPY not allowed within another COPY statement. (DBERR 11208)
	CAUSE	The keyword COPY was encountered within another COPY statement. COPY is a keyword which can only be used to specify the start of a COPY statement.
	ACTION	Terminate previous COPY statement before beginning another COPY statement. Verify that the COPY statement follows conventions specified in the *COBOL/HP-UX Language Reference Manual*.

11209	MESSAGE	Copy file open error. (DBERR 11209)
	CAUSE	A system error was encountered while attempting to open the specified copy file.
	ACTION	Check the spelling of the copy file. Verify that the specified copy file exists. Verify that all components of the specified path exist. Verify that appropriate read privileges exist for the specified copy file.

11210	MESSAGE	Statement not properly terminated; period expected. (DBERR 11210)
	CAUSE	A terminating period for a COBOL statement was expected but not found.
	ACTION	Verify that the COBOL statement follows conventions specified in the *COBOL/HP-UX Language Reference Manual*.

11211	MESSAGE	No ending '==' before end of line. (DBERR 11211)
	CAUSE	A REPLACE/REPLACING parameter literal was not properly terminated before the end of the line or end of the file. No ending '==' was found to match a beginning '==' literal delimiter.
	ACTION	Verify that the REPLACE/REPLACING parameter literal is terminated by a '==' on the same line as the beginning '==' literal delimiter. If the parameter literal is longer than a single line, verify that the line is properly continued following conventions specified in the *COBOL/HP-UX Language Reference Manual*.

11212	MESSAGE	Error in continuation of parameter. (DBERR 11212)
	CAUSE	A REPLACE/REPLACING parameter literal was not properly continued on the following line.
	ACTION	Verify that the REPLACE/REPLACING parameter literal is continued following conventions specified in the *COBOL/HP-UX Language Reference Manual*.
11213	MESSAGE	Too many characters. (DBERR 11213)
	CAUSE	The copy file specification exceeds the allowed maximum number of characters.
	ACTION	Change the copy file specification so that it does not exceed the maximum number of characters for a valid file name.
11300	MESSAGE	Illegal continuation line, ignored. (DBERR 11300)
	CAUSE	The statement contains an illegal continuation character. The current line is ignored.
	ACTION	Specify a valid continuation character in the source file.
11301	MESSAGE	Statement too long for FORTRAN. (DBERR 11301)
	CAUSE	Your FORTRAN statement included more than the maximum number of continuation lines allowable.
	ACTION	Modify your FORTRAN statement to include no more than 19 continuation lines (20 lines if you add an initial line) and re-preprocess your program.
11400	MESSAGE	Type must be array [1..n] of record. (DBERR 11400)
	CAUSE	Your BULK command did not contain the required host variable type.
	ACTION	Refer to the *ALLBASE/SQL Pascal Application Programming Guide* for additional information on host variables.

11500	MESSAGE	Type must be a structure array. (DBERR 11500)
	CAUSE	The host variable used in your bulk command was not a structure array.
	ACTION	Modify the DECLARE section of your program so that the host variable is a structure array.

11502	MESSAGE	The host variable must be an array of CHAR. (DBERR 11502)
	CAUSE	The host variable you specified in the DECLARE section of your program was not an array of char.
	ACTION	Modify the DECLARE section of your program so that the host variable is a char array.

11503	MESSAGE	Illegal host variable array type. (DBERR 11503)
	CAUSE	The host variable array you specified in the DECLARE section of your program was not a char type or a structure.
	ACTION	Modify the DECLARE section and re-preprocess your program.

11504	MESSAGE	Illegal type for structure field. (DBERR 11504)
	CAUSE	The host variable you specified in the DECLARE section of your program had an invalid field type.
	ACTION	Modify the DECLARE section of your program specifying a valid field type.

11506	MESSAGE	Label must start with alphabetic character. (DBERR 11506)
	CAUSE	A label in a WHENEVER statement started with a number or some other non-alphabetic character.
	ACTION	Change the label to start with an alphabetic character.

11507	MESSAGE	Nested structures disallowed in host variables. (DBERR 11507)
	CAUSE	A host variable was declared in the DECLARE section as a structure with a structure as one of its fields.
	ACTION	Modify the DECLARE section and re-preprocess your program.

11508	MESSAGE	The host variable must be an array type with minimum size 1. (DBERR 11508)
	CAUSE	You specified a host variable for sqlvarbinary without an array specification or with an array size less than 1.
	ACTION	Specify the sqlvarbinary host variable with an array size greater than zero.

12008	MESSAGE	Message catalog not available – see system manager. (DBERR 12008)
	CAUSE	The message catalog 'hpsqlcat' was not found in the /usr/lib/nls/n-computer directory.
	ACTION	See your system manager.

13130	MESSAGE	User does not have authority to wrap DBE. (DBERR 13130)
	CAUSE	You are not the creator of the original DBEnvironment or the superuser (HP-UX) or a system administrator (MPE/iX).
	ACTION	Only the original DBEnvironment creator or superuser (HP-UX) or system administrator (MPE/iX) can use the WRAPDBE command.

13131	MESSAGE	Log file list contains non-existing log file. (DBERR 13131)
	CAUSE	You specified a log file(s) that could not be found or opened on the system.
	ACTION	Check the list of log files specified and determine if they are actually on the system. If so, check the security on the log files.

13132	MESSAGE	Log file list contains duplicates. (DBERR 13132)
	CAUSE	When entering the WRAPDBE command, you specified the same log file more than once.
	ACTION	Check the list of log files and reenter the new list with no duplicates.

13153	MESSAGE	DBEFile does not belong to specified DBEFileSet. (DBERR 13153)
	CAUSE	The specified DBEFile does not belong to the specified DBEFileSet as required by the requested function.
	ACTION	Check the specified DBEFile and DBEFileSet.

13261	MESSAGE	DBCore could not find free page buffer. (DBERR 13261)
	CAUSE	Due to the number of current users, DBCore was unable to find free page buffer space. CAUTION: Transaction not necessarily rolled back.
	ACTION	Try your transaction again later. You can lock your table explicitly using the LOCK TABLE statement to decrease the size of page buffers required or use the SQLUtil ALTDBE command to allocate more buffer space. If the problem persists, record as much information as possible and contact your HP Service Representative or Response Center.

13262	MESSAGE	DBCore internal error !. (DBERR 13262) Please record the above message including both numbers.
	CAUSE	An internal error caused your query to be terminated.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

13310	MESSAGE	The log directory is full. (DBERR 13310).
	CAUSE	The log directory allows for 34 log ids (single log names or pairs of log names in DUAL LOG mode). Any attempt to add the 35th log will fail. Note that this error can happen during ADDLOG or during SETUPRECOVERY In SQLUtil. The latter also adds a log to the log directory.
	ACTION	Check the log directory (use the SHOWLOG command for that purpose) to see if there were any logs that you could have backed up that you did not. If so, use STORELOG to back up these logs. Now you have two options. If it was a direct ADDLOG, then maybe you do not need to ADDLOG any more.
		or
		If it was an implicit ADDLOG during SETUPRECOVERY, use the SQLUtil PURGELOG command to purge the backed up log files BEFORE attempting SETUPRECOVERY again.

13313	MESSAGE	Wrong number of log file names specified. (DBERR 13313)
	CAUSE	The ADDLOG command expects either one file name in single logging mode or two file names in dual logging mode. You may have tried to enter more or less than the permitted number of names.
	ACTION	Check the logging mode and number of log names you specified.

13317	MESSAGE	DBEnvironment has already finished recovery. (DBERR 13317)
	CAUSE	You issued a TerminateRecovery command, but recovery has already ended.
	ACTION	Eliminate the extra TerminateRecovery command.

13318	MESSAGE	Attempted ENDRECOVERY in an inconsistent state. (DBERR 13318)
	CAUSE	You are trying to end recovery at a time before the DBEnvironment was consistent after a STOREONLINE operation. When you enable archive mode with the STOREONLINE command, an archive checkpoint record is written to the log file *after the online backup is finished.* This process can take some time, during which other DBEnvironment activity continues to be logged. You can only recover to a point beyond the archive checkpoint record.
	ACTION	Do not terminate recovery. Continue to apply more logs through RECOVERLOG at least until the archive checkpoint record is reached. At that time, ENDRECOVERY will be successful.

13319	MESSAGE	The specified file is not a log file. (DBERR 13319)
	CAUSE	The log file name specified in response to RECOVERLOG is not an ALLBASE log file.
	ACTION	Specify the correct log file name.

13320	MESSAGE	The specified log file does not have the desired sequence number. (DBERR 13320)
	CAUSE	You specified a file name with an inappropriate sequence number. During RECOVERLOG, the log manager expects log sequence numbers in order (starting with the number specified in the DBECon file of the online backup).
	ACTION	Specify the log file name with the correct sequence number.

13322	MESSAGE	SETUPRECOVERY is not done. (DBERR 13322)
	CAUSE	You attempted a RECOVERLOG or ENDRECOVERY without first having done a SETUPRECOVERY.
	ACTION	Issue the SETUPRECOVERY command before the RECOVERLOG or ENDRECOVERY commands.

13323	MESSAGE	Log does not contain an archive checkpoint. (DBERR 13323)
	CAUSE	An archive checkpoint was not written to the log file, so the log file cannot be used for rollforward recovery.
	ACTION	Refer to the *ALLBASE/SQL Database Administration Guide* for additional information on archive checkpoints, and to the *ALLBASE/SQL Reference Manual* for information on the BEGIN ARCHIVE and COMMIT ARCHIVE statements.

13324	MESSAGE	Archive mode was never enabled on this DBEnvironment. (DBERR 13324)
	CAUSE	You attempted a SETUPRECOVERY on this DBEnvironment, but archive mode was never turned on.
	ACTION	Check the sequence of operations. Perhaps this log is a non-archival log, and has always been so. If that is the case, do not attempt rollforward recovery on this log.

13325	MESSAGE	Log mode specification should be SINGLE or DUAL. (DBERR 13325)
	CAUSE	You entered an incorrect log mode in response to a prompt from SETUPRECOVERY in SQLUtil.
	ACTION	Response with either SINGLE or DUAL.

13326	MESSAGE	Specified log id is out of range. (DBERR 13326)
	CAUSE	The specified log id is either < 1 or > 35 when you issued either the PURGELOG or STORELOG command.
	ACTION	Use the SHOWLOG command to get the appropriate log id.

13331	MESSAGE	SHOWLOG internal error in computing free log blocks. (DBERR 13331)
	CAUSE	Internal corruption.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

13338	MESSAGE	FORMAL Designator is Invalid. (DBERR 13338)
	CAUSE	The group and account do not match.
	ACTION	Supply the correct MPE/iX group and account name.

13339	MESSAGE	SETUPRECOVERY has already been done (DBERR 13339)
	CAUSE	You attempted a SETUPRECOVERY followed by either another SETUPRECOVERY or by a set of RECOVERLOG commands and then another SETUPRECOVERY.
	ACTION	Remove the extra SETUPRECOVERY command.

14024	MESSAGE	Deadlock detected. (DBERR 14024)
	CAUSE	Deadlock was detected between your transaction and another. Your current transaction was rolled back.
	ACTION	Issue your command again.

14027	MESSAGE	Session terminated by DBA. (DBERR 14027)
	CAUSE	Your session was terminated by a user with DBA capability.
	ACTION	Access the DBE again when the system is available.

14028	MESSAGE	No updates are allowed on a Wrapper DBE. (DBERR 14028)
	CAUSE	You attempted to do an operation that would try to update a wrapper DBEnvironment. No updates are allowed once the DBEnvironment has been converted to a wrapper DBEnvironment.
	ACTION	Do not try to update the wrapper DBEnvironment.

14029	MESSAGE	Your current transaction was rolled back by DBCore. (DBERR 14029)
	CAUSE	Your transaction was rolled back due to another error. An additional message will be returned.
	ACTION	Refer to the cause and action of the additional message.

14031	MESSAGE	DBCore shared memory access error. (DBERR 14031)
	CAUSE	Unable to access DBCore shared memory segments. Your current transaction was rolled back.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.
14035	MESSAGE	DBCore shared memory overflow. (DBERR 14035)
	CAUSE	There was not enough space in DBCore shared memory to complete the transaction. Your current transaction was rolled back.
	ACTION	Increase the number of run-time control block pages using the SQLUtil ALTDBE command and try your transaction again. If the problem persists, record as much information as possible and contact your HP Service Representative or Response Center.
14038	MESSAGE	DBCore shared memory allocation failed. (DBERR 14038)
	CAUSE	ALLBASE ran out of space for runtime control blocks.
	ACTION	Use SQLUtil to increase the number of runtime control block pages allocated.
14044	MESSAGE	DBCore unable to allocate local heap space. (DBERR 14044)
	CAUSE	The application may have too many cursors open at one time.
	ACTION	Close cursors as soon as they are no longer needed since they require a large amount of local heap space.
14045	MESSAGE	Log file corruption detected in DBCore. (DBERR 14045)
	CAUSE	Warm start could not find a checkpoint in any log file.
	ACTION	Perform a roll forward recovery.

14046	MESSAGE	Log full. (DBERR 14046)
	CAUSE	The log file is full. Your current transaction was rolled back.
	ACTION	Shut down the database and issue a START DBE NEWLOG statement.

14047	MESSAGE	Current clock lower than highest in log. (DBERR 14047)
	CAUSE	The system clock was set forward incorrectly, used by one or more databases, and then reset backward.
		or
		The system clock was set backward incorrectly.
		To ensure that recovery works correctly, ALLBASE/SQL requires that the date/time of the current action is later than the date/time of the preceding action. If the date/time of the current action is earlier than the date/time of the previous action (as is the case when this message is returned), ALLBASE/SQL will not function until the date/time of the current action is later than the date/time of the previous action.
		For example, if the year 1990 is entered instead of 1989, the database system will wait for a year, unless the action below is followed.
	ACTION	1. If the system clock was set forward incorrectly, used by databases, and then set backward, do the following:

a. Kill all database processes.
b. Set the system clock *ahead* of the incorrect date used by the data.
c. Back up all the DBEnvironments that were accessed while the incorrect date was in effect. Use the SQLUtil STORE command on each DBEnvironment.
d. Shut down the DBEnvironments.
e. Reset the system clock to the correct time.
f. Issue the START DBE NEWLOG statement.
g. Resume operations.
2. If the system clock was set backward incorrectly:
a. Set the system clock forward to the correct time.
b. Resume operations.

Consult your system administrator for assistance in resetting the system clock.

14052	MESSAGE	Failed to start DBCORE. (DBERR 14052)
	CAUSE	You are trying to use a command which causes the database to be started in single user mode, but the database is already being accessed by other users
	ACTION	Make sure all users are logged off the database before you issue the command that starts the database in single user mode.

14056	MESSAGE	File System Error in DBEnvironment. (DBERR 14056)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

14059	MESSAGE	DBCore File Close error. (DBERR 14059)
	CAUSE	ALLBASE was not able to close the file. File name may not be correct.
	ACTION	Supply the correct file name.

14066	MESSAGE	DBECon Error - File is invalid. (DBERR 14066)
	CAUSE	The DBECon file name specified in the START DBE, START DBE NEW, or START DBE NEWLOG statement is invalid.
	ACTION	Refer to the *ALLBASE/SQL Reference Manual* for DBECon file naming conventions.

14067	MESSAGE	DBECon error - File System Error. (DBERR 14067)
	CAUSE	Internal error.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

14071	MESSAGE	Database already started in single user mode. (DBERR 14071)
	CAUSE	You tried to initiate a multi-user session on a single user DBEnvironment.
	ACTION	Ask your database administrator to change the DBECon file user mode to MULTI.

14072	MESSAGE	Database already started in multi-user mode. (DBERR 14072)
	CAUSE	You tried to issue a START DBE or START DBE NEWLOG statement when someone was already connected to the database.
	ACTION	Make sure that no one is currently connected to the DBEnvironment. The SQLMON OVERVIEW SESSION screen can be used to see who is connected to the DBEnvironment.

14073	MESSAGE	Attempted to connect to more than one DBEnvironment. (DBERR 14073)
	CAUSE	You tried to connect to a second DBEnvironment while still connected to another DBEnvironment. Your current transaction was rolled back.
	ACTION	Issue a RELEASE statement to disconnect from the first DBEnvironment and then issue a START DBE or CONNECT statement for the second DBEnvironment.

14074	MESSAGE	DBCore internal error ! – Transaction rolled back. (DBERR 14074) Please record the above message including both numbers.
	CAUSE	An internal error caused your current transaction to be rolled back.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

14075	MESSAGE	DBCore internal error ! - Rollforward recovery required. (DBERR 14075) Please record the above message including both numbers.
	CAUSE	An internal error may have caused the DBEnvironment to be corrupted. Your current transaction was rolled back.
	ACTION	Do not perform additional transactions at this time. Contact your database administrator for rollforward recovery on the DBEnvironment. Record as much information as possible and contact your HP Service Representative or Response Center.

14076	MESSAGE	No next log to switch to. (DBERR 14076)
	CAUSE	There is no valid log file to change log to.
	ACTION	Use ADDLOG to create a new log file then try the CHANGELOG command again.

14081	MESSAGE	Log directory is empty. (DBERR 14081)
	CAUSE	An internal error occurred when you executed the STORELOG command or an internal error occurred when you executed the PURGELOG command, or you specified an invalid logid.
	ACTION	Use the SQLUtil SHOWLOG command to verify the logid. If the log id is correct, record as much information as possible and contact your HP Service Representative or Response Center.

14082	MESSAGE	Log file cannot be purged - backup pending (DBERR 14082)
	CAUSE	You attempted to use the PURGELOG command on a log file that has not been backed up.
	ACTION	Use the STORELOG command to store the log file, and then purge it.

14083	MESSAGE	Log file is not in use. (DBERR 14083)
	CAUSE	Note that the STORELOG command operates in two modes - one in which the user may specify a log id and one in which the user does not. In the latter case, DBCore will simply scan the log directory looking for the oldest log ready to back up. This error will occur in the former case where DBCore will look for the specified slot number in the log directory (the log id is a subscript into the directory entries). If that slot is currently unoccupied, this error is generated.
	ACTION	Check the log id specified.

14084	MESSAGE	Log file is not ready to be backed up. (DBERR 14084)
	CAUSE	You attempted to STORELOG the current log file.
	ACTION	The user must wait till this log is no longer current.

14092	MESSAGE	Transaction was externally aborted. (DBERR 14092)
	CAUSE	The transaction was aborted by another user.
	ACTION	None.

14093	MESSAGE	OMNIBACK/ALLBASE STORE on UX error. (DBERR 14093)
	CAUSE	Any of the following could cause the problem: not able to read/open DBEFILE, not enough space, or DBEFILE to be restored is already existing.
	ACTION	The action depends on what is determined to be the cause. Note that ALLBASE/SQL no longer supports OMNIBACK as the backup routine for SQLUtil. Check that the DBEFILE to be stored can be opened/read. Check that there is enough space to restore on the disk. For RESTORE, check if the DBEFILE is already existing.

14101	MESSAGE	Insufficient authorization for DBA operation. (DBERR 14101)
	CAUSE	The user does not have the proper authorization.
	ACTION	Check the authorization and change if appropriate.

14102	MESSAGE	DBCORE version mismatch with session already started. (DBERR 14102)
	CAUSE	DBCORE version does not match with the DBCORE for the session.
	ACTION	Check DBCORE versions.

14103	MESSAGE	Current log file cannot be purged. (DBERR 14103)
	CAUSE	The file to be purged is in use.
	ACTION	Issue the SHOWLOG command in SQLUtil to inquire if the log file is in use.

14200	MESSAGE	New partition instance found, and the current SCR does not have any more slots. (DBERR 14200)
	CAUSE	This typically happens on a system with a large number of partition numbers. Further, if this system has switched master-replicate roles with a number of other systems, it has a large number of non-empty partitions.
	ACTION	The transaction is aborted by ALLBASE/SQL but the application needs to terminate at this point. Issue a START DBE NEWLOG with a larger MAXPARTITIONS.

14201	MESSAGE	Multiple database environments updated in the same transaction. (DBERR 14201)
	CAUSE	A transaction attempted to replicate logging against more than one database id.
	ACTION	Check the transaction logic.

14202	MESSAGE	Log full error due to warm standby log scan. (DBERR 14202)
	CAUSE	Logging cannot be done because a log lock would be overwritten.
	ACTION	Remove the log lock to resume logging.

15047	MESSAGE	DBCore internal I/O error - ! (!). (DBERR 15047)
	CAUSE	An unexpected file system write error occurred during a transaction. Your current transaction was rolled back.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description, and contact your system administrator to check for possible disk drive physical I/O problems.

15048	MESSAGE	DBCore internal I/O error - ! (!). (DBERR 15048)
	CAUSE	An unexpected file system write error occurred during a transaction. Your current transaction was rolled back.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description, and contact your system administrator to check for possible disk drive physical I/O problems.

20013	MESSAGE	*** Installation error detected. Check permissions and owner. (DBERR 20013)
	CAUSE	The permissions, owner, or group of /usr/bin/sqlmig are incorrect.
	ACTION	Change the attributes of /usr/bin/sqlmig so that the permission is 4555, the owner is hpdb, and the group is bin.

20027	MESSAGE	*** Cannot update DBECON file. (! !, !, !, !) (DBERR 20027)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

20030	MESSAGE	*** Cannot purge log file /tmp/SQLMIG.(! !, !, !) (DBERR 20030)
	CAUSE	A file system error was encountered when trying to purge the file named /tmp/SQLMIGxxxxxx. (The string xxxxxx is unique for each run of SQLMigrate.)
	ACTION	Take the necessary steps to purge this file before reattempting the SQLMigrate command which caused this error.

20031	MESSAGE	Cannot purge existing user log file (! !, !, !) (DBERR 20031)
	CAUSE	An error occurred while trying to purge a log file named in the DBECon file. It may not exist on the system where the migration is being performed. The ownership or file mode of the log file, or the directory that contains the log file, may be incorrect.
	ACTION	Check that user hpdb (uid 27) has at least read and write permission to the directories that contain the database and log files. Check that all database and log files are owned by hpdb, and have a file mode of 600 (-rw- - - - - - -). If necessary, contact your system administrator. Because the log file could not be purged, SQLMigrate did not attempt to execute the START DBE NEWLOG command. The migration has completed successfully, but you will not be able to use the DBEnvironment until you have run ISQL and issued a START DBE NEWLOG command.

20032	MESSAGE	*** Cannot purge DBECON file. (! !, !) (DBERR 20032)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the system administration manual.

20034	MESSAGE	*** Cannot start DBCore. (RC !, !, !, !) (DBERR 20034)
	CAUSE	An unexpected error occurred while trying to establish a single user session with the DBEnvironment.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

20035	MESSAGE	*** DBCore error. (FNC !, RC !, !, !, !) (DBERR 20035)
	CAUSE	An unexpected internal error was encountered.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

20036	MESSAGE	Unexpected INTERNAL error (!, !, !, !) (DBERR 20036)
	CAUSE	An unexpected internal error was encountered.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

20040	MESSAGE	*** Cannot open expanded DBECON file. (errno !) (DBERR 20040)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the system administration manual.

20041	MESSAGE	*** Cannot close expanded DBECON file. (! !, !) (DBERR 20041)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the system administration manual.

20042	MESSAGE	*** Cannot purge expanded DBECON file. (! !, !) (DBERR 20042)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the system administration manual.

20043	MESSAGE	*** Cannot write to expanded DBECON file. (! !, !) (DBERR 20043)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the system administration manual.

20044	MESSAGE	*** Cannot rename DBECON file to BBSQLMIG file. (! !, !) (DBERR 20044)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the system administration manual.

20045	MESSAGE	*** Cannot allocate expanded DBECON file. (! !, !) (DBERR 20045)
	CAUSE	A file system error was encountered. There probably is not enough extra disk space on your system.
	ACTION	Refer to the system administration manual. Try to create more free disk space before using SQLMigrate again.

20046	MESSAGE	*** Cannot open BBSQLMIG file. (! !, !) (DBERR 20046)
	CAUSE	A file system error was encountered when trying to create a file named BBSQLMIG in the same directory as the DBECon file. It probably already exists.
	ACTION	Refer to the /usr/include/sys/errno.h file. Remove any files named BBSQLMIG from the same directory as the DBECon file before using SQLMigrate again.

20047	MESSAGE	*** Cannot close BBSQLMIG file. (! !, !) (DBERR 20047)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the system administration manual.

20048	MESSAGE	*** Cannot purge BBSQLMIG file. (! !, !) (DBERR 20048)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the system administration manual.

20049	MESSAGE	*** Cannot write to BBSQLMIG file. (! !, !) (DBERR 20049)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the system administration manual.

20050	MESSAGE	*** Cannot rename BBSQLMIG file to DBECON file. (! !, !) (DBERR 20050)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the system administration manual.

20051	MESSAGE	*** Illegal command. (DBERR 20051)
	CAUSE	SQLMigrate did not recognize the command that was entered.
	ACTION	Use the HELP command or refer to the *ALLBASE/SQL Database Administration Guide* to determine the valid SQLMigrate commands.

20052	MESSAGE	Input too long. Maximum length is !. (DBERR 20052)
	CAUSE	The total length of the input line exceeded the allowed limit.
	ACTION	Issue the command again.

20053	MESSAGE	*** Input limit reached. No semicolon found. (DBERR 20053)
	CAUSE	SQLMigrate commands must be terminated with a semicolon. None was found in the input string submitted.
	ACTION	Issue the command again.

20054	MESSAGE	*** Unexpected semicolon found. (DBERR 20054)
	CAUSE	A semicolon was found in the input string in an unexpected location. Semicolons are allowed either: 1) at the end of the command or 2) in the DBEnvironmentName, when the operating system file naming convention allows it.
	ACTION	Issue the command again without the illegal semicolon.

20055	MESSAGE	*** Unexpected end of input. (DBERR 20055)
	CAUSE	An error was encountered trying to retrieve the next command.
	ACTION	Check the output and input to determine if all commands executed properly.

20056	MESSAGE	*** Illegal syntax. (DBERR 20056)
	CAUSE	Command was entered incorrectly.
	ACTION	Issue the command again. You can use the HELP command to verify your syntax.

20070	MESSAGE	*** SQLMIGRATE log file (AASQLMIG) already exists. (DBERR 20070)
	CAUSE	AASQLMIG, a temporary file used by SQLMigrate, already exists in the same location as the DBECON file. Another user is probably running SQLMigrate on another DBEnvironment at the same time.
	ACTION	Try again later.
20080	MESSAGE	*** Cannot create BBSQLMIG file. (! !, !) (DBERR 20080)
	CAUSE	BBSQLMIG, a temporary file used by SQLMigrate, already exists in the same location as the DBECON file. Another user is probably running SQLMigrate on another DBEnvironment at the same time.
	ACTION	Try again later.
20200	MESSAGE	*** Invalid target version. Use the SHOW VERSIONS command. (DBERR 20200)
	CAUSE	The release of SQLMigrate being used does not support the version that was specified in the last command.
	ACTION	Use the SHOW VERSIONS command to determine the valid versions that may be used with this release of SQLMigrate.
20201	MESSAGE	*** DBEnvironmentName is too long. Maximum length is !. (DBERR 20201)
	CAUSE	A DBEnvironmentName is restricted to operating system file naming conventions.
	ACTION	Refer to the *A Beginner's Guide to HP-UX* for information on file naming conventions.

20202	MESSAGE	*** Cannot MIGRATE FORWARD to earlier version. (DBERR 20202)
	CAUSE	A logic error was encountered in the command. The keyword FORWARD is only used when migrating an older version DBEnvironment to one that is compatible with a newer release of ALLBASE/SQL.
	ACTION	Either change the keyword FORWARD to BACKWARD, or change the target version. Issue the command again.

20203	MESSAGE	*** Cannot MIGRATE BACKWARD to later version. (DBERR 20203)
	CAUSE	A logic error was encountered in the command. The keyword BACKWARD is only used when migrating a newer version DBEnvironment to one that is compatible with an older release of ALLBASE/SQL.
	ACTION	Either change the keyword BACKWARD to FORWARD, or change the target version. Issue the command again.

20204	MESSAGE	*** Cannot PREVIEW FORWARD to earlier version. (DBERR 20204)
	CAUSE	A logic error was encountered in the command. The keyword FORWARD is only used when previewing an older version DBEnvironment to one that is compatible with a newer release of ALLBASE/SQL.
	ACTION	Either change the keyword FORWARD to BACKWARD, or change the target version. Issue the command again.

20205	MESSAGE	*** Cannot PREVIEW BACKWARD to later version. (DBERR 20205)
	CAUSE	A logic error was encountered in the command. The keyword BACKWARD is only used when previewing a newer version DBEnvironment to one that is compatible with an older release of ALLBASE/SQL.
	ACTION	Either change the keyword BACKWARD to FORWARD, or change the target version. Issue the command again.

20206	MESSAGE	*** DBEnvironment is already compatible with target version. (DBERR 20206)
	CAUSE	The version of the DBEnvironment is already the same as the target version of the command.
	ACTION	If the target version was incorrectly specified, modify it and issue the command again.

20207	MESSAGE	*** Existing DBEnvironment not supported by SQLMigrate (DBERR 20207)
	CAUSE	The release of SQLMigrate being used does not support migrations for the DBEnvironment specified in the command.
	ACTION	Contact your HP Service Representative or Response Center to determine if another release of SQLMigrate is available that will migrate your DBEnvironment.

20208	MESSAGE	*** DBEnvironment version is not recognized by SQLMigrate. (!) (DBERR 20208)
	CAUSE	The release of SQLMigrate being used does not recognize the version number of your DBEnvironment, and cannot support migrations for it.
	ACTION	Contact your HP Service Representative or Response Center to determine if another release of SQLMigrate is available that will migrate your DBEnvironment.

20209	MESSAGE	*** DBEFileName is too long. Maximum length is !. (DBERR 20209)
	CAUSE	The allowable length for the DBEFileName was exceeded.
	ACTION	Issue the command again, using a valid DBEFileName.

20210	MESSAGE	*** SystemFileName name is too long. Maximum length is !. (DBERR 20210)
	CAUSE	The allowable length for the SystemFileName was exceeded.
	ACTION	Issue the command again, using a valid SystemFileName.

20211	MESSAGE	*** Migration path is not supported by SQLMIGRATE (!,!).(DBERR 20211)
	CAUSE	SQLMigrate can only be used for a migration path to/from the release of ALLBASE/SQL on which SQLMigrate came. The attempted migration was for a path that did not involve the current release of ALLBASE/SQL.
	ACTION	Specify a valid migration path.

20220	MESSAGE	Log full. (DBERR 20220)
	CAUSE	The log file is full.
	ACTION	If you see this message, you should notify your HP Service Representative or Response Center, because a problem probably exists in SQLMIGRATE.

During the MIGRATE, PREVIEW, CREATE DBEFILE, and ADD DBEFILE commands, SQLMIGRATE "connects" to the DBEnvironment by performing a START DBE NEWLOG command using a temporary log file. On MPE/iX, the file is named "AASQLMIG" and is created in the same group as the DBECON file. On HP-UX, the file is named "/tmp/AASQLMIGxxxxxx", where "xxxxx" is a unique id for each SQLMIGRATE process.

SQLMIGRATE needs to create it's own log file for several reasons, but the most important ones are 1) the existing log file(s) may not be compatible with the newest release, and 2) the existing log file(s) may not have enough free space on them. SQLMIGRATE creates the log in non-archive mode (so it is circular), and tries to use it efficiently so that a log full condition does not occur.

As a workaround, you can increase the size of the temporary log file (the default size is 400 pages) by issuing one of the following before running SQLMIGRATE:

```
On MPE/iX:
    : setjcw MIGLOGSZ 1000

On HP-UX (csh):
    % setenv MIGLOGSZ 1000

On HP-UX (sh or ksh):
    $ MIGLOGSZ=1000
    $ export MIGLOGSZ
```

In the examples above, the size of the temporary log file will be 1000 pages. Set the MIGLOGSZ variable to the value needed to accomplish a migration for your DBEnvironment.

20330	MESSAGE	ERROR - DBEFileName already exists in !. (DBERR 20330)
	CAUSE	A row exists in SYSTEM.DBEFILE which has a DBEFNAME that is the same as the DBEFileName that was specified.
	ACTION	Issue the CREATE DBEFILE statement again, using a different DBEFileName.

20335	MESSAGE	ERROR - DBEFILE size is too small. Minimum size is !. (DBERR 20335)
	CAUSE	The "WITH PAGES = " parameter did not meet minimum requirements.
	ACTION	Issue the CREATE DBEFILE statement again, using a larger value in the "WITH PAGES = " parameter.

20336	MESSAGE	ERROR - DBEFILE size is too large. Maximum size is ! (DBERR 20336)
	CAUSE	The "WITH PAGES = " parameter exceeded maximum requirements.
	ACTION	Issue the CREATE DBEFILE statement again, using a smaller value in the "WITH PAGES = " parameter.

20340	MESSAGE	ERROR - SystemFileName already exists. (DBERR 20340)
	CAUSE	Either the SystemFileName already exists as a physical file, or a row exists in SYSTEM.DBEFILE which has a FILEID that is the same as the SystemFileName.
	ACTION	Use a different SystemFileName, and issue the CREATE DBEFILE statement again.

20350	MESSAGE	ERROR - DBEFileName has not been CREATED in !. (DBERR 20350)
	CAUSE	You issued an ADD DBEFILE statement before a CREATE DBEFILE statement had been issued.
	ACTION	Issue the CREATE DBEFILE statement, and then issue the ADD DBEFILE command again.

20360	MESSAGE	ERROR - DBEFileName has already been ADDED to a DBEFILESET. (DBERR 20360)
	CAUSE	The row for DBEFileName in SYSTEM DBEFILE indicates that the DBEFSNAME has already been assigned.
	ACTION	The name specified in the ADD DBEFILE statement was probably incorrect. Modify it, and issue the command again.

20518	MESSAGE	ERROR - User is not DBECreator. (DBERR 20518)
	CAUSE	Only the DBECreator or the superuser is authorized to use SQLMigrate.
	ACTION	Contact someone having the proper capabilities to use SQLMigrate.

20520	MESSAGE	ERROR - Invalid DBECON file format detected. (DBERR 20520)
	CAUSE	Migration is not supported for this DBEnvironment using SQLMigrate.
	ACTION	UNLOAD and LOAD your data to install another release of ALLBASE/SQL.

20530	MESSAGE	ERROR - Previous failed attempt to MIGRATE detected. (DBERR 20530)
	CAUSE	SQLMigrate was used is the past to migrate the DBEnvironment, but the migration was unsuccessful.
	ACTION	Purge the DBEnvironment and restore the backup version before attempting migration again.

22540	MESSAGE	ERROR - Insufficient space in the SYSTEM DBEFileSet. (DBERR 22540) DBEFile(s) containing ! pages need to be added to the SYSTEM DBEFileSet before attempting the migration.
	CAUSE	The space estimate calculated during the PREVIEW command indicates that more space is needed for the migration than is currently present in the SYSTEM DBEFileSet.
	ACTION	Issue a CREATE DBEFILE statement followed by an ADD DBEFILE statement to add space to the SYSTEM DBEFileSet.
		If you are concerned about the amount of additional space being added, CREATE and ADD multiple small DBEFiles, rather than one large one. After the migration is complete, perform an UPDATE STATISTICS on SYSTEM.TABLE. Review SYSTEM.DBEFILE to determine the empty DBEFiles in the SYSTEM DBEFileset, and remove them. Remember to leave about 20% of the pages free for the temporary processing needs of ALLBASE/SQL.

22800	MESSAGE	DBEnvironment has already been started (DBERR 22800)
	CAUSE	A REPAIR command was in progress when this message was issued. Another user is currently accessing the DBEnvironment. The REPAIR command may only be issued when the database is idle.
	ACTION	Please try again later.

23005	MESSAGE	START DBE NEWLOG disallowed. Need rollforward recovery. (DBERR 23005)
	CAUSE	SQLMIG cannot be used on a DBEnvironment that has incomplete transactions in its log. You probably did not follow the steps required for forward migration, which are documented in the "DBA Tasks and Tools" chapter of the *ALLBASE/SQL Database Administration Guide*.
	ACTION	Restore the old version of the operating system and the old version of ISQL onto your machine. Run the old version of ISQL and issue a START DBE statement to resolve the incomplete transactions in the log.

25000	MESSAGE	System error in Listener on the server node. (HP-UX errno !) (DBERR 25000)
	CAUSE	An HP-UX error occurred within the listener.
	ACTION	Refer to the usr/include/errno.h file for an error description.
26002	MESSAGE	No matching profile found in the NETUsers file. (DBERR 26002)
	CAUSE	ALLBASE/SQL attempted to connect to a remote DBEnvironment. Two error messages may be displayed. This is the second message and indicates that the NETUser profile either does not exist or was entered incorrectly in the NETUsers file.
	ACTION	Add the NETUser name to the NETUsers file or use the SHOW USER command to check for correct spelling of NETUser names in the NETUsers file.
26003	MESSAGE	New value(s) already exists in NETUsers file, operation not performed. (DBERR 26003)
	CAUSE	The NETUser name you specified is already in the NETUsers file.
	ACTION	Enter a unique NETUser name.
26004	MESSAGE	Lock on NETUsers file failed. (! !) (DBERR 26004)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.
26005	MESSAGE	Unlock on NETUsers file failed. (! !) (DBERR 26005)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.
26006	MESSAGE	Read failed on NETUsers file. (! !) (DBERR 26006)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

26007	MESSAGE	Write failed on NETUsers file. (! !) (DBERR 26007)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

26008	MESSAGE	File system error on NETUsers file. (! !) (DBERR 26008)
	CAUSE	ALLBASE/SQL attempted to connect to a remote DBEnvironment. Two error messages may be displayed. This is the second message and indicates that there is no NETUsers file or that the permissions are not set correctly.
	ACTION	If the DBEnvironment you want to connect to is on the local node, check the spelling of the DBEnvironment name. If the DBEnvironment you want to connect to is on a remote node, have the system administrator set up the NETUsers file.

26009	MESSAGE	The NETUsers file is empty. (DBERR 26009)
	CAUSE	You tried to "show" profiles in an empty NETUsers file. Profiles in the NETUsers file have been deleted.
	ACTION	Contact the system administrator to add profiles to the NETUsers file.

26010	MESSAGE	Open failed on temporary NETUsers file. (! !) (DBERR 26010)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

26011	MESSAGE	Write failed on temporary NETUsers file. (! !) (DBERR 26011)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

26012	MESSAGE	Insufficient memory to allocate buffer. (DBERR 26012)
	CAUSE	There is not enough memory to allocate buffer space for a new profile.
	ACTION	Do not complete the operation. Record as much information as possible and contact your HP Service Representative or Response Center.

26013	MESSAGE	The NETUsers file is being accessed. Operation could not be performed. (DBERR 26013)
	CAUSE	The NETUsers file is currently open by someone else and cannot be deleted.
	ACTION	Try again later.

27002	MESSAGE	No matching profile found in the AliasDB file. (DBERR 27002)
	CAUSE	ALLBASE/SQL attempted to connect to a remote DBEnvironment. Two error messages may be displayed. This is the second message and indicates that the alias profile either does not exist or was entered incorrectly in the AliasDB file.
		If this is the only error message returned, you are using a diskless machine to access a DBEnvironment on another machine.
	ACTION	Ask the system administrator to enter an alias profile in the AliasDB file or check the spelling of the DBEnvironment name in the AliasDB file. For more information on configuring ALLBASE/NET in order to access a remote DBEnvironment, refer to the *ALLBASE/NET User's Guide*

27003	MESSAGE	New value(s) already exists in AliasDB file, operation not performed. (DBERR 27003)
	CAUSE	The alias name which you are trying to add or change already exists in the AliasDB file.
	ACTION	Enter a unique alias name.

27004	MESSAGE	Lock on AliasDB file failed. (! !) (DBERR 27004)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

27005	MESSAGE	Unlock on AliasDB file failed. (! !) (DBERR 27005)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

27006	MESSAGE	Read failed on AliasDB file. (! !) (DBERR 27006)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

27007	MESSAGE	Write failed on AliasDB file. (! !) (DBERR 27007)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

27008	MESSAGE	File system error on AliasDB file. (! !) (DBERR 27008)
	CAUSE	ALLBASE/SQL attempted to connect to a remote DBEnvironment. Two error messages may be displayed. This is the second message and indicates that there is no AliasDB file or that the permissions are not set correctly.
	ACTION	If the DBEnvironment you want to connect to is on the local node, check the spelling of the DBEnvironment name. If the DBEnvironment you want to connect to is on a remote node, have the system administrator set up the AliasDB file.

27009	MESSAGE	The AliasDB file is empty. (DBERR 27009)
	CAUSE	You tried to "show" profiles from an empty AliasDB file. Profiles in the AliasDB file have been deleted.
	ACTION	Contact the system administrator.

27010	MESSAGE	Open failed on temporary AliasDB file. (! !) (DBERR 27010)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

27011	MESSAGE	Write failed on temporary AliasDB file. (! !) (DBERR 27011)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

28001	MESSAGE	Invalid NETUtil command. (DBERR 28001)
	CAUSE	An invalid command was entered.
	ACTION	Type HELP for a list of valid NETUtil commands.

28002	MESSAGE	Insufficient capability, command disallowed. (DBERR 28002)
	CAUSE	You must have superuser capability to execute this command. A non-superuser can use only the EXIT, HELP, QUIT, SHOW ALIAS, and SYSTEM commands.
	ACTION	Ask the system administrator to execute the command.

28003	MESSAGE	Open failed on NETUsers file. (! !) (DBERR 28003)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

28004	MESSAGE	Open failed on AliasDB file. (! !) (DBERR 28004)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

28005	MESSAGE	Backup failed on NETUsers file. (! !) (DBERR 28005)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

28006	MESSAGE	Backup failed on AliasDB file. (! !) (DBERR 28006)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

28007	MESSAGE	Read failed on message catalog. (! !) (DBERR 28007)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

28008	MESSAGE	Invalid Machine Type. (! !) (DBERR 28008)
	CAUSE	An invalid machine type was entered. Valid machine types are HP 3000 S900, HP 9000 S800, or HP 9000 S300.
	ACTION	Re-enter the machine type.

28009	MESSAGE	Invalid Datacom Type. (DBERR 28009)
	CAUSE	You entered an invalid data communication type. The data communication type must be NS or ARPA.
	ACTION	Re-enter the data communication type.

28010	MESSAGE	Invalid Database Server Type. (DBERR 28010)
	CAUSE	You entered an invalid database management system type. Currently, the only valid database management system is ALLBASE/SQL.
	ACTION	Re-enter the database management system type.

28011	MESSAGE	The AliasDB file has not been created. (DBERR 28011)
	CAUSE	The AliasDB file does not exist.
	ACTION	Ask the system administrator to use the ADD ALIAS command to create the AliasDB file.
28012	MESSAGE	Name cannot start with the wildcard character. (DBERR 28012)
	CAUSE	You tried to add a name to the AliasDB file or NETUsers file beginning with an '*'.
	ACTION	Re-enter the AliasName or NETUser name without the wildcard character.
28019	MESSAGE	Name is too long. (DBERR 28019)
	CAUSE	You entered a DBEnvironment name, node name or login name in the AliasDB or NETUsers file which was too long.
	ACTION	Enter the name again. The maximum length for a DBEnvironment name is 128 bytes; the maximum length for a node name is 256 bytes; and the maximum length for a login name is 56 bytes.
28020	MESSAGE	Database server type must be ALLBASE/SQL. (DBERR 28020)
	CAUSE	You entered an invalid database server type.
	ACTION	Re-enter a valid database server type.
28022	MESSAGE	Machine type must be HP9000 {S300, S400, S700 or S800} or HP3000 S9000. S900. (DBERR 28022)
	CAUSE	You entered an invalid machine type.
	ACTION	Re-enter a valid machine type.
28024	MESSAGE	Datacomm type must be ARPA or NS. (DBERR 28024)
	CAUSE	You entered an invalid datacomm type.
	ACTION	Re-enter a valid datacomm type.

28028	MESSAGE	Datacomm type must be ARPA. (DBERR 28028)
	CAUSE	ARPA is the only valid datacomm type if the client and/or server is running HP-UX 10.0 or greater.
	ACTION	Change datacomm type to ARPA.

28029	MESSAGE	Cannot migrate alias (!) for server (!). (DBERR 28029)
	CAUSE	This error could occur due to the following reasons : 1. Client and/or server already has HP-UX 10.0 installed. 2. Release patch was not installed. 3. Remote loopback was not enabled on the server.
	ACTION	The actions correspond to the above causes. 1. Use manual migration. 2. Install release patch from IND or use manual migration. 3. Enable remote loopback on the server or use manual migration.

28030	MESSAGE	Cannot migrate NETUsers file backward. (DBERR 28030)
	CAUSE	No previous migration of NETUsers file has occurred.
	ACTION	No action is necessary.

28031	MESSAGE	Cannot migrate AliasDB file backward. (DBERR 28031)
	CAUSE	No previous migration of AliasDB file has occurred.
	ACTION	No action is necessary.

28032	MESSAGE	Cannot migrate client login (!) for client node name (!). (DBERR 28032)
	CAUSE	An error occurred attempting to migrate client profile.
	ACTION	Check previous error message, which indicates where error occurred during migration.

28033	MESSAGE	Open failed on log file. (! !) (DBERR 28033)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

28034	MESSAGE	Lock failed on log file. (! !) (DBERR 28034)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

28035	MESSAGE	Unlock failed on log file. (! !) (DBERR 28035)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

28036	MESSAGE	Write failed on log file. (! !) (DBERR 28036)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

28037	MESSAGE	Open failed on server list file. (! !) (DBERR 28037)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

28038	MESSAGE	Lock failed on server list file. (! !) (DBERR 28038)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

28039	MESSAGE	Unlock failed on server list file. (! !) (DBERR 28039)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

28040	MESSAGE	Write failed on server list file. (! !) (DBERR 28040)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

28041	MESSAGE	Backup failed (! !) on file !. (DBERR 28041)
	CAUSE	An HP-UX file system error occurred.
	ACTION	Refer to the /usr/include/sys/errno.h file for an error description.

29001	MESSAGE	Invalid message type received. (DBERR 29001)
	CAUSE	An internal error occurred. The client node or the server node received an invalid message type.
	ACTION	Contact your HP Service Representative or Response Center.

29002	MESSAGE	Insufficient memory to allocate buffer for message. (DBERR 29002)
	CAUSE	There is not enough memory to allocate a buffer for the outgoing message.
	ACTION	Try again later.

29003	MESSAGE	CONNECT or START DBE command expected. (DBERR 29003)
	CAUSE	A CONNECT or START DBE statement is expected.
	ACTION	Add the appropriate statement to the application.

29004	MESSAGE	The ALLBASE/SQL and ALLBASE/NET software on the server machine are older than the ALLBASE/SQL and ALLBASE/NET software on the client machine. (DBERR 29004)
	CAUSE	You are running incompatible releases of ALLBASE/SQL and ALLBASE/NET on the client and server machines.
	ACTION	Ensure that the release of ALLBASE/NET and ALLBASE/SQL on your client node is not more recent than the software on the server node.

29005	MESSAGE	Cannot create a DBE or new log files from a diskless node (DBERR 29005)
	CAUSE	You have executed a START DBE NEW or START DBE NEWLOG statement from a diskless node.
	ACTION	Create the DBE or new log files on the server node in the diskless cluster. Then set up ALLBASE/NET to remotely access the database from the diskless node.
29010	MESSAGE	Invalid SQLX message buffer pointer. (DBERR 29010)
	CAUSE	An ALLBASE/SQL internal error was encountered.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.
29011	MESSAGE	Unsupported remote command. (DBERR 29011)
	CAUSE	The command is not supported by ALLBASE/NET.
	ACTION	Refer to the ALLBASE/NET User's Guide for a list of supported commands.
29440	MESSAGE	Incorrect machine type in AliasDB file. (DBERR 29440)
	CAUSE	You are trying to access an HP3000 system but your AliasDB file specified an HP 9000 system.
	ACTION	Change the machine type field of the AliasDB file profile to "HP 3000 S900."
29441	MESSAGE	Security violation detected on server machine. (DBERR 29441)
	CAUSE	Security violation on the server.
	ACTION	Check the server.

30000	MESSAGE	Datacommunication NS failure. NetIPC Error Code (!). (DBERR 30000)
	CAUSE	NetIPC returned an error. Some NetIPC errors which have been mapped to DBERRs are listed here:

30004 NetIPC Error: Network transport not initialized. (DBERR 30004)

30009 NetIPC Error: Protocol is not active. (DBERR 30009)

30015 NetIPC Error: Attempt to exceed limit of sockets per process. (DBERR 30015)

30016 NetIPC Error: Out of path descriptors or extensions. (DBERR 30016)

30031 NetIPC Error: Duplicate socket name. (DBERR 30031)

30036 NetIPC Error: Table of names is full. (DBERR 30036)

30037 NetIPC Error: Socket name not found. (DBERR 30037)

30040 NetIPC Error: Unknown node. (DBERR 30040)

30043 NetIPC Error: Unable to contact remote registry server. (DBERR 30043)

30044 NetIPC Error: No response from remote registry server. (DBERR 30044)

30055 NetIPC Error: Exceeded socket limit. (DBERR 30055)

30059 NetIPC Error: Socket timeout. (DBERR 30059)

30064 NetIPC Error: Remote protocol module aborted connection. (DBERR 30064)

30065 NetIPC Error: Local protocol module aborted connection. (DBERR 30065)

30067 NetIPC Error: Connection failure detected. (DBERR 30067)

30068 NetIPC Error: Received graceful release of connection. (DBERR 30068)

30110 NetIPC Error: Unanticipated protocol error. (DBERR 30110)

30116 NetIPC Error: Destination unreachable. (DBERR 30116)

30117 NetIPC Error: Attempt to establish connection failed. (DBERR 30117)

30118 NetIPC Error: Incompatible version. (DBERR 30118)

30131 NetIPC Error: Protocol module does not have sufficient resources. (DBERR 30131)

30158 NetIPC Error: Connection request rejected by remote. (DBERR 30158)

	ACTION	Refer to the NetIPC Error Codes in the *HP 9000 NetIPC Programmer's Guide*.

31000	MESSAGE	Datacommunication BSD failure. (DBERR 31000)
	CAUSE	A data communication error occurred.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

31004	MESSAGE	The connect sequence was interrupted before completion. (DBERR 31004)
	CAUSE	The connect sequence could not be completed.
	ACTION	Restart the application.

31009	MESSAGE	Invalid virtual circuit descriptor. (DBERR 31009)
	CAUSE	An internal error occurred. The internal virtual circuit descriptor is not the one from the successful connect call.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

31014	MESSAGE	Invalid data pointer specified in ARPA sockets call. (DBERR 31014)
	CAUSE	An internal error occurred.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

31022	MESSAGE	Invalid parameter specified in ARPA sockets call. (DBERR 31022)
	CAUSE	An internal error occurred.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

31023	MESSAGE	The system's table of open files is full. (DBERR 31023)
	CAUSE	The socket call cannot be accepted because the system's table is full.
	ACTION	Try to connect again later.

31024	MESSAGE	The peer-process descriptor table is full. (DBERR 31024)
	CAUSE	The socket call cannot be accepted because the application's open file exceeds the per-process limit.
	ACTION	Close some files, then try to connect again.

31032	MESSAGE	The send cannot be completed, because the connection has been shutdown either by the remote peer or by the client process. (DBERR 31032)
	CAUSE	A data communication error occurred or the peer process does not exist.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

31216	MESSAGE	The virtual circuit descriptor is a file, not a socket. (DBERR 31216)
	CAUSE	An internal error occurred.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

31219	MESSAGE	The type of socket and protocol do not match. (DBERR 31219)
	CAUSE	An internal error occurred.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

31221	MESSAGE	The specified protocol is not supported. (DBERR 31221)
	CAUSE	An internal error occurred.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

31222	MESSAGE	The specified socket type is not supported. (DBERR 31222)
	CAUSE	An internal error occurred.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

31223	MESSAGE	ARPA network services have not been installed on this system. (DBERR 31223)
	CAUSE	An attempt has been made to access a remote database from a system where networking services have not been installed.
	ACTION	Install networking services on the system.

31225	MESSAGE	The specified address family is not supported. (DBERR 31225)
	CAUSE	An internal error occurred.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

31226	MESSAGE	The address is already in use. (DBERR 31226)
	CAUSE	You tried to start the listener daemon, but it has already been started.
	ACTION	No action necessary.

31227	MESSAGE	The specified address is not available. (DBERR 31227)
	CAUSE	The /etc/hosts file is not set up correctly or there is an data communication error
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

31229	MESSAGE	The network cannot be reached from this host. (DBERR 31229)
	CAUSE	The network has not been set up.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

31232	MESSAGE	The connection was reset by peer process. (DBERR 31232)
	CAUSE	A data communication error occurred or the peer process was terminated.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

31233	MESSAGE	Insufficient resources available to complete socket operation. (DBERR 31233)
	CAUSE	The cause depends on which ARPA sockets function called failed. However, this error is an indication that there are not enough system resources available to complete the system call.
	ACTION	Try again later.

31235	MESSAGE	The socket is not connected or the socket has not completed the connect sequence with its peer. (DBERR 31235)
	CAUSE	The application ignored the error message from the connect call and continued to run the application which caused the internal usage of the descriptor from the failed call.
	ACTION	Check the application error messages. Try to connect after correcting the error.

31238	MESSAGE	The connection timed out due to a transmission timeout. (DBERR 31238)
	CAUSE	Internal timeout reached.
	ACTION	Try to connect again.

31239	MESSAGE	The attempt to connect to a remote system was rejected. (DBERR 31239)
	CAUSE	An internal error occurred. The listener daemon is down.
	ACTION	Remove the tmp/hpdaARPA.log or the tmp/hpdaNS.log file and restart the listener daemon. Verify that the ARPA listener is running. Refer to the *ALLBASE/NET User's Guide* for more information. If this does not solve the problem, record as much information as possible and contact your HP Service Representative or Response Center.
31241	MESSAGE	The server node is down. (DBERR 31241)
	CAUSE	Unable to communicate with the server.
	ACTION	Reboot the system. If this does not solve the problem record as much information as possible and contact your HP Service Representative or Response Center.
31243	MESSAGE	Hardware error on interface card. (DBERR 31243)
	CAUSE	There is a hardware error on the interface card.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.
31900	MESSAGE	Invalid login in NETUsers file. (DBERR 31900)
	CAUSE	Incorrect syntax for server login in NetUsers file.
	ACTION	Check 'Idtfy_clnt INVALID LOGIN' message in server log file hpdanslg.pub.sys for server login used. Run NETUtil to correct server login.
31992	MESSAGE	Corresponding ALLBASE/NET error not found for error (!) (DBERR 31992)
	CAUSE	An error number has been generated that cannot be handled by the client.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

31994	MESSAGE	No entry found in password file on server node. (DBERR 31994)
	CAUSE	The user name you specified by the PC API logon is not defined on this server.
	ACTION	Verify that the user name sent by the PC is the correct user name. If it is the correct user name, add it to the server's password file.
31995	MESSAGE	Hostname not found or the hosts file cannot be opened. (DBERR 31995)
	CAUSE	The hostname cannot be found in the /etc/hosts file or the /etc/hosts file does not exist.
	ACTION	Check the hosts file for the correct hostname. Make sure it is spelled correctly in the AliasDB file.
		or
		ask the system administrator to set up the file.
31996	MESSAGE	The protocol file cannot be opened or the protocol name 'tcp' is not found. (DBERR 31996)
	CAUSE	The /etc/protocols file does not exist or 'tcp' is not in the /etc/protocols file.
	ACTION	Ask the system administrator to set up the file or to correct the file. Refer to the LAN installation manual for information on this file.
31997	MESSAGE	The services file cannot be opened or the profile for 'DAServer' is not in the services file. (DBERR 31997)
	CAUSE	The /etc/services does not exist or the definition of the ALLBASE/SQL RDA server is not in the /etc/services file.
	ACTION	Ask the system administrator to set up the services file or to correct the file. Refer to the LAN installation manual for information on this file.

31998	MESSAGE	Remote hpsqlproc process terminated prematurely. (DBERR 31998)
	CAUSE	The server process terminated before the application finished.
	ACTION	Restart the application.

31999	MESSAGE	The data communication service is undefined. (DBERR 31999)
	CAUSE	The data communication type you specified in the AliasDB file is undefined or an abnormal situation occurred.
	ACTION	Correct the profile in the AliasDB file or contact your HP Service Representative or Response Center.

34001	MESSAGE	Installation error detected. Check permissions and owner. (DBERR 34001)
	CAUSE	The permissions, owner, or group of /usr/bin/sqlmon are incorrect.
	ACTION	Change the attributes of /usr/bin/sqlmon so that the permission is 4555, the owner is hpdb, and the group is bin.

34002	MESSAGE	Cannot create temporary file under /tmp. (! !) (DBERR 34002)
	CAUSE	A file system error was encountered. /tmp is probably full.
	ACTION	Contact your system administrator.

34003	MESSAGE	TERMINFO data error. Using default HP terminal values. (DBERR 34003)
	CAUSE	An unexpected error was encountered while obtaining valid escape sequences for your terminal.
	ACTION	Check the value of the TERM environment variable. Contact your system administrator to verify that your terminal type has been added to the /usr/lib/terminfo database.

34004	MESSAGE	Cannot start session. (RC !, !, !, !) (DBERR 34004)
	CAUSE	An unexpected error was encountered when trying to connect to the DBEnvironment.
	ACTION	Look for an additional message that provides more information.

34005	MESSAGE	Cannot terminate session. (RC !, !, !, !) (DBERR 34005)
	CAUSE	An unexpected error was encountered when trying to release from the DBEnvironment.
	ACTION	Look for an additional message that provides more information.

34006	MESSAGE	DBCORE error. (FNC !, RC !, !, ! !) (DBERR 34006)
	CAUSE	An unexpected internal error was encountered.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

34008	MESSAGE	Unexpected INTERNAL error. (!, !, !, !) (DBERR 34008)
	CAUSE	An unexpected internal error was encountered.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

34009	MESSAGE	Cannot attach to shared memory (RC !, !) (DBERR 34009)
	CAUSE	An unexpected error was encountered.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

34010	MESSAGE	Cannot detach from shared memory (!) (DBERR 34010)
	CAUSE	An unexpected error was encountered.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

34020	MESSAGE	Cannot allocate memory for data buffer structure (! !, !) (DBERR 34020)
	CAUSE	An unexpected error was encountered.
	ACTION	Contact your system administrator.

34021	MESSAGE	Cannot get data buffer pool head! (DBERR 34021)
	CAUSE	An unexpected error was encountered while trying to find the data buffer pool in memory.
	ACTION	The database administrator might have issued a STOP DBE statement. If not, record as much information as possible and contact your HP Service Representative or Response Center.

34022	MESSAGE	Number of data buffers not equal to DBECON value! (!, !, !) (DBERR 34022)
	CAUSE	The size of the data buffer pool in memory does not match the size that is recorded in the DBECON file.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

34023	MESSAGE	Cannot get current buffer information! (DBERR 34023)
	CAUSE	An unexpected error was encountered while sampling the data buffer pool.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

34030	MESSAGE	Could not find DBEFILE statistics in JMACRE buffer (DBERR 34030)
	CAUSE	An unexpected error was encountered.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

34031	MESSAGE	Could not find INDEX statistics in JMACRE buffer (DBERR 34031)
	CAUSE	An unexpected error was encountered.
	ACTION	Record as much information as possible and contact your HP Service Representative or Response Center.

34071	MESSAGE	Number of sessions exceeds internal maximum (max=!) (DBERR 34071)
	CAUSE	A limit has been reached.
	ACTION	If you need the limit increased, please contact your HP Service Representative or Response Center.

34072	MESSAGE	Number of latches exceeds internal maximum (max=!) (DBERR 34072)
	CAUSE	A limit has been reached.
	ACTION	If you need the limit increased, please contact your HP Service Representative or Response Center.

34076	MESSAGE	Number of data buffers exceeds internal maximum (max=!) (DBERR 34076)
	CAUSE	A limit has been reached.
	ACTION	If you need the limit increased, please contact your HP Service Representative or Response Center.

34077	MESSAGE	Number of qualifying locks exceeds internal maximum (max=!) (DBERR 34077)
	CAUSE	A limit has been reached.
	ACTION	Use the SET LOCKFILTER or SET LOCKTABFILTER commands to reduce the number of locks that qualify. If you need the limit increased, please contact your HP Service Representative or Response Center.

34100	MESSAGE	Input too long. Maximum length is !. (DBERR 34100)
	CAUSE	The total length of the input line exceeded the allowed limit.
	ACTION	Issue the command again.

34102	MESSAGE	Unexpected end of input. (DBERR 34102)
	CAUSE	An error was encountered trying to retrieve the next command.
	ACTION	Check the output and input to see if all commands executed properly.

34103	MESSAGE	Illegal syntax. (DBERR 34103)
	CAUSE	Command was entered incorrectly.
	ACTION	Issue the command again. You can use the help facility to verify your syntax.

34104	MESSAGE	Illegal integer. (DBERR 34104)
	CAUSE	Numeric value was entered incorrectly.
	ACTION	Issue the command again.

34105	MESSAGE	Integer value out of range. (min=!,max=!) (DBERR 34105)
	CAUSE	The number specified was not between the min and max values listed in the message.
	ACTION	Issue the command again.

34106	MESSAGE	Illegal OWNER.TABLE value. (DBERR 34106)
	CAUSE	You did not specify a valid table name.
	ACTION	Issue the command again.

34107	MESSAGE	Illegal PAGE/ROW ID value. (DBERR 34107)
	CAUSE	You did not specify a valid value.
	ACTION	Issue the command again.

34120	MESSAGE	SystemFileName name is too long. Maximum length is !. (DBERR 34120)
	CAUSE	The allowable length for the SystemFileName was exceeded.
	ACTION	Issue the command again.

34121	MESSAGE	DBEFile name is not valid for this DBEnvironment. (DBERR 34121)
	CAUSE	You did not specify a valid DBEFile name.
	ACTION	Issue the command again.

34122	MESSAGE	DBEFileSet name is not valid, or has no DBEFiles. (DBERR 34122)
	CAUSE	You did not specify a valid DBEFileSet name.
	ACTION	Issue the command again.

34501	MESSAGE	DBEnvironmentName is too long. Maximum length is !. (DBERR 34501)
	CAUSE	The allowable length for the DBEnvironmentName was exceeded.
	ACTION	Issue the command again.

34502	MESSAGE	MAINT is too long. Maximum length is !. (DBERR 34502)
	CAUSE	The allowable length for the maintenance word was exceeded.
	ACTION	Issue the command again.

34503	MESSAGE	Incompatible DBEnvironment version (!). (DBERR 34503)
	CAUSE	The version of the DBEnvironment is incompatible with the version of the program.
	ACTION	Contact your database administrator, who probably needs to use SQLMigrate.

34504	MESSAGE	Not authorized to use SQLMONITOR on this DBEnvironment. (DBERR 34504)
	CAUSE	You are not the DBECreator or superuser.
	ACTION	Sign on as a user who does have the required authority.

34507	MESSAGE	Database in SINGLE-USER MODE. Cannot use SQLMONITOR. (DBERR 34507)
	CAUSE	The DBEnvironment must be started in multi-user mode in order for SQLMonitor to connect to it.
	ACTION	Try again later.

34530	MESSAGE	DBEFileSetName is too long. Maximum length is !. (DBERR 34530)
	CAUSE	The allowable length for the DBEFileSetName was exceeded.
	ACTION	Issue the command again.

34531	MESSAGE	DBEFileName is too long. Maximum length is !. (DBERR 34531)
	CAUSE	The allowable length for the DBEFileName was exceeded.
	ACTION	Issue the command again.

34540	MESSAGE	OWNER.TABLE is too long. Maximum length is !. (DBERR 34540)
	CAUSE	The allowable length for the OWNER.TABLE was exceeded.
	ACTION	Issue the command again.

34541	MESSAGE	PAGE/ROW ID is too long. Maximum length is !. (DBERR 34541)
	CAUSE	The allowable length for the PAGE/ROW ID was exceeded.
	ACTION	Issue the command again.

34550	MESSAGE	SystemFileName is too long. Maximum length is !. (DBERR 34550)
	CAUSE	The allowable length for the SystemFileName was exceeded.
	ACTION	Issue the command again.

34551	MESSAGE	SystemFileName could not be opened. (! !, !, !, !) (DBERR 34551)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the system administration manual.

34552	MESSAGE	SystemFileName could not be created. (! !, !, !, !) (DBERR 34552)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the system administration manual.

34553	MESSAGE	SystemFileName could not be rewritten. (DBERR 34553)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the system administration manual.

34557	MESSAGE	SystemFileName could not be closed. (! !, !, !, !) (DBERR 34557)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the system administration manual.

34559	MESSAGE	Environment variable is too long. Maximum length is !. (DBERR 34559)
	CAUSE	The total length of the environment variable name exceeded the allowed limit.
	ACTION	Issue the command again.

34560	MESSAGE	Could not write to SystemFileName. (FSERR !, !, !, !) (DBERR 34560)
	CAUSE	A file system error was encountered.
	ACTION	Refer to the system administration manual.

34585	MESSAGE	Timeout expired (! seconds, FNC !) (DBERR 34585)
	CAUSE	SQLMON was not able to obtain some internal resource that was needed to complete the last command (for example, perhaps another session had obtained an X (exclusive) or an IX (intent exclusive) lock on a table that SQLMON was trying to read from).
	ACTION	You may wish to use the SET USERTIMEOUT command to set a higher timeout value and issue your original command once again.

34610	MESSAGE	The timeout expired during an attempt to "Get Statistics" on table !.!, which exists within DBEFileset ! (DBERR 34610).
	CAUSE	SQLMON was not able to obtain some internal resource that was needed to complete the last command (for example, perhaps another session had obtained an X (exclusive) or an IX (intent exclusive) lock on the table that SQLMON was trying to read from).
	ACTION	You may wish to use the SET DBEFILESET command to specify another DBEFileset, and issue your original command once again. You can visit the STATIC screen to determine the DBEFileSets that exist within your DBEnvironment, and the tables that exist within them.

34630	MESSAGE	The timeout expired during an attempt to "Get Statistics" on a temporary table within DBEFileset ! (DBERR 34630).
	CAUSE	SQLMON was not able to obtain some internal resource that was needed to complete the last command.
	ACTION	You may wish to use the SET DBEFILESET command to specify another DBEFileset, and issue your original command once again. You can visit the STATIC screen to determine the DBEFileSets that exist within your DBEnvironment, and the tables that exist within them.

35404	MESSAGE	Incorrect user password. (DBERR 35404)
	CAUSE	The password given for the logon user is not valid.
	ACTION	Determine what the correct password is.

35412	MESSAGE	Login string format is invalid. (DBERR 35412)
	CAUSE	The login string received does not conform to the MPE login syntax.
	ACTION	Supply a correct login string.

35414	MESSAGE	Invalid function code, !, received. (DBERR 35414)
	CAUSE	The server received a function code from the PC that it was not expecting.
	ACTION	Record all error information and call your HP representative.

140336	MESSAGE	Out of system resources. (DBERR 140336)
	CAUSE	The system is overloaded and new processes cannot be created.
	ACTION	Check for hung processes

or

run the process when fewer processes are running. |

4

ALLBASE/SQL Console Error Messages

The following error messages are generated by sqldaemon and appear on the HP-UX console.

MESSAGE	Problem encountered in database.	
CAUSE	The sqldaemon process (ALLBASE/SQL background cleanup process) has encountered a problem in an active database.	
ACTION	Read the following messages. Note that this message is followed by the name of the DBECon file of the database experiencing the problem.	

MESSAGE	Database is closed or possibly corrupted. Shutting down.
CAUSE	The sqldaemon process has determined that the problem encountered is severe enough to warrant shutting down the database.
ACTION	Read the following message, if any. Verify that the database is in a consistent state and then restart. Note that sometimes, owing to timing problems, when a database has been properly shutdown and deleted, the sqldaemon may return the above message. This is because the database has been removed before the sqldaemon process was aware that it has already been shut down. In such cases the above message is not significant.

MESSAGE	Database appears to be hung. No actions are completed.
CAUSE	The database has been deadlocked for a significant amount of time.
ACTION	Restart the database after the sqldaemon process shuts it down.

MESSAGE	A database process died in a critical section.
CAUSE	The sqldaemon process has discovered that one of the database processes has failed while holding important resources.
ACTION	Restart the database after the sqldaemon process shuts it down.

MESSAGE	sqldaemon cannot get appropriate privileges. Check installation.
CAUSE	The sqldaemon process has been denied the necessary authorities.
ACTION	Terminate all DBE sessions. Do an ll on /usr/bin/sqldaemon. Check that the mode is -r-sr-xr-x. If the mode is not correct, use the chmod command to change the permissions to 4555. Check that the owner is hpdb and that the group is bin. If not, use the appropriate HP-UX command to correct the ownerships.

MESSAGE	sqldaemon has encountered a fatal error.
CAUSE	The sqldaemon process is unable to get the run-time information it needs because of problems within the database.
ACTION	Restart the database after the sqldaemon process shuts it down.

MESSAGE	sqldaemon has failed unexpectedly.
CAUSE	The sqldaemon process has failed due to some internal inconsistency.
ACTION	Restart the database after the sqldaemon process shuts it down.

MESSAGE	Current Log (Sequence No. !) is full. Changed to next log file.
CAUSE	A log file became full.
ACTION	No action required.

MESSAGE	Log Identifier ! (Sequence No. !) is ready for backup.
CAUSE	A log file is ready for backup.
ACTION	The log must be backed up before it can be reused.

MESSAGE   Error reading/writing to log file ! (Sequence No. !). Log
           unusable.

CAUSE   An error occurred during read or write operations on a log file.

ACTION   A switch was made to the next log file.