CULPRIT™
ERROR CODES AND MESSAGES

REVISION 0.0

RELEASE 10.2

SEPTEMBER 1987

Cullinet®

This manual documents error codes and messages supplied by Release 10.2 and earlier releases of CULPRIT™. It supersedes the Release 6.1 version, dated September 1982.

Updates to this manual will be distributed in the form of Document Updates or new revisions.

Reader comments concerning this manual are welcome and should be addressed to System Software Documentation, Cullinet Software, Inc., 400 Blue Hill Drive, Westwood, Massachusetts 02090. A reader comment form has been placed inside the back cover for your convenience.

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How to Use This Manual

What This Manual Contains

- Descriptions of error codes and messages produced by CULPRIT
- Descriptions of messages produced by CULPRIT's Extended Error Handling Facility, which you can use to diagnose run-time errors.
- Descriptions of statistical reports and hexadecimal dumps that indicate how CULPRIT retrieved and processed information
- Listings of abend and RSUB codes generated by CULPRIT

Who Should Use This Manual

- **All CULPRIT users**, including those using non-Cullinet files or database management systems, such as LIFE70 and IMS
- **EDP-AUDITOR™ users**
- **Database administrators (DBAs) and data dictionary administrators (DDAs)** responsible for running Cullinet System Software reports, such as DREPORTs and JREPORTs

How Information Is Presented

Release 10.2 users can look up a message by its message id in Section 3, "CULPRIT Messages." Users of Release 10.1 and earlier can look up a message in:

1. Appendix A, "Messages Listed in Alphabetical Order" for the message id associated with the message. The messages are listed in alphabetical order.

2. Section 3, "CULPRIT Messages" for the message id and associated description.

Related Cullinet Documentation

- **For the CULPRIT programmer:**
  - *CULPRIT Reference*
  - *CULPRIT User Modules*
  - CULPRIT supplements
- **For the DBA and DDA:**
  - *Cullinet System Software -- Reports*
  - *Cullinet System Software -- Error Codes and Messages*
- **For the EDP-AUDITOR programmer:**
  - *EDP-AUDITOR Library of Routines User's Guide*

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Section 1

Introduction

CULPRIT™ produces diagnostic messages and reports that help you locate and correct errors in your CULPRIT code or input data. This section introduces:

- The types of diagnostic information CULPRIT generates
- The CULPRIT listings on which the information appears
- Error-handling options for printing messages

TYPES OF DIAGNOSTIC INFORMATION

CULPRIT generates the following types of diagnostic messages and statistical reports:

- **CULPRIT messages** document CULPRIT errors that occur during all phases of CULPRIT processing. Each message has an associated message id in the form *Cnnnnnn*. Section 2, "How to Read a CULPRIT Message" describes these messages in more detail and describes each message that CULPRIT produces.

  NOTE: Only Release 10.2 users obtain a message id with their messages. If you are running an earlier release of CULPRIT, see Appendix A, "Messages Listed in Alphabetical Order," which cross-references each message and its identifier.

- **Extended Error Handling Facility messages** document run-time errors that occur due to defective data. Section 4, "Extended Error Handling Facility" describes these messages in more detail and presents a CULPRIT report listing for each type of message.

- **Abend codes** indicate why a CULPRIT job terminates abnormally. Section 5, "Abend Codes" lists each abend code that CULPRIT generates and its associated message.
- **RSUB codes** indicate why CULPRIT failed to access a data table. Section 6, "RSUB Codes" provides a table of each code and its associated description.
- **CULPRIT listings** for runs that consolidate tables, and end-of-file statistics document how CULPRIT processed input and output data for the run. These reports appear in "Types of Listings," below.

TYPES OF LISTINGS

Listing	What it does	Phase
Sequential Parameter	Lists the CULPRIT parameters submitted for the job.	CULPO
Input Parameter	Lists the parameters sorted according to CULPRIT's internal parameter sort routine and includes default values supplied by CULPRIT	CULL
Run Time Messages	Lists statistics that result from processing the input and output data, such as the number of records selected for processing and the number written for a particular report.	CULL and CULE
CULPRIT Controller Messages	Lists the occurrence of a canceled 1-step CULPRIT job	All

Each of these listings is described in detail below. For more information about CULPRIT's processing phases, see the *CULPRIT Reference*.

SEQUENTIAL PARAMETER LISTING

CULPRIT generates the Sequential Parameter Listing during the precompile phase of processing. The listing prints the CULPRIT parameters in the order they are submitted. The listing also shows the parameters that are copied from stored code by using the USE, =COPY, or =MACRO parameters.

CULPRIT produces two types of messages on the Sequential Parameter Listing:

- **Error messages** report the location of syntax errors. Generally, CULPRIT underscores the error with asterisks (*).
- **Informational errors,** such as whether CULPRIT was installed with security on or off.

Figure 1-1 shows an example of the Sequential Parameter Listing.

```
03/31/87                                    SEQUENTIAL PARAMETER LISTING                    Cxxxxx V10.2  PAGE    1

00 ** SYSIN **                        DATABASE DICTNAME=TSTDICT
                                      PROFILE USER=DOC1 PW=
 C200138 INSTALLATION SECURITY OPTION IS NO

                                      IN DB SS=EMPSS01,EMPSCHM,100
 C200084 CULPRIT/DIRECTORY INTERFACE - IDMS 10.2 CULPRIT 10.2
 C200175 DICTIONARY SECURITY OPTION IS OFF
 C200186 AUTO-ATTRIBUTES IS OFF
                                      PATHAA DEPARTMENT EMPLOYEE EMPOSITION
                                      PATHBB DEPARTMENT EMPLOYEE OFFICE
                                      010UTPUT TABLE=EMP-TABLE TYPE=CREATE ONLINE=YES CATALOG=ASFDICT
                                      010 EMPLOYEE-ID
                                      0151*001 EMP-ID-0415          FN IX=A
                                      0151*002 EMP-NAME-0410        SZ= 20
                                      0151*003 START-YEAR-0415
                                      0151*004 DEPT-HEAD-ID-0410  FN
                                      0151*005 DEPT-ID-0410       FN
                                      0151*006 SALARY-AMOUNT-0420 FP
                                      0151*007 OFFICE-CODE-0450
                                      017001 IF DEPT-ID-0410 NE (4000 5200) DROP
                                      017003 IF EMP-ID-0415 EQ EMPLOYEE-ID   DROP
                                      017005 MOVE EMP-ID-0415 TO EMPLOYEE-ID
E C200106 FIELD NAME UNKNOWN TO DICTIONARY - EMP-NAME-0410
```

Error message indicating an unknown field name.

Informational messages.

Figure 1-1. Sample of a Sequential Parameter Listing

INPUT PARAMETER LISTING

CULPRIT generates the Input Parameter Listing during the compile phase of CULPRIT processing. The Input Parameter Listing shows:

- **CULPRIT's parameters** in an order determined by CULPRIT's standard sort. It includes both user-supplied and CULPRIT-supplied parameters and default values assumed by CULPRIT.

- **Internal code** generated by CULPRIT in response to compound arithmetic or conditional expressions.

The Input Parameter Listing prints messages in these locations:

- Below parameters that are in error

- At the end of the Input Parameter Listing for each report

- Before the Run Time Messages listing, printing a message that indicates whether CULPRIT will read the input data for the CULPRIT job

Figure 1-2 shows an example of an Input Parameter Listing.

```
03/31/87                                          INPUT PARAMETER LISTING                                  Cxxxxx V10.2  PAGE     2

********
WORK     LENGTH   WORK-FIELD-NAME    OCCURRENCES  DECIMAL POINT AND VALUE
********
 01  0   008       EMPLOYEE-ID          0

********
OUTPUT   DATA TABLE
********
 01 OUT  TABLE-NAME:       EMP-TABLE
         FUNCTION TYPE:    CREATE    DETAILS ONLY          COMMIT:        100
         LR-NAME:          EMP-TABLE                       SUBSCHEMA:  RU000338
         USER:             DOC1                            OWNER:      DOC1
         CATALOG:          ASFDICT                         SYSCTL:     SYSCTL          LOCATION:
         AREA:             IDMSR-AREA2                     COMMENT:
         SIZE- PRIMARY:              SECONDARY:            MAXIMUM:
         ONLINE: Y         DISPLAY: Y       LOAD: Y        CHANGE: Y         ERASE: Y

********
EDIT     LINE CC COLUMN  VALUE OR FIELD-NAME AND EDIT OPTIONS...
********
 01  5     1       *001   EMP-ID-0415          FN
 01  5     1       *002   EMP-NAME-0410        SZ=0020
E C300032 FIELD IS UNDEFINED
 01  5     1       *003   START-YEAR-0415
 01  5     1       *004   DEPT-HEAD-ID-0410    FN
 01  5     1       *005   DEPT-ID-0410         FN
 01  5     1       *006   SALARY-AMOUNT-0420   FP
 01  5     1       *007   OFFICE-CODE-0450

********
PROCESS USER   INTERNAL
        LABEL  SEQUENCE     PROCESS STATEMENT
********
 01  7  001        1    $ IF DEPT-ID-0410 NE (4000 5200) DROP
 01  7             2    DEPT-ID-0410        NE        4000      INTSEQ-4
 01  7             3    B            INTSEQ-5
 01  7             4    DEPT-ID-0410        NE        5200      DROP
 01  7             5    $
 01  7  003        6    $ IF EMP-ID-0415 EQ EMPLOYEE-ID   DROP
 01  7             7    EMP-ID-0415         EQ        EMPLOYEE-ID         DROP
 01  7  005        8    M          EMP-ID-0415         EMPLOYEE-ID
E C300055 E-LEVEL ERRORS - REPORT NOT PROCESSED
F C300019 E-LEVEL ERRORS - EXTRACT NOT PERFORMED
```

Error message indicates EMP-NAME-0410 is not defined.

Fatal error indicates that CULPRIT will not read the input data for the job.

Figure 1-2. Sample of an Input Parameter Listing

RUN-TIME MESSAGES

CULPRIT generates run time messages during two phases:

- **Extract phase** -- Messages and statistics appear in the Run Time Messages listing.
- **Output phase** -- Messages and statistics appear in the body of the report when a processing problem occurs and at the end of the report output.

Extract Phase Messages and Statistics

The extract phase produces the following messages and statistics on the Run Time Messages listing:

- **Run-time messages** -- Resulting from processing input data from a single file, multiple files, database records, and tables. Some errors are followed by additional information provided by the Extended Error Handling Facility, as described in Section 4.

  Figure 1-3 shows a sample run-time message and some additional information provided by the Extended Error Handling Facility.

```
04/17/87                                          RUN TIME MESSAGES                                    Cxxxxx V10.2  PAGE    25

 C350023 INVALID NUMERIC DATA ENCOUNTERED IN REPORT 01 <------ Run-time message.
 ERROR OCCURRED DURING PROCESSING DETAIL   LINE 1 FIELD   2

 MOST RECENT SUBSCRIPT VALUE            0

 INPUT BUFFER NUMBER           25

 RECORD BUFFER DUMP

            CHAR   900BLYNN      ASLING                                                    000000000   2222222280 0 0 0
            ZONE   FFFCDEDD444444CEDCDC444444444444444444444444444444444444444444444444444444FFFFFFFFFC44FFFFFFFFCFCFCFCFC
            DIGIT  900238550000001239570000000000000000000000000000000000000000000000000000000000000000000000000000000
                 01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

            CHAR   0 0 0 0 0 9991                          MEN.C0600.MCK.EMP                          &       H   C
            ZONE   FCFCFCFCFCFFFC4444444444444444444449B150070CD4CFFFF4DCD4CDD4444444444444444080080540A3000C000C0009022E
            DIGIT  000000000099990000000000000000000D68840455B30600B432B54700000000000000000006B0087460008000700100330
                101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

 ********************

 C350033 NUMBER OF EXTRACT DATA ERRORS HAS EXCEEDED     25
 C350037 MESSAGES SUPPRESSED UNTIL END OF FILE

 ********************                                                  Additional information
                                                                       provided by the Extended
***********  END OF FILE  ***************************************      Error Handling facility.

        61 INPUT RECORDS READ
      61 DATA ERRORS OCCURRED IN EXTRACT LOGIC <------ Run-time statistics.
      61 ERRORS IN REPORT 01
```

Figure 1-3. Run Time Messages Listing with an Extract Phase Error

- **End-of-file statistics** -- Summarizing how input records were processed during the extract phase. CULPRIT generates these end-of-file statistics:

  - **SELECT/BYPASS statistics** -- Indicate how many records:

    - Were tested for particular selection criteria

    - Passed the test

    - Failed the test and whether the test failed due to numeric or subscript errors

    Figure 1-4 shows an example of SELECT/BYPASS statistics.

  - **Data table update statistics** -- Indicate:

    - The type of operation performed on a specific data table

    - The status of the table definition (that is, generated or requires generation)

- The number of rows copied or stored

Figure 1-5 shows an example of Data Table Update Statistics appearing in the Run Time Message listing.

- **Single file extract statistics** -- Record the number of input records that were read from a single input file. Figure 1-6 shows an example.

- **End-of-match statistics** -- Record the number of records that were:

  - Read from each file used in the match-file run

  - Out of sequence

  The end-of-match messages appear immediately before the end-of-file statistics on the Run-time Messages page, as shown in Figure 1-7. Errors produced by the Extended Error Handling Facility (described in Section 4) also appear in this listing for all out-of-sequence records.

- **IDMS/R Database Extract Statistics** -- Document the number of strings that are returned for each path defined on a PATH parameter. This information immediately precedes end-of-file messages on the Run Time Messages page. The statistics also include the number of records of each type that are read on all paths, as shown in Figure 1-8.

```
03/31/87                                        INPUT PARAMETER LISTING                          Cxxxxx V10.2  PAGE     2
********
SEL/BYP  REF        CONDITION
********
 SEL              $     DEPARTMENT WHEN DEPT-ID-0410 EQ (4000 5200)
 SEL     00001      DEPT-ID-0410        EQ        4000
 SEL     00002      DEPT-ID-0410        EQ        5200
```

CULPRIT assigns a reference number to each portion of a SELECT/BYPASS expression.

```
03/31/87                                          RUN TIME MESSAGES                              Cxxxxx V10.2  PAGE     1

 EMPOSITION                    15
 OFFICE                        13

***********  END OF FILE  ****************************************************

          28 INPUT RECORDS READ

         SELECTION SPECIFICATION STATISTICS

         BEGINNING      TIMES      TIMES      TIMES    NUMERIC  SUBSCRIPT
         REFERENCE     TESTED      TRUE      FALSE     ERRORS     ERRORS
          NUMBER

             1           14         2         12         0          0
```

This reference number is assigned by CULPRIT in the Input Parameter Listing.

Figure 1-4. Run Time Messages Listing -- Selection Specification Statistics

```
03/31/87                                          RUN TIME MESSAGES                              Cxxxxx V10.2  PAGE     1

***********  END OF FILE  ****************************************************

          28 INPUT RECORDS READ

         SELECTION SPECIFICATION STATISTICS

         BEGINNING      TIMES      TIMES      TIMES    NUMERIC  SUBSCRIPT
         REFERENCE     TESTED      TRUE      FALSE     ERRORS     ERRORS
          NUMBER

             1           14         2         12         0          0

 DATA TABLE UPDATE STATISTICS
                                                          TABLE            ROWS
 REPORT      FUNCTION          LR-NAME                  DEFINITION        STORED
 ------      --------          -------                  ----------        ------

   01         CRE          EMP-TABLE                   GENERATED            13
```

CULPRIT reports that it created, generated, and stored 13 rows in table EMP-TABLE.

Figure 1-5. Run Time Messages Listing -- Data Table Update Statistics

```
04/29/87                                    RUN TIME MESSAGES                    CXXXXX V10.2  PAGE    1

***********  END OF FILE  ****************************************************
         61 INPUT RECORDS READ
```

CULPRIT read 61 input records for the job.

Figure 1-6. Run Time Messages Listing -- Single-File Extract Statistics

```
04/29/87                                    RUN TIME MESSAGES                    CXXXXX V10.2  PAGE   25

 ***********  END OF MATCH  ***********
 NUMBER OF RECORDS RETURNED FOR     -- SYS010   --        57
 NUMBER OF RECORDS RETURNED FOR     -- SYS011   --        37
```

CULPRIT read 57 input records from the SYS010 file and 37 from the SYS011 file.

Figure 1-7. Run Time Messages Listing -- End-of-Match Statistics

```
03/31/87                                    RUN TIME MESSAGES                    CXXXXX V10.2  PAGE    1
  IDMS DATABASE EXTRACT STATISTICS
  STRINGS RETURNED FOR PATH AA -          15
  STRINGS TRUNCATED BY SELECTION CRITERIA        12
  STRINGS RETURNED FOR PATH BB -          13
  STRINGS TRUNCATED BY SELECTION CRITERIA        12

  RECORD NAME        NUMBER READ
 DEPARTMENT                 14
 EMPLOYEE                   13
 EMPOSITION                 15
 OFFICE                     13

***********  END OF FILE  ****************************************************
         28 INPUT RECORDS READ
```

CULPRIT returned 15 strings for path AA, 12 of which failed the selection criteria.

CULPRIT reports the number of record occurrences it processed for each type of record.

Figure 1-8. Run Time Messages Listing -- IDMS/R Database Extract Statistics

Output Phase Messages and Statistics

The output phase produces run-time messages and statistics:

- **Run-time messages** -- Document report processing problems that occur during CULPRIT's output phase of processing. These messages print in the report output where the problem occurs, as shown in Figure 1-9. Messages for nonprinted reports print after a printed report, if any.

  By establishing a limit in the OE= specification on the PROFILE parameter, you can control the number of printed messages.

- **Run-time statistics** -- Document the number of records written for each report. The statistics appear at the top of a new page following the printed report.

  Figure 1-10 shows a sample of end-of-report statistics.

```
                                                    10
                                                    10
                                                    10
                                                    10
                                                    10
                                                    10
                                                    10
                                                    10
W C750012 DECIMAL DIVIDE EXCEPTION IN REPORT 01
                                                    80
```

Run-time message in the output phase.

Figure 1-9. Output Phase Run Time Messages

```
C750009 RECORDS WRITTEN FOR REPORT 01 --        95
```

CULPRIT prints the number of records written for each report.

Figure 1-10. Output Phase Run Time Statistics

CULPRIT CONTROLLER MESSAGES LISTING

CULPRIT produces Controller Messages when it executes an MVS or VM/CMS 1-step CULPRIT job. The controller messages document when a job cancels due to a:

- System abend
- User abend
- User-specified return code

The messages print on a separate page, following all other messages.

Table 1-1 lists CULPRIT's controller messages.

Table 1-1. CULPRIT's Controller Messages

Type of Termination	Job Return Code	Error Message
System abend	99	F CULPRIT JOB CANCELLED AFTER program-name (CONT) SYSTEM ABEND = code
User abend	Abend code from phase	F CULPRIT JOB CANCELLED AFTER program-name (CONT) USER ABEND OR RETURN CODE = code
User-specified return code	Return code from phase	F CULPRIT JOB CANCELLED AFTER program-name (CONT) USER ABEND OR RETURN CODE = code

Figure 1-11 shows an example of a CULPRIT controller message.

```
                    CULPRIT CONTROLLER MESSAGES                    1

F C700007 CULPRIT JOB CANCELLED AFTER CULE
  (CONT) SYSTEM ABEND CODE= 0C1
```

Figure 1-11. CULPRIT Controller Messages Listing

ERROR-HANDLING OPTIONS

You can control error message printing and system recovery by coding error-handling options on the PROFILE parameter. Table 1-2 summarizes these options. For more information about the PROFILE parameter and ways to control error messages, see the *CULPRIT Reference*.

Table 1-2. PROFILE Parameter Error Handling Options

Keyword	Description
EX=	◻ Specifies whether E-level errors can occur without canceling the extract phase (options W and E) ◻ Instructs CULPRIT to validate the parameters without reading the input data (option NO)
RC=	Specifies a return code associated with four severity codes: I, W, E, and F. You can use the return codes to control job processing.
SE=	Specifies the maximum number of numeric errors reported by EEHF* during SELECT/BYPASS parameter processing.
ME=	Specifies the maximum number of numeric errors reported by EEHF during a match-file run.
EE=	Specifies the maximum number of numeric errors reported by EEHF during the extract phase.
IE=	Specifies the maximum number of numeric errors reported by EEHF during execution of a user input module.
PE=	Specifies the maximum number of numeric errors reported by EEHF during execution of a user procedure module.
OE=	Specifies the maximum number of numeric error reported by EEHF during the output phase.
HD=	Specifies a vertical (V) or horizontal (H) format for hexadecimal dumps produced by EEHF.

* EEHF = the Extended Error Handling Facility

Section 2

How to Read a CULPRIT Message

Figure 2-1 shows an example of a CULPRIT message as it appears in a CULPRIT job. It contains:

- A message identifier
- A severity code
- Message text
- An error flag

Other messages can also include variable information supplied at run time.

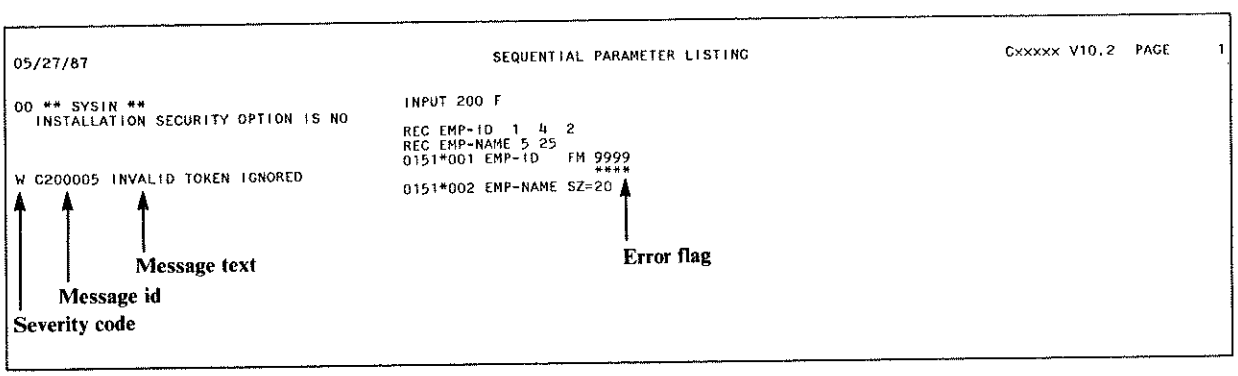

Figure 2-1. A Sample CULPRIT Message

MESSAGE IDENTIFIERS

The message identifier prints to the left of the CULPRIT message. Its form is C*nnnnnn*, where *nnnnnn* is a number. The messages in this section are grouped by the first three digits of this number; for example, as Range 200 messages.

SEVERITY CODES

Most, but not all, messages have an associated **severity code**. The severity code indicates the severity of the message. For example, severity code I is an informational message that does not interrupt processing, while severity code F is a fatal message that causes the job to terminate. Table 2-1 lists the severity codes that CULPRIT prints.

Table 2-1. CULPRIT Severity Codes

Severity Code	Meaning	Description	Corrective Action
I	Informa-tional	Describes normal CULPRIT procedures and statistics. For example, infor-mational messages tell you a table has been generated and how many re-cords were read from an input file.	None required
W	Warning	Describes possible program errors caused by entries on user-supplied parameters. CULPRIT continues to execute the job.	You determine

(continued)

Table 2-1 (cont). CULPRIT Severity Codes

Severity Code	Meaning	Description	Corrective Action
E	Error	Describes an error that prevents one or more reports from being produced. The effect of the error depends on the scope of the error. If the error affects only one report in the run, CULPRIT produces the remaining reports provided both of the following conditions are true: □ The other reports contain no E- or F-level messages. □ The PROFILE parameter or installation default specifies EX=E.	Must be corrected
F	Fatal	Stops all input file processing and prevents all reports from being produced.	Must be corrected

MESSAGE TEXT

CULPRIT prints the **message text** to the left of the message id. The text indicates the nature of the error. In most cases, you can determine why the error occurred by the message text.

ERROR FLAG

To help locate and correct errors in user-supplied parameters, CULPRIT prints some error messages with asterisks that underscore invalid items. These are **error flags**. Figure 2-1 shows a sample Sequential Parameter Listing containing an invalid entry that is underscored with asterisks.

VARIABLE DATA

CULPRIT gives you specific information related to your job. For example, if the INPUT parameter and JCL define a file differently, CULPRIT prints the information that is different. In the example below, the record length was different:

```
W C350013 DCBLRECL DIFFERS FROM SPECIFIED RECORD SIZE FOR SYS010
  (CONT) DCBLRECL =      200
  (CONT) SPECIFIED RECORD SIZE =      100 ← Variable data
  (CONT) SHORTER LENGTH USED
```

Section 3

CULPRIT Messages

The following list contains a description of each message CULPRIT prints. Each message description contains the following information:

- The **message id**, in the left-hand margin.
- The **message text**, as CULPRIT displays it, appears in bold, to the right of the message id.
- A **description** of the message. If the message applies to more than one severity code, the description associated with the least severe code appears first, followed by descriptions that apply to codes of increasing severity.
- The **severity code** associated with the message. For messages without a severity code, an asterisk is shown.
- The **module** or modules associated with the message. This information is provided to assist Cullinet Technical Support. A module is not listed for every message.

RANGE 000 - 140 MESSAGES

C000001 **CALL CANCELLED, 25 MODULES HAVE ALREADY BEEN CALLED**

CULLUS00 encountered an error in procedure logic caused by an attempt to access more than 25 user-written modules.

Severity: *

Module: CULLUS00

Range 000 - 140 Messages

C000002 **ARG X TOO LARGE. VALUE = 999999999999912345678**
CULLUS00 automatically converts packed decimal arguments to floating point before calling a FORTRAN procedure module. It converts these arguments back to packed decimal when it returns from the FORTRAN procedure module. This message indicates that the value in ARG X exceeds 18 decimal digits.

Severity: *

Module: CULLUS00

C000003 **LOAD FAILED. RC = XX'**
VSE users only -- CULPRIT was not able to load the user module successfully.

Severity: F

Module: CULLUS00

C025001 **VSAM OPEN ERROR. DDNAME=*ddname* R15=X'*contents*' CODE=*return-code***
CULLUS25 could not open the VSAM file specified on the DDNAME= keyword expression. After receiving the request to open the file, the module prints the contents of both Register 15 and the error field in the ACB. Typically, this type of error occurs when the DDNAME= keyword is missing. An abend code of 12 follows this message. For a definition of *return-code*, see appropriate VSAM publications.

Severity: F

Module: CULLUS25

C025002 **ARG 1 (CONVERSION CODE) VALUE *arg1-code* (=x'*conversion-code*) IS INVALID**
CULLUS25 expects a 1-character alphanumeric conversion code in ARG1 (that is, *conversion-qv*), but found an invalid specification. Before CULLUS25 cancels the job, CULPRIT prints the invalid value in character and hexadecimal formats.

Severity: F

Module: CULLUS25

C025003 **ARG 2 (KEY LENGTH) VALUE *arg2-code* INVALID FOR NUMERIC DATA TYPE**
CULLUS25 expects ARG2 (that is, *search-v*) to specify an 8-byte numeric work field containing a value of 0 or greater.

Severity: F

Module: CULLUS25

C025004 **ARG 4 (RETURN RECORD LENGTH) INVALID OR NOT SET**
CULLUS25 encountered an error associated with ARG4 (that is, *length-vn*), as follows:

- No argument is specified.
- An argument with a value less than or equal to 0 or greater than 32,767 is specified.

Severity: F

Module: CULLUS25

C025005 **VSAM LOGICAL ERROR. CODE=X'*vsam-feedback-code*' DDNAME='*user-ddname*'**
While attempting to retrieve the VSAM file specified in the DDNAME parameter, CULLUS25 encountered a logical VSAM error that prevents further processing. Before processing is terminated, CULPRIT prints a VSAM feedback code, in hexadecimal format, to aid the user in debugging. See the appropriate VSAM publications for a definition of *vsam-feedback-code*.

Severity: F

Module: CULLUS25

C025006 **VSAM PHYSICAL ERROR. CODE=X'*vsam-feedback-code*'**
While attempting to retrieve records from a VSAM file, CULLUS25 detected a physical error that prevents further processing. Before terminating processing, CULPRIT prints a VSAM feedback code, in hexadecimal format, to aid the user in debugging. See the appropriate VSAM publications for a definition of *vsam-feedback-code*.

Severity: F

Module: CULLUS25

C025007 **ERROR IN *vsam-macro* R15=X'*contents*'**
While attempting to retrieve records directly from a VSAM file, CULLUS25 detected either an internal error associated with the physical record or a logical record associated with VSAM software. Before processing is terminated, the module prints the VSAM macro under execution, along with a return code from Register 15.

Severity: F

Module: CULLUS25

C025008 **FAILURE IS "GET". R15=X'04'**
While attempting to retrieve records from a key- or entry- sequenced VSAM file, CULLUS25 detected either an internal error associated with the physical record or a logical record associated with VSAM software. Before processing is terminated, the module prints X'04' in Register 15. To correct this error, see your on-site VSAM systems support person.

Severity: F

Module: CULLUS25

C045001 **ARG1 (SENDING FIELD ADDRESS) NOT INITIALIZED**
CULLUS45 expected the name of a REC parameter or work field in ARG1 (that is, *send-field-qv*), but the module found no specification.

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS45

C045002 **ARG2 (RECEIVING FIELD ADDRESS) NOT INITIALIZED**
CULLUS45 expected the name of a receiving field (that is, *receive-field-qv*), but the module found no specification.

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS45

C045003 **ARG3 OR ARG4 (LENGTH) NOT IN 8 BYTE PACKED FIELD**
CULLUS45 expected 8-byte numeric work fields in ARG3 and ARG4 (that is, *send-length-qvn* and *receive-length-vn*, respectively), but the module found invalid values.

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS45

C045004 **ARG3 OR ARG4 (LENGTH) IS NEGATIVE**
CULLUS45 expected a positive 8-byte numeric work field in ARG3 or ARG4 (that is, *send-length-qvn* or *receive-length-vn*, respectively), but the module found a negative value in one or both fields.

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS45

C046001 **ARG1 (START ADDRESS) NOT INITIALIZED**
CULLUS46 expected the name of a work field in ARG1 (that is, *search-field-name*), but the module found no specification.

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS46

C046002 **ARG2 (SEARCH CHARACTER ADDRESS) NOT INITIALIZED**
CULLUS46 expected an alphanumeric literal in ARG2 (that is, *search-character-qv*), but the module found no specification.

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS46

C046003 **ARG3 (LENGTH RETURN ADDRESS) NOT INITIALIZED**
CULLUS46 expected an 8-byte numeric work field in ARG3 (that is, *range-name*), but the module found no specification.

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS46

C046004 **ARG4 (SEARCH LENGTH ADDRESS) NOT INITIALIZED**
CULLUS46 expected a numeric literal or 8-byte numeric work field in ARG4 (that is, *search-length-vn*), but the module found no specification.

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS46

C046005 **ARG3 OR ARG4 (LENGTHS) NOT 8 BYTE PACKED**
CULLUS46 expected 8-byte numeric work fields in ARG3 and ARG4 (that is, *range-name* and *search-length-vn*, respectively), but the module found invalid values in one or both fields.

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS46

C046006 ARG4 (SEARCH LENGTH) IS NEGATIVE
CULLUS46 expected a positive numeric literal or 8-byte numeric work field in ARG4 (that is, *search-length-vn*), but the module found a negative specification.

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS46

C048001 ARG1 NOT INITIALIZED
CULLUS48 encountered no specification in ARG1 (that is, *message-qv*).

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS48

C050001 ARG1 (BIT STRING ADDRESS) NOT INITIALIZED
CULLUS50 expected an input or work field in ARG1 (that is, *start-bit-field*), but the module found no specification.

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS50

C050002 ARG2 (RECEIVING FIELD ADDRESS) NOT INITIALIZED
CULLUS50 expected the name of a result field in ARG2 (that is, *target-field-name*), but the module found no specification.

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS50

C050003 ARG3 (LENGTH) NOT INITIALIZED
CULLUS50 expected an 8-byte numeric work field in ARG3 (that is, *bit-count-vn*), but the module found no specification.

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS50

C050004 **ARG3 (LENGTH) NOT IN 8 BYTE PACKED FIELD**
CULLUS50 expected a numeric work field in ARG3 (that is, *bit-count-vn*), but the module found an invalid specification.

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS50

C050005 **ARG3 (LENGTH) IS NEGATIVE OR 0**
CULLUS50 expected a positive numeric literal or 8-byte numeric work field in ARG3 (that is, *bit-count-vn*), but the module found a negative or zero specification.

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS50

C062001 **LENGTH OF ALPHA TABLE ENTRIES EXCEEDS 256**
CULLUS62 encountered a length specification for alphunumeric table entries in ARG3 (that is, *entry-length-vn*), that exceeds the module's limit of 256.

Correct the CULPRIT code and resubmit the job.

Severity: F

Module: CULLUS62

C062002 **LENGTH OF NUMERIC TABLE ENTRIES NOT 8 OR 16**
CULLUS62 accepts either 8 or 16 for the length of numeric table entries in ARG3 (that is, *entry-length-vn*).

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS62

C062003 **MORE THAN 32767 ENTRIES IN TABLE**
CULLUS62 encountered a specification for table entries in ARG4 (that is, *entry-count-vn*) that exceeds the module's limit of 32,767.

Correct the CULPRIT code and resubmit the job.

Severity: W

Module: CULLUS62

C064001 ******** TABLE IS EMPTY ********
CULLUS64 requested a table value, but the table is empty.

Severity: *

Module: CULLUS64

C064002 ******** NO STORAGE AVAILABLE ********
CULLUS64 requested storage to create a table, but storage is not available.

Increase the size of the region in which to run CULPRIT.

Severity: *

Module: CULLUS64

C064003 ENTITY NOT DEFINED
CULLUS64 requested an entity type that is not defined. Valid entity types appear in *CULPRIT User Modules*.

Severity: *

Module: CULLUS64

C064004 CODE NOT DEFINED
CULLUS64 requested an action code that is not defined. Valid codes are 0 (zero) and 1.

Correct the code and resubmit the job.

Severity: *

Module: CULLUS64

C110001 UNSUCCESSFUL VSAM CONTROL BLOCK GENERATION -- GENCB BLK *vsam-macro*
While attempting to access key- or entry-sequenced VSAM files sequentially or directly, CULLVSAM detected an internal or logical error associated with VSAM software. As a result, the module could not generate the required VSAM control block. The module printed the VSAM macro under execution at the time the error occurred and forced an operation exception.

Severity: *

Module: CULLVSAM

C110004 UNSUCCESSFUL OPEN OF VSAM DATA SET
While reading key- or entry-sequenced VSAM files sequentially or directly, CULLVSAM detected an error that prevented the opening of the VSAM file and forced an operation exception. Typically, this type of error results from a missing DD statement.

Severity: *

Module: CULLVSAM

C110005 SYNAD ERROR MESSAGE
While reading key- or entry-sequenced VSAM files sequentially or directly, CULLVSAM detected a physical I/O error. The module printed this message during execution of the GENCB VSAM macro.

Severity: *

Module: CULLVSAM

C110006 CULPRIT SYSTEM ERROR
While reading key- or entry-sequenced VSAM files sequentially or directly, CULLVSAM detected an internal system error that caused CULPRIT to force an operation exception.

Severity: *

Module: CULLVSAM

C110007 ERROR IN MODULE CONTROL CARD - *syntax-error*
While reading key- or entry-sequenced VSAM files CULLVSAM encountered a syntax error on a KEY or ADR control statement and printed the invalid information.

Severity: *

Module: CULLVSAM

C120001 LAST TWO DIGITS OF DDNAME *ddname/file-name* ARE NOT NUMERIC
CULEMLIN encountered a *special-value-n* specification on the OUTPUT parameter that is invalid for one of two reasons:

- *Special-value-n* is not numeric.
- The second byte of *special-value-n* is not a blank space.

Severity: E

Module: CULEMLIN

Range 000 - 140 Messages

C120002 **UNABLE TO OPEN OUTPUT FILE *ddname/file-name***
Because CULEMLIN could not open the output file for the requested report, it printed the file name and terminated processing. Typically, this type of message results from a CULPRIT JCL error.

Severity: E

Module: CULEMLIN

C120003 **RECORD SIZE *record-size* IS NOT A MULTIPLE OF 81 OR 133**
CULEMLIN detected a record size specification on the OUTPUT parameter that is not a multiple of 81 or 133. As a result, the module could not calculate the logical line length. To correct this error, specify a multiple of 81 or 133 for *record-size-n* and resubmit the job.

Severity: E

Module: CULEMLIN

C120004 **UNABLE TO OBTAIN STORAGE FOR HEADINGS OR FOOTINGS**
MVS users only -- CULEMLIN encountered header or footer lines defined on edit parameters, but insufficient storage was available to store these lines until print time. To correct this error, increase the core memory allocation in CULPRIT JCL.

Severity: E

Module: CULEMLIN

C120005 **INTERNAL LIMITS DO NOT PERMIT FOOTINGS WHEN LOGICAL LINE SIZE EXCEEDS 256**
The LRECL parameter in your DD statement assigned to CULEMLIN output needs to be 256 or less if you are using headers or footings in CULEMLIN.

Severity: E

Module: CULEMLIN

C120006 **HEADERS/FOOTINGS EXCEED 1330 CHARACTER MAXIMUM**
VSE users only -- CULEMLIN encountered header or footer specifications that exceed the module's 1330-byte limit.

Severity: E

Module: CULEMLIN

C120013 RECORD SIZE *record-size* IS NOT A MULTIPLE OF LRECL *logical-record-length* FOR *ddname*

MVS users only -- CULEMLIN encountered a record size specification on the OUTPUT parameter that is invalid for one of two reasons:

- *Record-size-n* is not a multiple of 81 or 133.
- *Record-size-n* is not a multiple of the logical record length specified on the DDNAME parameter in the CULPRIT JCL for the output file.

Severity: E

Module: CULEMLIN

C130001 VSAM SYNAD

(CONT) FEEDBACK CODE IN DECIMAL IS *vsam-feedback-code*

While attempting to write formatted records to a VSAM file, CULEVSAM detected a physical I/O error that prevents further processing. Before terminating processing, CULPRIT printed a VSAM feedback code, in hexadecimal format, to aid the user in debugging. For a definition of *vsam-feedback-code*, see appropriate VSAM publications.

Severity: F

Module: CULEVSAM

C130002 LOGIC ERROR ON VSAM PUT

(CONT) FEEDBACK CODE IN DECIMAL IS *vsam-feedback-code*

While attempting to write VSAM records, CULEVSAM detected a logical error. As a result, the module closed the VSAM output file. Before terminating processing, CULPRIT printed a VSAM feedback code, in hexadecimal format, to aid the user in debugging. For a definition of *vsam-feedback-code*, see appropriate VSAM publications.

Severity: F

Module: CULEVSAM

C130003 FILE CLOSED DUE TO I/O ERROR ON VSAM PUT

(CONT) FEEDBACK CODE IN DECIMAL IS *vsam-feedback-code*

While attempting to process a VSAM file, CULEVSAM detected an I/O error that caused the closing of the VSAM output file. Before terminating processing, CULPRIT printed a VSAM feedback code, in hexadecimal format, to aid the user in debugging. For a definition of *vsam-feedback-code*, see appropriate VSAM

publications. To verify the VSAM file used for output, invoke the VSAM IDCAMS utility before resubmitting the job.

Severity: F

Module: CULEVSAM

C130004 UNABLE TO OPEN VSAM OUTPUT FILE, GENCB/MODCB FAILED

(CONT) FEEDBACK CODE IN DECIMAL IS *vsam-feedback-code*
While attempting to open a VSAM output file, CULEVSAM detected an error that prevents further processing. Before terminating processing, CULPRIT printed a VSAM feedback code, in hexadecimal format, to aid the user in debugging. Typically this type of error results from an invalid sequence type (that is, a sequence type other than ES, KS, or RS) coded on the OUTPUT parameter. Before resubmitting the job, check the IDCAMS job for nonzero return codes or an invalid VSAM cluster definition. For a definition of *vsam-feedback-code*, see appropriate VSAM publications.

Severity: F

Module: CULEVSAM

C130005 I/O ERROR ON OPEN VSAM FILE
While attempting to write records to a user-defined VSAM file, CULEVSAM detected an error that prevents the opening of that file. Typically, invalid JCL causes this type of error. Check the IDCAMS job that created the VSAM file and the job log for more information.

Severity: F

Module: CULEVSAM

C130006 UNABLE TO CLOSE VSAM OUTPUT FILE
Although OPEN and PUT requests were successfully executed, CULEVSAM could not close the VSAM file. Typically, this type of error occurs because of two simultaneous attempts to update the same VSAM file. Check with the DBA at your site, or see the job log for more information.

Severity: F

Module: CULEVSAM

C130007 DEFAULTED - VSAM KEY SEQUENCED OUTPUT
CULEVSAM encountered an invalid *sequence-type-a* on the OUTPUT parameter (that is, a sequence type other than ES, KS, or RS). As a result, the module assumed a sequence of KS, and at-

tempted to add key-sequenced records to the specified output file.

Severity: W

Module: CULEVSAM

C140001 **REPORT TERMINATED FOR INVALID MODULE CONTROL SWITCH**
VSE users only -- CULEPOWR, invoked as a subroutine, expected one of the following control information codes:

- **C** -- Informs CULEPOWR that an appropriate CULEPOWR control statement serves as the second argument in the CALL statement. This second argument should identify a 66-byte area in the invoking module that contains appropriate CULEPOWR control information.
- **R** -- Directs CULEPOWR to read CULEPOWR control statements through SYSRDR. Note that no second argument is required.

Severity: F

Module: CULEPOWR

C140002 **REPORT TERMINATED FOR READER INPUT ERROR: EITHER NO INPUT CARD OR MORE THAN ONE INPUT CARD WAS FOUND FOR THIS REPORT**
VSE users only -- CULEPOWR received a request to read CULEPOWR control statements through SYSRDR, but more than one statement was specified for the report.

Severity: F

Module: CULEPOWR

C140003 **REPORT TERMINATED FOR NON MATCHING REPORT NUMBERS. CULPRIT REPORT WAS *report-number* INPUT CARD RPT WAS *report-number***
VSE users only -- CULEPOWR, invoked as an output module, automatically compared the report number in the CULEPOWR control statement with that of the report number under execution. Because these report numbers differed, the module printed both report numbers and canceled the report.

Severity: F

Module: CULEPOWR

C140004 REPORT TERMINATED FOR INVALID KEYWORD. JECL KEYWORD SUPPLIED WAS *jecl-keyword*
VSE users only -- CULEPOWR expected a LST or PUN POWER key in columns 3 through 5 of the appropriate CULEPOWR control statement but found an invalid specification. Before terminating processing, the module printed the invalid expression.

Severity: F

Module: CULEPOWR

C140005 REPORT TERMINATED FOR UNRECOGNIZABLE POWER/VS RETURN CODE.
VSE users only -- CULEPOWR received an unrecognizable error code from the POWER/VS facility.

Severity: F

Module: CULEPOWR

C140006 REPORT TERMINATED FOR ONE OF THE FOLLOWING REASONS:

1. THE DEVICE TYPE ADDRESSED BY THE DEVADDR OPERAND IS NOT A DEVICE TYPE CURRENTLY BEING SPOOLED SPOOLED BY POWER/VS.

2. POWER/VS IS NOT ACTIVE

3. THE PARTITION IN WHICH YOUR PROGRAM IS RUNNING IS NOT SUPPORTED BY POWER/VS.

4. THE SPOOLED DEVICE HAS A DISPOSITION OF *n*

5. THE JECL STATEMENT PROVIDED WAS NOT A * $$ JOB, LST, PUN STATEMENT
VSE users only -- While attempting to perform POWER segmentation, CULEPOWR encountered an error that prevents further processing. This error can occur for one of two reasons:

- An error is associated with the device type. Be sure to specify SYS004 for printed output or SYS003 for punched output.
- An error is unique to the site's operating system. Consult with on-site personnel.

Severity: F

Module: CULEPOWR

C140007 REPORT TERMINATED FOR THE FOLLOWING REASON: POWER/VS CANNOT ACCEPT THE JECL STATEMENT BECAUSE THE PARTITION WAS NOT STARTED AS A MULTITASKING PARTITION AND THE PARTITION IS WAITING FOR WORK, OR THE PARTITION WAS STARTED AS A MULTITASKING PARTITION AND IS WAITING FOR WORK, BUT NO JECL STATEMENT WAS SUBMITTED FOR THIS DEVICE.
VSE users only -- CULEPOWR encountered an error that prevents further processsing. As a result, the POWER/VS facility returned X'08' to Register 15.

Severity: F

Module: CULEPOWR

RANGE 200 MESSAGES

C200001 DP= INVALID ON ALPHA REC PARM
CULPRIT detected a DP= specification on a REC parameter that is defined as alphanumeric. Specify DP= on numeric fields only. The invalid entry is underscored with asterisks.

Severity: E

Module: CULPRECH

C200002 DP= CODED AFTER INITIAL VALUE
The user coded DP= after the initial value or values for a work field. The DP= specification must precede the initial value. The invalid entry is underscored with asterisks.

Severity: E

Module: CULP01CH

C200003 USER MODULE NAME MISSING OR INVALID
CULPRIT detected a missing or invalid module name; this error can be F-level or E-level, as follows:

- **F level** -- The user coded UM on an INPUT or KEYFILE parameter, but the module name is invalid.
- **E level** -- The user coded UM on an OUTPUT parameter, but the module name is invalid.

The module name can be invalid for one of the following reasons:

- The name is missing.
- The name is longer than 8 characters.
- The name is not enclosed in parentheses.

Severity: E, F

Modules: CULPFIPL
CULPOUCH
CULP78CH 'CALL' SPECIAL FUNCTION

C200004 UNKNOWN PARAMETER CARD PASSED AS IS
The indicated parameter cannot be recognized in the precompile phase (that is, CULPO step). The parameter is passed to the compile phase where it may be handled through a special database interface module. This error can also occur if the module that processed this parameter type is missing in the link of CULPO.

Severity: W

Module: CULPDFRE

C200005 INVALID TOKEN IGNORED
The flagged string (underscored with asterisks) is invalid at the place where it was found; CULPRIT ignores the string. The severity level of this message depends on the parameter in which the invalid string occurs.

Severity: F,E,W

Modules: MANY
CULPDFRE SUBMODULES

C200006 INCOMPLETE PARAMETER CARD
This is either an E- or an F-level message:

- **E level** -- The system encountered an incomplete REC parameter or report-specific parameter (that is, OUTPUT, work field, edit, or process parameter) in the CULPRIT parameter stream. The space where the entries were expected is underscored with asterisks.
- **F level** -- The system encountered an incomplete =MACRO, INPUT, KEY, SELECT/BYPASS, or PATH parameter in the CULPRIT parameter stream. The space where the entries were expected is underscored with asterisks.

Severity: E, F

Modules: CULPO

CULPDFRE SUBMODULES

C200007 RIGHT PARENTHESIS INSERTED
CULPRIT expected a right (that is, closing) parenthesis in the place that is underscored with asterisks; the system automatically supplies the missing parenthesis.

Severity: W

Modules: CULPDFRE
CULPFIPL

C200008 INCOMPLETE SUBSCRIPTED EXPRESSION
A period was coded in a field reference, but no subscript value follows. The invalid field reference is underscored with asterisks.

Severity: E

Module: CULPDFRE GETSUB SUBROUTINE

C200009 INCOMPLETE QUALIFIED EXPRESSION
The user coded an invalid field name on a REC or SELECT/BYPASS parameter. The field name is invalid because a qualifying record name or level is needed. The invalid entry is underscored with asterisks.

Severity: E

Modules: CULPDFRE
CULPOUCH

C200010 MORE VALUES THAN OCCURS ACCEPTED
The number of initial values supplied exceeds the number of occurrences specified on a work field definition parameter that defines a multiply-occurring field. All initial values are stored and can be referenced by the user. The extra values are underscored with asterisks.

Severity: W

Module: CULP01CH

C200011 FILE MATCH WITH DATABASE INPUT INVALID
The user specified database input on an INPUT parameter, but the system detected more than one INPUT parameter in the CULPRIT parameter stream. File matching is not permitted with database input.

Severity: F

Module: CULPINCH

Range 200 Messages

C200012 SUBSCHEMA NAME MISSING FOR DATABASE ACCESS
The user requested IDMS/R or IMS access on the INPUT parameter, but the SS= specification is either missing or incorrectly coded.

Severity: F

Module: CULPFIKL

C200013 TOKEN TOO LONG - TRUNCATED
A field name that exceeds 32 characters was specified on an input parameter. The flagged characters (underscored with asterisks) were truncated by CULPRIT.

Severity: W

Module: CULPDFRE GETWORD SUBROUTINE

C200014 LITERAL IS INVALID
An invalid literal was coded on an INPUT parameter. The literal either has an invalid format or is in the wrong place (that is, out of sequence) in the parameter. The probable cause of this error is that no closing quotation mark was entered. The literal value is underscored with asterisks and set to a null status.

Severity: W, E

Modules: CULPDFRE GETWORD SUBROUTINE AND SUBMODULES
CULP78CH 'CALL' SPECIAL FUNCTION

C200015 PATH-ID ASSUMED **
The system encountered no primary path id on a PATH parameter; CULPRIT assumes a path id of **.

Severity: W

Module: CULPPACH

C200016 SET-NAME ASSUMED
A parenthesized value was coded on a PATH parameter following the record type name but with no preceding comma. The flagged value (underscored with asterisks) is more than 2 characters long and is assumed to be an IDMS/R set name.

Severity: W

Module: CULPPACH

C200017 **ASSUMING KEY FOR IDMS ACCESS**

A KEY or KEYFILE parameter preceded an INPUT parameter in the parameter stream. CULPRIT assumes that the input is an IDMS/R database.

Severity: W

Module: CULPKECH

C200018 **RESULT FIELD IS INVALID**

The user specified an invalid *result-field-name* on a process definition parameter. The invalid entry is underscored with asterisks. Possible causes of this error follow:

- The operand is PICK or UNPICK, but the *result-field-name* either is not a numeric literal or is an invalid line number.
- The *result-field-name* is a numeric literal, but the operation is not GOTO, PERFORM, B, or IF.
- The *result-field-name* is ARG*n*, but either the operation is not a MOVE statement or CALL statement, or the parameter is not a type 7 input procedure statement.
- The *result-field-name* is PAGE, but either the operation is not a MOVE or the parameter is not a type 8 procedure statement. The reserved word PAGE is valid only on a type 8 MOVE statement.
- The *result-field-name* is one of the reserved words TAKE, DROP, RELS, HEAD, STOP, STOP-RUN, STOP-RPT, DB-EXIT, or US00 through US99, and the operation is not a test or a branch.
- The *result-field-name* is not defined or is defined incorrectly.
- The operation is a PERFORM statement, but the result field is not a numeric sequence number.
- The operation is a BRANCH or test operation, but the *result-field-name* is not a numeric sequence number or a reserved word (that is, TAKE, DROP, and RELS for type 7 and type 8 parameters; HEAD, STOP, STOP-RUN, STOP-RPT, DB-EXIT, and US00 through US99 for type 7 parameters).
- The operation is a BRANCH, PERFORM, or test operation, but the result field specified a numeric sequence number that exceeds the system limit of 999.

- The *result-field-name* is a reserved word that is used improperly.

Severity: E

Module: CULP78CH AND LOWER-LEVEL MODULES

C200019 VERSION NUMBER IS INVALID
An invalid version number qualifies the subschema name on the INPUT parameter. The number is invalid for one of the following reasons:

- It is nonnumeric
- It is less than 1
- It is greater than 32 K

Severity: F

Module: CULPFIKL

C200020 AUTO-HEADER ORIGIN CODE INVALID
A header-origin code other than HF, HH, or HR was specified on a type 5 or type 6 edit parameter. The invalid entry is underscored with asterisks.

Severity: E

Module: CULP45V7

C200021 AUTO-HEADER LITERAL OVERFLOW
The sum of each auto-header literal exceeds 99 characters. Make the literals shorter and resubmit the job.

Severity: W

Modules: CULP46CH
CULPRECH

C200022 DECIMAL POINT CODE IS INVALID
This can be a W- or E-level message:

- **W level** -- An edit parameter specifies a DP= keyword expression and format code option FS, FD, FM, FP, or FZ. Delete either the DP= keyword expression or the format code option and resubmit the job.
- **E level** -- A REC, work field, or edit parameter specifies an invalid DP= keyword specification. The expression is invalid for one of the following reasons:

- The field to which the expression applies is not numeric.
- The number of digits specified is greater than the number of digits specified to be printed by either a SZ= or a format option (such as F*n*) on the edit parameter.
- The DP= specification on a workfield is greater than 31.

Severity: W, E

Modules: CULP46C7 (W level)
CULP46CH (E level)
CULP01CH (E level)

C200023 NON-NUMERIC PARAMETER
This can be a E- or F-level message:

- **E level** -- Nonnumeric characters occurred in a field that requires numeric values. The error occurs on a report-specific parameter (for example, an OUTPUT or edit parameter). This error message is usually followed by a message that indicates the invalid field.
- **F level** -- A numeric value was expected on a INPUT, KEYFILE, or PROFILE parameter, but a nonnumeric value was encountered. CULPRIT underscores the invalid characters with asterisks (*). Correct the CULPRIT code and resubmit the job.

Severity: E, F

Modules: CULPDFRE LEADZERO SUBROUTINE (E level)
CULPFIKL (F level)
CULPPRCH (F level)

C200024 NUMERIC PARAMETER RIGHT JUSTIFIED
In the fixed portion of the parameter, the user coded a numeric field that is not right-justified. CULPRIT moves the numeric field to the right and fills the field with zeros on the left. The adjusted field is underscored with asterisks.

Severity: W

Module: CULPDFRE LEADZERO SUBROUTINE

C200025 NOT AUTHORIZED FOR NON-IDD ACCESS
A user who has IDD® but whose installation is not licensed to use CULPRIT has tried to run a CULPRIT report against a file other than the data dictionary.

Severity: F

C200026 UNABLE TO OPEN *ddname*
MVS users only -- CULPRIT could not open the file associated with *ddname* and cannot continue processing. The error probably occurred because of a JCL error.

Severity: F

Module: CULXnnnn MODULES

C200027 MATCH KEY DATA TYPE CONFLICTS WITH PREVIOUS KEY
The system encountered a REC parameter that defines a match key for the current file, but the date type does not match the data type of the corresponding match key on a previous file. Match keys on a given level (for example, primary, secondary) must be either all numeric or all alphanumeric.

C200028 ALTERNATE ASSIGN INVALID
VSE users only -- An invalid file name was specified for the DD2= option on the INPUT parameter. The invalid field name is underscored with asterisks.

Severity: F

Module: CULPFIKL

C200029 FILE TYPE OR QUALIFIER INVALID
The message is an E- or F-level message as follows:

- **E level** -- The file type or file type qualifier on an OUTPUT parameter is invalid.
- **F level** -- The file type or file type qualifier on an INPUT or KEYFILE parameter is invalid.

The file type or qualifier is invalid for one of the following reasons:

- Two or more file types (that is, PS, IS, etc.) were coded for a single INPUT or KEYFILE parameter.
- The file type qualfier is invalid; for example, PS specifies an invalid device type.
- The file type is invalid.

Correct your CULPRIT code and resubmit the job.

Severity: E, F

Modules: CULPOUCH (E level)

CULPFIPL (F level)
CULPKFCH (F level)

C200030 RECORD SIZE IS MISSING OR INVALID

This can be a W-, E-, or F-level message:

- **W level** -- The CULPRIT code specifies CARD input or output, but the record size does not specify 80 bytes. CULPRIT ignores the user record size specification and defaults to a record size of 80 bytes.

- **E level** -- The OUTPUT parameter specifies one of the following:

  - A nonnumeric record size
  - A value greater than 4095 (Release 10.0 and earlier) or 32,767 (Release 10.2)
  - No value for nonprinted output

  Correct the code on the OUTPUT parameter and resubmit the job.

- **F level** -- The INPUT or KEYFILE parameter specifies an invalid record size. The record size is invalid for one of the following reasons:

  - The record size is nonnumeric
  - The record size is greater than 32,767 bytes
  - **(VSE users only)** -- The record size is greater than the track capacity of the device type specified

Severity: W, E, F

Modules: CULP2JC7 (W level and E level)
CULPFIPL (F level)

C200031 RECORD TYPE IS INVALID

This can be a W- or F- level message:

- **W level** -- The INPUT parameter specifies CARD input, but the record type is not a blank or F. CULPRIT assumes the record type is fixed (F).

- **F level** -- The record type is not one of the following values: a blank, F, V, U.

Severity: W, F

Module: CULPFIPL

C200032 BLOCK SIZE MISSING OR INVALID
This can be a W-, E-, or F-level message:

- **W level** -- The block size for an INPUT, KEYFILE, or OUTPUT parameter that specifies CARD is not a blank or 80. CULPRIT assumes a block size of 80.
- **E level** -- The block size on an OUTPUT parameter is invalid for one of the following reasons:
  - It is not numeric or blank.
  - **VSE users only** -- It is not less than 4096 for ISAM output.
  - It is greater than 32,767.
  - It is greater than the track capacity for the specified device type.
- **F level** -- The block size on an INPUT or KEYFILE parameter is invalid for one of the following reasons:
  - It is not numeric or blank.
  - **VSE users only** -- It is less than 12 for tape input.
  - It is greater than the track capacity for the specified device type.

Severity: W, E, F

Modules: CULPFIPL (W level)
CULPOUCH (W level and E level)

C200033 USER LABELS SPECIFIED IN MATCH RUN
The user coded LT=A (that is, standard and user labels) on one or more INPUT parameters in a match-file run. The invalid entries are underscored with asterisks. Do not use label A in a match-file run.

Severity: F

C200034 KEYWORD PARAMETER INVALID *keyword-option*
A parameter contains an invalid keyword (for example, MK=). The keyword is invalid for one of the following reasons:

- A keyword cannot be specified more than once on a given parameter.

- An INPUT parameter cannot specify any of the following:
  - Database input (DB) with MK=, FN=, LT=, DD=, or DD2=
  - KF=
  - SS= for nondatabase input
  - A database code other than 'D' with SS=
- A KEYFILE parameter cannot specify the keywords MK=, MB=, or SS=.
- A KEY parameter cannot specify the keywords FIRST and LAST if the entry record on the PATH parameter is not accessed by an indexed set.
- A PATH parameter cannot specify RETURN if the entry record on the PATH parameter is not accessed by an indexed set.
- An =COPY or =MACRO parameter specifies an unknown or duplicate keyword.

Severity: F

Modules: CULP0
CULPDFRE SUBMODULES
CULPFIKL

C200035 **LABEL TYPE IS INVALID**
This can be a W- or F- level message:

- **W level** -- The label type for a card input file is not blank or N. CULPRIT ignores the invalid entry.
- **F level** -- This error occurs for one of two reasons:
  - An INPUT, KEYFILE, or OUTPUT parameter contains LT=N for a file type other than CARD or PS(TAPE).
  - An INPUT or KEYFILE parameter contains LT=A for a file type other than PS.

Severity: W, F

Module: CULPFIKL

C200036 **SPECIAL POSITIONING INVALID**
This can be a W- or F-level message:

- **W level**
  - **MVS users only** -- CULPRIT ignores any entry on the LT= keyword expression.
  - **VSE users only** -- The input file is not a tape file, although the INPUT parameter includes the LT= keyword expression. CULPRIT ignores the specification.
- **F level: VSE users only** -- The LT= keyword expression either specifies a label other than N or includes non-numeric values for the file count or block count.

Severity: W, F

Module: CULPFIF7

C200037 **BLOCK SIZE CHANGED TO NEXT MULTIPLE OF RECORD SIZE**
An INPUT, KEYFILE, or OUTPUT parameter specifies a block size that is not a multiple of the record size (for a fixed-length record). CULPRIT rounds the block size up to the next multiple of the record size.

NOTE (VSE users only): If the assumed block size is not the actual block size of the file, the I/O module may loop reading the first block on the file.

Severity: W

Module: CULPFIF7

C200038 **INVALID USE OF RESERVED WORD**
A reserved keyword was used illegally; reserved keywords cannot be used as field names. For a complete list of key and reserved words, see the *CULPRIT Reference*.

Severity: E

Modules: CULP78BL
CULPSECH
CULP46CH
CULP01CH
CULP15CH

C200039 **EMBEDDED BLANKS IN ALPHA PARAMETER**
A value in the fixed portion of a CULPRIT parameter contains embedded blanks. This message is followed by one that indicates which field is in error.

Severity: E

Module: CULPDFRE IMBLANK SUBROUTINE

C200040 **ALPHA PARAMETER LEFT JUSTIFIED**
A value in the fixed portion of a CULPRIT parameter does not begin in the expected column. CULPRIT left-justifies the value and pads the right with blanks.

Severity: W

Module: CULPDFRE IMBLANK SUBROUTINE

C200041 **SCHEMA NAME IS MISSING OR INVALID**
This can be a W- or F-level message:

- **W level** -- CULPRIT could not find an occurrence of the subschema named in the SS= keyword expression in the data dictionary.
- **F level** -- If your site requires a schema name, CULPRIT issues this message, which indicates the schema name is missing or invalid. The name is invalid for the following reasons:
  - It is longer than 8 characters.
  - It is something other than IDMSNTWK at a site which is only able to run IDMS-DC® or data dictionary reports (DREPORTS).

Severity: W, F

Modules: CULPDRES (W level)
CULPFIKL (F level)

C200042 **FILE NAME INVALID**
The user coded a file name in an FN= keyword expression on an INPUT parameter that exceeds the system limit of 32 characters.

Severity: F

Modules: CULPFIV7
CULPKFV7

C200043 **MATCH KEY FIELD INVALID**
CULPRIT detected an invalid match-key field description (that is, position and length) on an INPUT parameter. The field definition places part or all of the field beyond the end of the record, as defined by the record size.

Severity: F

Module: CULPFIV7

C200044 **NO CARDS AFFECTED BY** *=macro-clause*
CULPRIT located the indicated keyword on an =DROP or =CHANGE clause of an =MACRO parameter, but a matching operand could not be found on a copied parameter. CULPRIT continues processing.

Severity: W

Module: CULP0

C200045 **RESULT FIELD LEFT UNCHANGED** *sequence-number*
The =MACRO statement resequenced a set of parameters. One of the resequenced parameters contains a result-field sequence number that is not specified in columns 5 through 7 on any of the parameters that were resequenced. The result-field sequence number is unchanged. CULPRIT assumes that the sequence number will be resolved elsewhere.

Severity: W

Modules: CULP0
CULPUNUM

C200046 **ERROR READING CULPRIT PARAMETERS FROM** *culprit-source-library*

(CONT) ERROR OCCURRED DURING OPEN/PW CHECK/READ

(CONT) MEMBER NOT FOUND

(CONT) MEMBER REQUESTED AT TIME OF ERROR WAS *member-name*
CULPRIT could not access source code stored in a source library or inline code. Possible reasons are:

- CULPRIT could not open SYSIN or the CULPRIT source library.
- The requested library member does not exist in the partitioned data set (MVS), source statement library (VSE), or other non-IDD library (for example, PANVALET).

CULPRIT prints the name of the member at the time of the error.

Severity: F

Modules: CULP0
CULPUSE

C200050 **PARAM= OPTION INVALID**
The system encountered the PARAM= keyword expression in the CULPRIT parameter stream and expected one of the associated keywords (that is, LIST, NOLIST, or EJECT), but an appropriate keyword option was not found. CULPRIT ignores the parameter.

Severity: W

Module: CULP0

C200051 **NESTED LIBRARY/DICTIONARY REQUEST REJECTED**

A nested =COPY, =MACRO, or REPORT= (data dictionary report request) statement was encountered in code that was inserted into the parameter stream by an =COPY, =MACRO, or REPORT= statement. The nested request and all associated statements (for example, =CHANGE, =DROP, =MEND) are ignored.

Severity: F

Module: CULP0

C200052 **INPUT CARD DROPPED**
This message confirms that the user coded an INPUT=NO keyword expression on an =COPY or =DROP statement. CULPRIT assumes that the user will supply an alternate INPUT parameter.

Severity: W

Module: CULP0

C200053 **REC CARD DROPPED - START POSITION IS INVALID**
The CULPRIT code includes a REC parameter with a starting position of zero (0) before any INPUT parameter. The REC parameter is ignored by CULPRIT.

NOTE: If the REC parameter occurs after the INPUT parameter, CULPRIT interprets the start position as a match-file signal byte and relocates it 1 byte beyond the end of the record.

Severity: W

Module: CULP0

C200054 **NO EXPANSION DONE - NOT ENOUGH ARGS**
The system encountered a symbolic parameter in the form &&x in a copied =MACRO parameter set, but no associated argument exists in the =MACRO instruction.

Severity: W

Module: CULP0

Range 200 Messages

C200055 NO EXPANSION DONE - ARG TOO LONG
An argument on an =MACRO parameter is too long to fit in the available space on the copied parameter card.

Severity: W

Module: CULP0

C200056 NEW SEQUENCE NUMBER GREATER THAN 999
The =MACRO facility generated a sequence number that exceeds the system limit of 999 while it resequenced type 7 or type 8 process definition parameters. CULPRIT retains the original sequence number.

Severity: F

Modules: CULP0
CULPUNUM

C200057 UNDEFINED MATCH KEY ON PRIOR FILE *match-key-name*
The named match-key field was not resolved on the file preceding the file that is currently being processed. The match key is not resolved because either the REC parameter that defined the field has E-level errors or the field is not defined on a REC parameter.

Severity: F

Module: CULP0

C200060 FIELD POSITION EXTENDS BEYOND RECORD
The sum of the starting position and the size of the data field placed part or all of the specified field beyond the end of the record. The field position limit was set on the INPUT or OUTPUT parameter.

Severity: W

Module: CULP0

C200061 =MEND MISSING
The system encountered an =MACRO instruction in the CULPRIT parameter stream, but no corresponding =MEND instruction was found. To correct this error, add an =MEND instruction and resubmit the job.

Severity: F

Module: CULP0

C200062 **MATCH WILL TAKE PLACE**
This message confirms that CULPRIT successfully processed two or more INPUT match-file parameters.

Severity: I

Module: CULP0

C200063 **NO INPUT CARD FOUND FOR FILE** *ddname/file-name*
The system did not encounter an INPUT parameter in the CULPRIT parameter stream.

Severity: E

Module: CULP0

C200064 **SEQUENCE TABLE OVERFLOW**
An attempt was made to resequence more than 250 type 7 or type 8 process definition parameters with one =MACRO statement. The parameters must be split into two or more groups with a maximum of 250 parameters in each group. These groups can then be inserted and renumbered in separate =MACRO statements.

Severity: F

Module: CULP0

C200065 **CHANGE CARD TABLE OVERFLOW**
An internal system error occurred. Call Cullinet Technical Support.

Severity: F

Module: CULP0

C200066 **TOO MANY CARDS IN MACRO REQUEST**
The CULPRIT code contains more than 40 lines, including continuation lines between an =MACRO instruction and the corresponding =MEND instruction. Reduce the number of lines and resubmit the job.

Severity: F

Module: CULP0

C200067 **CONTROL CARD INVALID**
An equal sign was coded in column 1, but the equal sign is not followed by a recognizable keyword (that is, CHANGE, COPY, DROP, MACRO, or MEND).

Severity: F

Range 200 Messages

Module: CULP0

C200068 EXTRANEOUS =MEND
An =MEND instruction was encountered in the CULPRIT parameter stream with no corresponding =MACRO instruction.

Severity: F

Module: CULP0

C200069 OPERAND(S) MISSING
Either an =COPY parameter does not contain any operands (for example, a member name or an asterisk (*)) or a keyword of the =COPY parameter does not contain an operand. CULPRIT either flags the column preceding the next keyword or the last column of the parameter with an asterisk.

Severity: F

Modules: CULP0
CULPCPC7

C200070 OPERAND INVALID *operand*
The indicated operand is either illegal in the context of the keyword with which it is associated or exceeds the maximum length allowable for the operand type.

Severity: F

Modules: CULP0
CULPCPC7

C200071 MEMBER NAME IS INVALID
CULPRIT detected a member or module name on an =COPY or =MACRO instruction that is either missing or invalid. The length of the member or module name cannot exceed the system limit of 32 characters. The name of a module that is stored in the data dictionary must be enclosed in single quotation marks.

Severity: F

Modules: CULP0
CULPCPC7

C200072 REPORT NUMBER IS INVALID
An illegal report number was specified on a parameter or as an operand on an =COPY, =MACRO, or REPORT= instruction. Valid report numbers are 00 through 99. If the error occurs in the REPORT= instruction, the invalid entry is underscored with asterisks.

Severity: F

Modules: CULP0
CULPDFRE
CULPIDDR

C200073 **TOO MANY PARAMETERS OF TYPE** *keyword*
More than 20 occurrences of the named keyword were specified in single =MACRO statement. *Keyword* may have the following values: TYPE=, REC=, CNST=, or OLD=.

Severity: F

Module: CULP0

C200074 KEYWORD EXPECTED *keyword*
This message occurs for one of two parameters:

- A SELECT/BYPASS parameter that has two logical conditions that are not joined by either an AND or an OR, or a SELECT/BYPASS parameter that specifies IN, but does not specify PATH immediately afterward
- An =MACRO parameter does not contain the indicated keyword

Severity: F

Modules: CULP0
CULPSEC7

C200075 TOO MANY ARGUMENTS
This can be a W- or a F-level message:

- **W level** -- More than 9 arguments were specified for a user module. Reduce the number of arguments and resubmit the job.
- **F level** -- More than 35 arguments are specified on an =MACRO parameter. Reduce the number of arguments and resubmit the job.

Severity: W, F

Modules: CULP78CH 'CALL' SPECIAL FUNCTION (W level)
CULP0 (F level)

C200076 TOO MANY TOKENS
The system encountered more than 100 keywords, operands, or delimiters in a single =DROP instruction or =CHANGE instruction. To correct this error, split the instruction into two or more =CHANGE or =DROP instructions.

Severity: F

Module: CULP0

C200077 ARGUMENT IS INVALID
An argument that exceeds 53 characters was specified on an =MACRO instruction. Argument length includes bounding quotation marks, if they are present.)

Severity: F

Module: CULP0

C200078 RIGHT PARENTHESIS MISSING
This can be a W- or F-level message:

- **W level** -- The closing parenthesis is missing for an argument list.
- **F level** -- CULPRIT prints this message for one of two reasons:
  - The closing parenthesis is missing for an argument list on an =MACRO parameter.
  - The closing parenthesis is missing in a WHERE clause expression.

Severity: W, F

Modules: CULP78CH 'CALL' SPECIAL FUNCTION (W level)
CULP0 (F level)
IDMSGEXP OR IDMSGCND -- CULP0 (F level)

C200079 ERRONEOUS TOKEN AFTER *character-string*
An illegal keyword, operand, or delimiter was coded after the indicated character string on an =CHANGE or =DROP instructon. CULPRIT may compress multiple blanks into a single blank in the message.

Severity: F

Module: CULP0

C200080 REPORT REQUEST PARAMETER *report-number*
This message prints to the left of any REPORT= parameter.

Severity: I

Module: CULPIDDR

C200081 REPORT REQUESTED NOT ON DICTIONARY *module-name*
CULPRIT requested either a data dictionary report module (for example, DREPORT 007) or a module in an =COPY or =MACRO parame-

ter, but could not find the requested module in the data dictionary being accessed. CULPRIT also prints the version number of the module if a value was supplied in the input parameter stream.

Severity: F

Module: CULPIDDR

C200082 FILE REQUESTED NOT ON DICTIONARY *file-name*
File-name and *version-number* (if defined on an INPUT parameter) were coded as the operand of an FN= keyword expression, but the indicated file (and version) does not exist in the data dictionary. CULPRIT also prints the version number of the file if a value was supplied in the input parameter stream.

Severity: F

Module: CULPIDDR

C200083 IDD NOT SUPPORTED
A data dictionary request was encountered (that is, an FN= keyword expression on the INPUT parameter, a module name that follows either an =COPY or =MACRO instruction, or a REPORT= instruction), but IDD is not installed.

Severity: F

Module: CULPIDDR

C200084 CULPRIT/DIRECTORY INTERFACE *idms/culpdres-version-number*
This message appears the first time CULPRIT tries to access the data dictionary. The variable portion of the message identifies which version of the CULPDRES module is being used.

Severity: I

Module: CULPDRES

C200085 UNABLE TO ACCESS DATA DICTIONARY
The data dictionary cannot be opened or has been found to be incompatible with the IDMS/CULPRIT interface module. The message ABORTING CULPDRES, described below, always accompanies this message, followed by messages that display the contents of the IDMS communications block.

Severity: F

Module: CULPDRES

C200086 ABORTING CULPDRES *idms/r-version culprit-version*

(CONT) DML SEQUENCE *sequence-number*

(CONT) ERROR STATUS *error-status-code*

(CONT) ERROR RECORD *record-name*

(CONT) ERROR SET *set-name*

(CONT) ERROR AREA *area-name*

(CONT) LAST GOOD RECORD *record-name*

(CONT) LAST GOOD AREA *area-name*
CULPRIT detected an error that relates to the data dictionary. If the error status is VERS, the database access module (that is, CULPDRES) is not compatible with the data dictionary indicated by *idms/r-version*. If the error status is numeric, see *Cullinet System Software -- Error Codes and Messages* for an explanation of the code. The messages that follow this message display the contents of the IDMS communications block.

This error can occur when CULPRIT encounters an error accessing:

- An IDMS/R database
- A file defined to the data dictionary
- A module defined to the data dictionary

Severity: F

Module: CULPDRES

C200094 NESTED OCCURS ON GENERATED REC PARAMETER *field-name*
The named field cannot be defined to CULPRIT because it lies within a nested repeating group defined to a database record accessed by CULPRIT.

Severity: E

Module: CULPDRES

C200095 UNKNOWN SUBSCHEMA *subschema-name*

(CONT) SCHEMA *schema-name*

(CONT) VERSION *version-number*
CULPRIT cannot find the named subschema, schema, and version number in the data dictionary. The schema name and version

print only if the CULPRIT code specified schema and version number values.

Severity: F

Module: CULPDRES

C200098 SET NAME UNKNOWN TO SUBSCHEMA *set-name*
The user coded a set name on a PATH parameter that is not known to the subschema named on the INPUT parameter.

Severity: F

Module: CULPDRES

C200099 NON-EXISTENT RECORD NAME *record-name*
A record name that is not known to the data dictionary was coded on a PATH parameter or is a qualifier for a field name.

Severity: F

Module: CULPDRES

C200100 UNABLE TO DEFINE *field-name*
CULPRIT cannot generate a field definition for the named field in a run that accesses the data dictionary. This message probably occurs because CULPRIT does not recognize the field name. Correct the field name and resubmit the job.

Severity: E

Module: CULPDRES

C200101 RECORD NAME UNKNOWN TO SUBSCHEMA *record-name*
The record named on the PATH parameter is not defined to the subschema named on the INPUT parameter. Correct the code and resubmit the job.

Severity: F

Module: CULPDRES

C200102 UNABLE TO RESOLVE PATH *path-id*
CULPRIT cannot resolve a reference to a path id. This error can occur if an invalid record or set invalidates the PATH parameter associated with *path-id*. For information on how to specify a valid path, see the *CULPRIT Reference*.

Severity: F

Module: CULPDRES

Range 200 Messages

C200105 FIELD NAME UNKNOWN TO LEGAL RECORD *field-name*
CULPRIT named a field that is defined to the data dictionary but does not exist in any of the records defined on a PATH parameter or associated with a file named on an INPUT parameter. Correct the field name and resubmit the job.

Severity: E

Module: CULPDRES

C200106 FIELD NAME UNKNOWN TO DICTIONARY *field-name*
CULPRIT cannot find the named field in the data dictionary. This message may be followed by a record name and level number if these were used to qualify the field.

Severity: E

Module: CULPDRES

C200107 INCONSISTENT PATH ENTRY RECORD *record-name*
The user coded an entry record on a PATH parameter that differs from the entry record that was specified on a previous PATH parameter. All non-dummy PATH parameters in a CULPRIT run must specify the same entry record.

Severity: F

Module: CULPDRES

C200108 ENTRY RECORD SET INVALID *set-name*
An invalid set name was specified on a PATH parameter for the entry record. The entry record set must be an index set known to the subschema that was specified on the INPUT parameter.

Severity: F

Module: CULPDRES

C200109 INVALID RELATIONSHIP TO PRIOR ENTRY IN PATH *path-id*

(CONT) RECORD NAME *record-name*

(CONT) SET NAME *set-name*
The user coded an illegal record name on the PATH identified by *path-id*. CULPRIT could not relate the named record to a previous record for one of the following reasons:

- If a set name was specified, the set is not defined to the subschema accessed by CULPRIT.
- The specified record is not related to the prior record on the path.

- The specified record is the second unrelated 'member' type record specified on the path.

Severity: F

Module: CULPDRES

C200112 MAXIMUM NUMBER OF IDMS RECORD NAMES EXCEEDED
More than 256 record names were specified on a PATH parameters.

Severity: F

Module: CULPDRES

C200113 KEYFIELD NAME INVALID *key-field-name*
CULPRIT detected an invalid key-field name on a KEY parameter. The key-field name is invalid for one of the following reasons:

- The field is not defined on a REC parameter.
- The field is not the CALC or index-set field for the specified entry record.

Severity: F

Modules: CULPKCC7
CULPDRES

C200114 INCONSISTENT PATH ENTRY SET *set-name*
The user coded a set name for the entry record on a PATH parameter that differs from the set name specified for the entry record on a previous PATH parameter. All PATH parameters in a CULPRIT run must specify the same entry record and the same set name for the entry record.

Severity: F

Module: CULPDRES

C200115 SET NAME IGNORED ON DUMMY PATH ENTRY *set-name*
The PATH parameter specifies a dummy path id (that is, --), indicating that CULPRIT will use the DB-EXIT facility to access the named records. CULPRIT ignores all set names specified on a PATH parameter that specifies a dummy path id.

Severity: W

Module: CULPDRES

C200116 AUTO-HEADERS ON 6-CARD BUT NOT T-ONLY REPORT
A header-origin code was specified on a type 6 edit parameter, but the OUTPUT parameter does not specify a totals-only report.

Severity: E

Module: CULPTBL

C200117 AUTO-HEADERS ON BOTH 5-CARDS AND 6-CARDS
The CULPRIT code contains header origin codes (that is, HH, HR, or HF) on both type 5 and type 6 edit parameters. Header origin codes can appear on type 6 edit parameters only for a totals-only report. Additionally, the codes can be defined for either type 5 or type 6 edit parameters, but not for both.

Severity: E

Module: CULPTBL

C200118 AUTO-HEADERS NOT GENERATED -- POSITION IS ZERO
A header-origin code was specified on a type 5 edit parameter for an output data field, but this field is 0 (zero).

Severity: E

Module: CULPTBL

C200119 AUTO-HEADER REQUEST CANNOT BE RESOLVED *rrllpppp*
The CULPRIT codes contains an auto-header request (that is, HR, HR, or HH) on a type 5 or 6 edit parameter, but no literal is associated with the specified field. The parameter that contains the auto-header request is identified as *rrllpppp* as follows:

- *Rr* is the report number.
- *Ll* is the line number.
- *Pppp* is the output position of the parameter.

Severity: E

Module: CULPTBL

C200120 AUTO-HEADER GENERATED LINE NUMBER EXCEEDS 8 *frrllpppp*
The system encountered a request for an auto-header in the input parameter stream, but the user-supplied or automatically generated headers occupy all eight available header lines. The edit parameter that contains the auto-header request is identified as *rrllpppp*, as follows:

- *Rr* is the report number.
- *Ll* is the line number.

- *Pppp* is the output position of the parameter.

Severity: E

Module: CULPTBL

C200121 **RUN CANCELLED DUE TO INSUFFICIENT STORAGE FOR** *CULPRIT-module*

(CONT) NUMBER OF BYTES REQUESTED *bytes*
CULPRIT was unable to obtain the necessary storage to continue processing in the CULP0 step. The names of the CULPRIT module CSECT requesting the core and the table or buffer being requested are printed in the variable portion of the message. Increase the region size by at least as much core as specified in the continuation of the message.

Possible CSECT and table name values are shown below:

CSECT (TABLE or BUFFER)	Description
CULPTBL(FILTABLE)	-- File statistics table
CULPTBL(REPTABLE)	-- Report statistics table
CULPTBL(NAMTABLE)	-- Run-time names table
CULPTBL(AUTO4TBL)	-- Auto-header literal table
CULPTBL(GEN4TBL)	-- Auto-header entry table
CULP0(OLDNEWSQ)	-- =CHANGE sequence number table
CULP0(G78BLOCK)	-- =CHANGE type-7 and 8 branch cards
CULP0(MXPTBL)	-- =MACRO expansion table
CULP0(CHPRMTBL)	-- =CHANGE parameter table
CULP0(DRRECTBL)	-- =DROP REC table
CULP0(DRCONTBL)	-- =DROP work field table
CULP0(DRNUMRNG)	-- =DROP range table
CULP0(CULLIB BUFFER)	-- =COPY/=MACRO MVS library buffer
CULPDFRE(GSNENTRY)	-- Generated type-15 name table block
CULPPAC7(PATHTBL)	-- PATH/record table block
CULPKCC7(KEYTBL)	-- Key entry table block

Severity: F

Module: CULPGTMN

C200123 **POSITION INVALID**
This can be an E- or F-level message:

- **E level** -- A REC or edit parameter specifies an invalid input or output position because the position is either not numeric or exceeds the system maximum:
  - 32,767 for input
  - 32,767 for output (**Release 10.2 only**)

- 4095 for output (**Release 10.0 and earlier**)

□ **F level** -- The KF= keyword expression on the KEYFILE parameter places the keyfield beyond the end of the keyfile record. Correct the KEYFILE parameter and resubmit the job.

Severity: E, F

Modules: CULPREC7 (E level)
CULP46C7 (E level)
CULPKFC7 (F level)

C200124 **SIZE IS INVALID**
This can be a W-, E-, or F-level message:

□ **W level** -- CULPRIT ignores the SZ= option on an edit parameter that also specifies FD (date format code), FS (social security format code), or FM (user edit mask).

□ **E level** -- The code specifies a type 4, 5, or 6 edit parameter with an output field that is nonnumeric or that exceeds the system limit defined for the data type. The maximum output size is shown below:

DATA TYPE	DP=	MAXIMUM SIZE SPECIFICATION
Alphanumeric		256 (Release 10.0 and earlier
		32,767 (Release 10.2)
FP	Yes	16
FP	No	8
All others	Yes	31
All others	No	15

□ **F level** -- CULPRIT detected an invalid field size specification on a KEYFILE or REC parameter, as follows:

- The KF= expression on the KEYFILE parameter specifies a field size that places part of the keyfield beyond the end of the keyfile record.

- A REC parameter specifies either a nonnumeric field size or one that exceeds the limit established for the field's data type:

DATA TYPE	MAXIMUM FIELD SIZE
' '	32,760 (Release 10.2)
1	4
2	31
3	16
4	15
5	32 bits (Release 10.2)

- A REC parameter that specifies the keyword GROUP specifies a group size that exceeds 32,767.

Severity: W, E, F

Modules: CULPREC7 (E level)
CULP46C7 (W level and E level)
CULPKFC7 (F level)

C200125 **DATA TYPE IS INVALID**
The system encountered an invalid or illegal data type on a REC parameter. For numeric field data types, code date types from 1 through 5. Omit the data type on alphanumeric or GROUP REC parameters. For multiply-occurring fields, enter the data type on ELMNT REC parameters.

Severity: E

Module: CULPREC7

C200126 **START POSITION OF 1 ASSUMED**
The user coded a link id on a GROUP REC parameter, but the starting position is not equal to 1. A starting position of 1 indicates that the starting position is relative to the end of the group that was specified by link id. CULPRIT ignores the invalid specification and sets a starting position of 1 for the group. The invalid entry is underscored with asterisks.

Severity: W

Module: CULPREC7

C200127 **NUMBER OF OCCURRENCES INVALID**
The user coded an invalid occurrence count specification on a GROUP REC parameter. The specification is either a nonnumeric value or exceeds the system limit of 32K. The invalid entry is underscored with asterisks.

Severity: E

Modules: CULPREC7
CULP01C7

Range 200 Messages

C200128 LINE NUMBER IS INVALID
The system encountered an invalid line number on a type 4, type 5, or type 6 edit parameter. Valid line number values are 1 through 8.

Severity: E

Module: CULP46C7

C200129 CARRIAGE CONTROL IS INVALID
The user specified an invalid spacing (that is, carriage control) character on a type 4, type 5, or type 6 edit parameter. Valid codes are: -, +, A, B, C, V, W, 0 through 9, or a blank. The invalid character is underscored with an asterisk.

Severity: E

Module: CULP46C7

C200130 FORMAT CODE IS INVALID
The user coded an invalid format code on an edit parameter. This error can occur if the number of digits exceeds the field size, or if the format code is not F*, F$, F-, FB, FC, FD, FF, FM, FN, FP, FS, FU, FW, FZ, or F0 through F9.

Severity: E

Module: CULP46C7

C200131 TOTAL/DETAIL CODE INVALID
The total/detail code specified on an OUTPUT parameter is not valid. Valid codes are a T, D, or blank.

Severity: E

Module: CULPSOCH

C200133 LINES/PAGE INVALID
An OUTPUT parameter specifies an invalid LP= keyword expression for the number of lines for each report page. The value is either nonnumeric or exceeds 32K. The invalid specification is underscored with asterisks when the error appears in the Sequential Parameter Listing.

Severity: E

Module: CULPSOCH

C200134 SORT KEY IS INVALID
CULPRIT detected an invalid sort key on a SORT parameter. This error can occur if the user specified more than 20 sort

keys for one report, or if the sort key field is not a valid input or work field name.

Severity: E

Module: CULPSOCH

C200135 CULPRIT INPUT BUFFER CAPACITY EXCEEDED
The user coded a value for the input record size, but the value exceeds the system buffer limit of 32K. For standard CULPRIT runs, the input buffer size is equal to the record size that was specified on the INPUT parameter. For match-file runs, the input buffer size is the sum of the record sizes of all input files, plus 1 byte per non-dummy file and 1 byte per run.

Severity: F

Module: CULP0

C200136 MAXIMUM NUMBER OF FILES EXCEEDED
The system encountered more than 32 INPUT parameters in a run that accesses nondatabase files.

Severity: F

Module: CULP0

C200137 SECURITY MODULE NOT LINKED
The installation security option in the CULXPROF macro specifies YES, but CULPRIT cannot enforce security because the CULPDRES module has not been linked with the CULP0 module.

Severity: F

Module: CULPDFRE

C200138 INSTALLATION SECURITY OPTION IS *option*
The installation security option specifies either YES or NO, depending on the option specified for the installation parameter, CULL-SECURE.

Severity: I

Module: CULPDFRE

C200139 OPERATION CODE INVALID
This can be an E- or F-level message:

- **E level** -- The operation code that was specified on a process definition parameter is invalid for one of the following reasons:

- The code is not a legal procedure code.
- A math operation was specified for an alphanumeric literal field.
- EOF has been entered in field 1 but the operation code is not EQ or NE.

□ **F level** -- The flagged token in an invalid operation code for a SELECT/BYPASS parameter.

Severity: E, F

Modules: CULP78C7 (E level)
CULPSTKL (F level)

C200140 INITIAL VALUE INVALID

This can be an E- or F-level message:

□ **E level** -- The specified initial value is not a valid numeric or alphanumeric literal, or is of a different data type than the first value of a mutiply-occurring work field.

□ **F level** -- The specified keyfield value is invalid.

Severity: E, F

Modules: CULP01C7 (E level)
CULPKCC7 (F level)

C200141 LENGTH OF FIRST LITERAL VALUE USED

A multiply-occurring work field parameter (that is, array) specifies initial values with different lengths. CULPRIT uses the length of the first value. It truncates values that are longer and pads shorter values on the right and underscores them with asterisks.

Severity: W

Module: CULP01C7

C200142 SEQUENCE NUMBER IS INVALID

The user coded an invalid sequence number on a type 7 or type 8 process definition parameter. The invalid entry is underscored with asterisks. To correct this error, use either numeric or blank sequence numbers.

Severity: E

Module: CULP78C7

C200143 SEL STATEMENT OUT OF SEQUENCE

The system encountered a SELECT/BYPASS parameter that preceded an INPUT, KEYFILE, or referenced PATH parameter. To correct this error, reorder the parameters so that appropriate INPUT, KEYFILE, or PATH parameters precede the SELECT/BYPASS parameter, and resubmit the job.

Severity: F

Module: CULPSEC7

C200144 RECORD LEVEL IS INVALID

This can be an E- or F-level message:

- **E level** -- The specified level is either nonnumeric or exceeds 256, the maximum level number.
- **F level** -- Either the flagged record level qualifier is invalid or the specified occurrence of the record does not exist.

Severity: E, F

Modules: CULPDFRE (E level)
CULPSEC7 (F level)

C200145 UNBALANCED PARENTHESES

CULPRIT detected an unequal number of opening and closing parentheses on a SELECT/BYPASS or process definition parameter.

Severity: F

Modules: CULPSTKL
CULP78AL

C200146 RECORD OR SET NAME IS INVALID

The user coded an invalid record name on a SELECT/BYPASS parameter or an invalid record or set name on a PATH parameter. This error can occur if the name is too long or if the name is not a valid COBOL name. The invalid entry is underscored with asterisks.

Severity: F

Module: CULPSEC7

C200147 PATH-ID INVALID OR DUPLICATED

The flagged path id is either invalid or exists on another PATH parameter.

Severity: F

Modules: CULPSEC7
CULPPACH

C200148 PASSWORD MISSING OR INVALID
The CULPRIT code either specifies an invalid password on a PROFILE, INPUT, or OUTPUT parameter or fails to specify a password when required.

Severity: F

Module: CULPFIV7

C200149 INVALID NUMERIC TOKEN
An invalid numeric string has been coded on a parameter that applies to the entire run (for example, SELECT and INPUT parameters). The string is invalid because it either exceeds a maximum value or is less than the minimum allowed. CULPRIT underscores the invalid string with asterisks.

Severity: F

Modules: CULPFIPL
CULPFIKL

C200150 DUPLICATE LINE NUMBER IGNORED
CULPRIT ignored a duplicate line number in a list of line numbers for a PICK, UNPICK, DROP, TAKE, or RELS operation on a process definition parameter. The invalid entry is underscored with asterisks.

Severity: W

Module: CULP78CH

C200151 TOO MANY OPERANDS
The user coded too many operation codes on a COMPUTE statement, IF statement, or SELECT/BYPASS statement. The maximum number is 32 test conditions.

Severity: E

Modules: CULP78AL
CULPSTKL

C200152 TOO MANY OPERATORS
A COMPUTE statement specifies too many operation codes.

Severity: E

Module: CULP78AL

C200153 OPERAND INVALID *operand*
An operand was coded on a report-specific parameter (for example, OUTPUT and edit parameter) that is either illegal for the keyword with which it is associated, or exceeds the maximum length allowable for the operand type.

Severity: E

Module: CULP

C200154 KEY FIELD INDICATORS MISSING OR INVALID
The user coded a KEYFILE parameter with an invalid or missing KF= keyword expression. The KF= value is invalid if it specifies an invalid keyfield position or length.

Severity: F

C200155 INCREMENT VALUE INVALID
The system encountered an invalid increment on a type 15 implied subscript parameter. Valid increments are numeric literals in the range 1 through 4095. The invalid entry is underscored with asterisks.

Severity: E

C200156 GROUP ID IS INVALID
A REC parameter that specifies the keyword GROUP specifies an invalid group id. The group id is a 2-byte alphanumeric field.

Severity: F

Module: CULP0

C200157 INCONSISTENT DD SPECIFICATIONS
This can be an E- or F-level message:

- **E level** -- One OUTPUT parameter specifies a DD= keyword expression, but another does not.
- **F level** -- One file in a match-file run specifies a DD= keyword expression, but another does not.

Severity: E, F

Modules: CULPOUKL (E level)
CULPFIKL (F level)

C200158 SIGNAL BYTE IGNORED FOR DUMMY OR UNDEFINED FILE
A REC parameter with a starting position of zero (0) was coded for a dummy file or was encountered before the first INPUT parameter in the parameter stream.

Range 200 Messages

Severity: W

Module: CULPO

C200159 SELECT AND BYPASS MAY NOT BE MIXED
Both SELECT and BYPASS parameters were encountered for the same file. Either SELECT or BYPASS, but not both, can be codes for each input file.

Severity: E

Module: CULPSCH

C200160 E-LEVEL ERRORS IN SEL STATEMENT
E-level errors in a SELECT or BYPASS parameter force CULPRIT to terminate the run.

Severity: F

Module: CULPSECH

C200161 DD SPECIFIED FOR PRINTED OUTPUT
The OUTPUT parameter specifies printed output (that is, the file type is omitted), but a DD= option was also specified for the same report. Because CULPRIT automatically makes assignments to a standard print file, no user-written specification is needed. THe invalid DD= entry is underscored with asterisks.

Severity: E

Module: CULPOUKL

C200164 INVALID BREAK CODE
A SORT parameter specifies an invalid break code. Valid codes are 1, 0, - (a hyphen), and +.

Severity: E

Module: CULPSOCH

C200165 COLUMN ONE IGNORED
CULPRIT ignored a mispunch in column 1. The invalid entry is underscored with asterisks.

Severity: W

Module: CULPDFRE

C200166 SUBSCRIPT IS INVALID

An invalid subscript value was coded. The value is nonnumeric, exceeds 32,767, or is an invalid field name. The invalid specification is underscored with asterisks.

Severity: E

Module: CULPDFRE

C200167 DUPLICATE OUTPUT OR SORT PARAMETER
CULPRIT encountered more than one OUTPUT or SORT parameter for a report.

Severity: E

Module: CULPTBL

C200168 PARAMETER TYPE ILLEGAL
The system encountered an illegal parameter in the CULPRIT parameter stream. To evaluate this error, review the Sequential Parameter Listing.

CULPRIT also flags a DATABASE parameter if it is not the first CULPRIT parameter in the input stream or if it appears within a used dictionary module.

Severity: F

Module: CULPDFRE

C200169 UNAUTHORIZED USER/PASSWORD COMBINATION
USER= and PASSWORD= keywords appear on the PROFILE parameter, but either the named user is not defined in the data dictionary or the specified password is incorrect.

Severity: F

Module: CULPDRES

C200170 FILE NOT DEFINED TO DIRECTORY/DICTIONARY
The file named in an FN= keyword expression is not defined to the data dictionary.

Severity: F

Module: CULPDRES

C200171 ACCESS NOT AUTHORIZED FOR FILE/SUBSCHEMA
The user specified on the PROFILE parameter is not authorized to access the file or subschema specified on the INPUT parameter.

Severity: F

Module: CULPDRES

C200172 **NO FILE NAME SPECIFIED**
CULPRIT processed all keyword expressions on an INPUT parameter and determined the following:

- Neither FN=*file-name* or SS=*subschema-name* are present in the INPUT parameter.
- CULPRIT security (as established in the DDDL SET OPTIONS statement) is in effect. When security is in effect, all nondatabase files must be accessed through the data dictionary. Code FN=*file-name* on all INPUT parameters when accessing nondatabase files.

Severity: F

Module: CULPFIKL

C200173 **DIRECTORY/DICTIONARY OVERRIDE ATTEMPT**
The OVERRIDES ARE NOT ALLOWED option is in effect in the data dictionary for the user that was named on the PROFILE parameter. One of the following conditions is true:

- The user coded a record size, record type, block size, file type, or label type on an INPUT or KEYFILE parameter.
- The user coded a REC parameter.

Severity: F

Module: CULPFIKL

C200174 **RECORD DESCRIPTION OVERRIDE ATTEMPT**
CULPRIT security is in effect in the data dictionary and the user has coded an entry other than a comment on a REC parameter. One of the following conditions is true:

- The user did not code a valid USER= specification on the PROFILE parameter.
- The user coded a valid USER= specification on the PROFILE parameter, but the data dictionary specifies that overrides are not allowed for the specified user.

Severity: F

Module: CULPRECH

C200175 DICTIONARY SECURITY OPTION IS *security-level*
This message tells you what level of security is in place. CULPRIT prints either ON or OFF for *security-level*.

Severity: I

Module: CULPDRES

C200176 DIRECTORY/DICTIONARY FILE(DEVICE) TYPES *file-type device-type*
This message identifies the file and device type for a file that was defined in the data dictionary and was named in an FN= specification on an INPUT or a KEYFILE parameter.

Severity: I

Module: CULPDRES

C200177 LEFT PAREN MISSING
CULPRIT encountered a field that follows the module name in a CALL statement on a type 7 parameter. The place where the left parenthesis was expected is underscored with asterisks.

Severity: E

Module: CULP78CH

C200178 FIELD NAME INVALID
CULPRIT detected an invalid name in a CALL instruction on a type 7 parameter. The invalid entry is underscored with asterisks.

Severity: E

Module: CULP78CH

C200179 KEY FIELD EXTENDS BEYOND RECORD
The user specified a KF= keyword expression on a KEYFILE parameter but the starting position plus the field size caused the keyfield to extend beyond the last position of the record. Note that the user determines the record size of the keyfile in one of two ways:

- By explicitly coding *record-size-n*
- By coding FN=*file-name* if the auto-attributes option is in effect and *record-size-n* was not coded on the KEYFILE parameter

Review the layout of the keyfile and make the appropriate modifications to the KEYFILE parameter.

Severity: F

Module: CULPFIKL

C200180 SPECIAL POSITIONING SPECIFIED FOR NON-TAPE FILE
The system encountered a request in the LT= keyword expression to bypass the indicated files or blocks, but the user did not specify tape input. The LT= option is valid only for tape input.

Severity: F

Module: CULPFIKL

C200181 DP= INVALID ON GROUP REC PARAMETER
CULPRIT ignored a DP= specification on a GROUP REC parameter. A DP= specification can be coded on ELMNT REC parameters.

Severity: W

Module: CULPRECH

C200182 DP= SPECIFICATION IGNORED FOR MATCH
The user coded a DP= specification for a match-key field. The match is performed as though the field represented an integer value.

Severity: W

Module: CULP0

C200183 USER EDIT MASK EXCEEDS 64 CHARACTERS
A user edit mask exceeds the system limit of 64 characters.

Severity: E

Module: CULP46CH

C200184 SIZE OF ZERO IS ILLEGAL
CULPRIT encountered a size specification of SZ=0 on a type 4, type 5, or type 6 edit parameter.

Severity: E

Module: CULP46CH

C200185 SCALING FROM PICTURE IGNORED
CULPRIT detected a picture clause with trailing Ps while generating REC parameters from the data dictionary. This type of scaling is not permitted in a CULPRIT run.

Severity: W

Module: CULPDRES

C200186 AUTO-ATTRIBUTES IS *auto-attribute-option*
This message indicates whether the CULPRIT auto-attribute option is in effect in the data dictionary. CULPRIT prints ON if the option is in effect and OFF if it is not.

Severity: I

Module: CULPDRES

C200187 INVALID PASSWORD
The CULPRIT code specifies an invalid or null password on an =COPY/=MACRO parameter for LIBRARIAN or PANVALET processing.

Severity: E

Module: CULP0

C200188 ALL SUCCEEDING PARAMETERS IGNORED
This message confirms that the system ignored all parameters that follow this message in the Sequential Parameter Listing. This is an internal system error. CULPRIT continues processing with only those parameters preceding the message.

Severity: W

Module: CULP0

C200189 OPERAND TOO LONG
In a keyword expression on a DATABASE parameter, the user coded an operand that exceeds the system limit of 8 characters.

Severity: F

Module: CULP0

C200190 RECORD NOT INCLUDED IN LOGICAL RECORD
CULPRIT encountered a database record that qualifies a field name in the format *field-name (database-record OF logical-record)*, but the specified database record is not defined as part of the logical record on the data dictionary.

Severity: F

Module: CULPDRES

C200191 MORE THAN 100 LOGICAL RECORD PATHS
The system encountered more than 100 PATH parameters that contain logical records. Reduce the number of PATH parameters and resubmit the job.

Severity: F

Module: CULPDRES

C200192 PATH MAY ONLY HAVE 1 LOGICAL RECORD
CULPRIT detected a PATH parameter that references more than 1 logical record.

Severity: F

Module: CULPDRES

C200193 MORE THAN 100 RECORDS ON PATH
The CULPRIT code specifies more than 100 record names on a single PATH parameter. Reduce the length of the path and resubmit the job.

Severity: F

Module: CULPDRES

C200194 ERROR ON GENERATED RECORD PAST SYSIN EOF
Module CULPMASG generated a record after reading all the input parameters, for which the type of read necessary (for example, a PANVALET library or data dictionary) cannot be determined. This is an internal system error.

Severity: E

Module: CULP0

C200195 ERROR IN WHERE CLAUSE FOR PATH *path-id*

(CONT) ERROR OCCURRED NEAR *source-code*
The system detected an error while processing the WHERE clause on the indicated PATH parameter. This error message precedes the message that describes the specific WHERE clause error. *Source-code* is the last token in the token buffer when the error occurred.

Severity: F

Module: CULPMERR

C200197 QUALIFYING REC NAME NOT VALID
CULPRIT encountered an error while processing the WHERE clause on a PATH parameter. The user coded a record name qualifier for the field name that exceeds the system limit of 32 characters.

Severity: F

Modules: IDMSGEXP
CULP0

C200198 EXPECTING #, DATANAME, OR NESTED EXPR AFTER + OR -
The user coded a keyword or a field name after a plus or minus sign in the WHERE clause on a PATH parameter. This error can occur if the element is not a numeric value, a database field name, or a nested expression.

Severity: F

Modules: IDMSGEXP
CULP0

C200199 INVALID OR MISSING OPERAND FOR RELATIONAL OPERATOR
The user coded a test operation (for example, EQ, GT) in the WHERE clause on a PATH parameter, but one of the operands is either missing or coded incorrectly. Valid operands are: numeric literals, numeric fields, and arithmetic expressions.

Severity: F

Modules: IDMSGCND
CULP0

C200200 INVALID EXPRESSION IN PARENTHESES
CULPRIT encountered an invalid parenthetical expression in the WHERE clause on a PATH parameter. Valid parenthetical expressions can be a boolean expression, an arithmetic expression, a comparison expression, or a keyword that is known to the data dictionary.

Severity: F

Modules: IDMSGEXP
CULP0

C200201 2ND OPERAND MISSING IN EXPRESSION AFTER + OR -
The WHERE clause contains a valid operand, that is an expression, data field name, or number was recognized preceding a + or - sign. However, an invalid operand was found following it.

Severity: F

Modules: IDMSGEXP
CULP0

C200202 2ND OPERAND MISSING IN TERM AFTER * OR /

The WHERE clause contains a valid operand, that is an expression, data field name, or number was recognized preceding a * or / sign. However, an invalid operand was found following it.

Severity: F

Modules: ADSOGEXP
CULP0

C200203 NODE PASSED FROM CALLER IS IN ERROR. ABORT
CULPRIT encountered an error with the dictionary node while processing a WHERE clause. This is an internal error. Call Cullinet Technical Support.

Severity: F

Modules: IDMSGEXP OR IDMSGCND
CULP0

C200204 CURRENT TERMINAL NODE HAS INVALID BR CODE. ABORT
CULPRIT encountered an IDMS error with the current terminal node while processing a WHERE clause. This is an internal error. Call Cullinet Technical Support.

Severity: F

Modules: IDMSGEXP OR IDMSGCND
CULP0

C200205 INTERNAL STACK HAS INSUFFICIENT SPACE. ABORT
If processing did not terminate, a parse stack overflow would have occurred during the parsing of a data field name or expression. Reduce the number of nexted expressions or Call Cullinet Technical Support to increase the size of the parse stack.

Severity: F

Modules: IDMSGEXP OR IDMSGCND
CULP0

C200206 ELEMENT DOES NOT EXIST IN DICTIONARY
A field that was encountered in the WHERE clause on a PATH parameter is not defined as either a field name or a keyword in the data dictionary.

Severity: F

Modules: IDMSGEXP OR IDMSGCND
CULP0

C200207 ELEMENT DOES NOT EXIST IN SUBSCHEMA
The user coded a field name in the WHERE clause on a PATH parameter, but the element is not defined as a field name or a keyword in the subschema that was specified on the INPUT parameter.

Severity: F

Modules: IDMSGEXP OR IDMSGCND
CULP0

C200208 BAD RETURN CODE FROM GNRC. ABORT
An internal routine (to validate data field names) passed an invalid return code to the expression parser for the WHERE clause. This is an internal error. Call Cullinet Technical Support.

Severity: F

Modules: IDMSGEXP OR IDMSGCND
CULP0

C200209 OVERFLOW OF EVALUATION BUFFER
An expression may have a maximum total of fifty operands and operators. Reduce the number of operations performed within the current expression.

Severity: F

Modules: IDMSGEXP OR IDMSGCND
CULP0

C200210 ELEMENT NOT UNIQUE IN SUBSCHEMA
The user coded a field name in the WHERE clause on a PATH parameter, but the element exists in more than one record. Correct the CULPRIT code by qualifying the field name with a record name.

Severity: F

Modules: IDMSGEXP OR IDMSGCND
CULP0

C200211 DATA TYPE INVALID WITH ARITHMETIC OPERATION
CULPRIT detected an illegal data type in the WHERE clause on a PATH parameter. This error can occur if an operand in an arithmetic expression is defined in the data dictionary as an alphanumeric bit, 8-byte binary, or group field.

Severity: F

Modules: IDMSGEXP -

CULP0

C200212 LOGICAL CONJUNCTION OPERAND NOT DATA TYPE = BIT

CULPRIT detected an invalid operand of a logical conjunction (that is, AND, OR, or NOT) while analyzing the WHERE clause on a PATH parameter. The operand must be either a comparison expression or a keyword that is defined to the data dictionary.

Severity: F

Modules: IDMSGEXP OR IDMSGCND
CULP0

C200213 INVALID DATA TYPE OR LENGTH FOR MATCHES/CONTAINS OP

CULPRIT detected an error in the WHERE clause on a PATH parameter. This error can occur because of one of the following:

- The operand that was specified in a MATCHES or CONTAINS operation is the wrong data type. Valid data types are alphanumeric and unsigned zoned decimal. Literal values must be enclosed in quotation marks even if the literal values are compared to a zoned decimal field.
- The second operand that was specified in a CONTAINS operation is longer than the first operand. The second operand must be less than or equal in length to the first operand.

Severity: F

Modules: IDMSGEXP
CULP0

C200214 SUBSCRIPT IS EXPECTED FOR THIS DATANAME.SCAN CONT

The user specified a multiply-occurring field in the WHERE clause on a PATH parameter, but the field was not referenced with a subscript. CULPRIT continues to scan the rest of the WHERE clause for errors.

Severity: F

Modules: IDMSGEXP
CULP0

C200215 DIVISOR EXCEEDS MAXIMUM SIZE OF 8 BYTES

CULPRIT detected a divisor in an arithmetic WHERE clause on a PATH parameter that exceeds the system limit of 8 bytes.

Severity: F

Modules: IDMSGEXP
CULP0

C200216 **INSUFFICIENT STORAGE FOR THIS LITERAL**
CULPRIT's WHERE clause parsing routine ran out of storage when CULPRIT tried to store a literal, a keyword, or a variable value.

Severity: F

Modules: IDMSGEXP
CULP0

C200217 **OCCURS DEPENDING ON CTL FIELD NOT HALF OR FULLWORD**
CULPRIT detected an error while processing the WHERE clause on a PATH parameter. A field that was referenced in the WHERE clause is defined to the data dictionary by the OCCURS clause, as follows:

OCCURS *occurrence-count-n* TO *occurrence-count-n*
TIME DEPENDING ON *control-element-name*

The *control-element-name* is not defined as a binary halfword or fullword field. To correct the data dictionary, define the *control-element-name* as a binary halfword or fullword field in the fixed portion of the record.

Severity: F

Modules: IDMSGEXP
CULP0

C200218 **INSUFFICIENT STORAGE FOR THE GRE/GRD**
CULPRIT ran out of storage while processing the WHERE clause on a PATH parameter. This error can occur because of a complex WHERE clause. To correct the error, either simplify the clause or transfer some of the selection criteria to a SELECT parameter and resubmit the job.

Severity: F

Modules: IDMSGEXP OR IDMSGCND
CULP0

C200219 **CONDITION NAME NOT VALID IN ARITHMETIC EXPRESSION**
CULPRIT detected an illegal condition in the arithmetic expression of the WHERE clause on a PATH parameter. Numeric operands are required in all arithmetic expressions; true/false values are not permitted.

Severity: F

Modules: IDMSGEXP
CULP0

C200220 KEYWORD NAME NOT VALID IN ARITHMETIC EXPRESSION
The user coded a keyword that is known to the data dictionary in the WHERE clause arithmetic expression of a PATH parameter. Valid operands in arithmetic expressions are numeric literals and numeric fields.

Severity: F

Modules: IDMSGEXP
CULP0

C200221 INVALID OR MISSING OPND FOR BOOLEAN AND/OR/NOT OP
The user coded an invalid boolean AND/OR/NOT operator in the WHERE clause on a PATH parameter. One of the following errors has occurred:

- A valid condition preceding the keyword AND or OR was recognized, but no valid condition follows the keyword.
- The keyword NOT was recognized, but no valid relational expression or paenthesized condition follows it.

Severity: F

Modules: IDMSGCND
CULP0

C200222 INVALID NESTED CONDITION
The system encountered an invalid nested condition in the WHERE clause on a PATH parameter.

Severity: F

Modules: IDMSGCND
CULP0

C200223 ERROR OF UNKNOWN ORIGIN
CULPRIT detected an error while processing the WHERE clause on a PATH parameter, but the error code was not found in the CULPRIT error message table in the CULPMERR module.

Severity: F

Modules: CULPMERR
CULP0

C200224 TOO FEW SUBSCRIPTS SPECIFIED
CULPRIT detected the name of a multiply-occurring field WHERE clause on a PATH parameter, but no subscript is specified. Use a subscript to reference the multiply-occurring field.

Severity: F

Modules: IDMSGEXP
CULP0

C200225 ILLEGAL SUBSCRIPT
The user subscripted a field name that was coded in the WHERE clause expression on a PATH parameter, but the element is not a multiply- occurring field. Only multiply-occurring fields can be referenced with subscripts. For more information on multiply-occurring fields, see the *CULPRIT Reference*.

Severity: F

Modules: IDMSGEXP
CULP0

C200226 UNABLE TO PARSE WHERE CLAUSE
CULPRIT encountered an error while trying to analyze the WHERE clause on a PATH parameter. This error message may be accompanied by other messages that provide greater detail. To evaluate the error, review the WHERE clause.

Severity: F

Modules: CULPWHRE
CULP0

C200227 TOKENS LEFT IN WHERE CLAUSE AFTER PARSE
CULPRIT detected additional items while analyzing the WHERE clause on a PATH parameter and was unable to successfully complete the WHERE clause analysis. To evaluate this error, review the WHERE clause code.

Severity: F

Modules: CULPWHRE
CULP0

C200228 INVALID ASSEMBLY OF PROFILE CSECT
This message can occur if one or more errors were generated during the automatic assembly of the CULXPROF program at installation time. To evaluate the error, review the assembly listing of CULXPROF, make the appropriate changes, and reassemble the program.

Severity: F

Range 200 Messages

Modules: CULPDFRE
CULP0

C200229 PATH PARAMETER IS REQUIRED
CULPRIT encountered an INPUT parameter with a DB file type. The DB file type on the INPUT parameter caused CULPRIT to expect a PATH parameter, and none was found.

Severity: F

Module: CULP0

C200230 ILLEGAL CONTINUATION
An =MACRO expansion caused a continuation line for a title parameter. A TITLE parameter cannot be continued to a second line.

Severity: E

Module: CULPDFRE

C200231 "USE" SYNTAX ERROR:

(CONT) EXPECTED *use-option*

(CONT) FOUND *incorrect-option*
CULPRIT prints this message when it encounters invalid syntax for the USE parameter.

Severity: E

Module: CULPUSYN

C200234 NO DEFINITION FOUND FOR "USE" KEYWORD - *use-keyword*
A keyword that was not in a DEFAULT parameter was used in the WITH VALUES clause. The DEFAULT parameter is needed to associate argument numbers with values.

Severity: E

Module: CULPUSYN

C200236 "USE" OR "END" AND =MACRO/=COPY NOT ALLOWED IN SAME RUN
The CULPRIT code contains both a USE parameter and either an =COPY or =MACRO parameter in the same run. Use one or the other, but not both.

Severity: F

Module: CULP0

C200237 RETURN CODE FROM CULPMASG IS INVALID - HEX *code*
The USE message routine returned an invalid code to CULPRIT. CULPRIT prints the 1-digit code in hexadecimal. Check the syntax of the line above this message.

Severity: F

Module: CULP0

C200238 WILL USE STANDARD LIBRARIES -

LIBRARY SYSTEM REQUESTED NOT KNOWN *library-name*
The PROFILE parameter specifies a library name in the PARMLIB= keyword expression that is not known to CULPRIT. CULPRIT uses STANDARD as the default.

Severity: W

Module: CULP0

C200239 CANCEL WITH DUMP TO AID PROBLEM DIAGNOSIS
CULPRIT prints this message when it forces an abend with a dump. CULPRIT sets the error level to X'FF', which is detected by the CULP0 step. CULP0 then changes the level to F, prints the message, cancels the run, and prints the dump.

Severity: F

Module: CULP0

C200240 MORE THAN 1 "WITH VALUES" CLAUSE SPECIFIED FOR "USE"
CULPRIT encountered more than one WITH VALUES clause in a USE parameter. Only one WITH VALUES clause is allowed.

Severity: E

Module: CULPUSYN

C200241 MORE THAN 35 PARAMETER VALUES SPECIFIED
More than 35 positional or keyword values were coded in the WITH VALUES clause of the USE parameter. Reduce the number to 35 or less and resubmit the job.

Severity: E

Module: CULPUSYN

C200242 INVALID SYNTAX IN "VALUE" OR "DEFAULT" EXPRESSION

(CONT) SKIPPING TO NEXT CULPRIT PARAMETER OR USE/&&N

CULPRIT encountered invalid syntax in the WITH VALUES or DEFAULT clauses. The syntax is invalid for one of the following reasons:

- *&&n* is followed by a blank, comma, or right parenthesis.
- *Keyword-k=* is followed by a blank, comma, or right parenthesis.
- *&&n=keyword-k=keyvalue* is not on a complete line.

CULPRIT skips over items subordinate to the clause in error and resumes parsing when it encounters the beginning of a new higher level item.

Severity: E

Module: CULPUSYN

C200244 **INVALID RANGE OF COLUMNS/STMT # S/LINE # S/SEQ #**
CULPRIT encountered an invalid range of column numbers, process definition sequence numbers, edit line numbers, or identifiers coded in columns 73 through 80 in a USE parameter clause.

Severity: E

Module: CULPUSYN

C200245 **MORE THAN 4K MAXIMUM REQUIRED FOR TABLE FOR *tablename***
A CULPRIT internal control block exceeded its maximum size. One solution is to split a large USE member into two smaller members. Otherwise, try the solutions listed below for particular control blocks:

- FIXADDR -- Reduce the number of statements that need to be renumbered.
- ARGADDR -- Reduce the number of symbolic parameters.
- KWADDR -- Reduce the number of symbolic parameters.

Severity: E

Module: CULPUSYN

C200246 **SPECIAL NAME IN DOUBLE QUOTES IS INVALID**
CULPRIT encountered an invalid name in double quotation marks for one of the following reasons:

- The closing double quotation mark is missing.
- The name is longer than 32 characters.
- No characters are coded for the name.

Severity: E

Module: CULPDFRE GETWORD SUBROUTINE

C200248 NO ROOM FOR RENUMBERED RESULT SEQUENCE NUMBER
After renumbering the sequence numbers on a line, the line length exceeds 71 characters. Split the line in two by using a continuation character (*).

Severity: E

Module: CULPUNUM

C200249 DICTIONARY READ MODULE, CULPDICR, NOT LINKED
The USE parameter specifies a dictionary module name, but the dictionary read module, CULPDICR, is not linked.

Severity: E

Module: CULPUSYN

C200250 SEARCH REQUESTED FOR STRING OF LENGTH ZERO
A CHANGE, DROP, or KEEP instruction is invalid because it has a null literal string for which to search.

Severity: E

Module: CULPUSYN

C200251 "USE", "END", OR "DEFAULT" IS OUT OF PLACE
A USE, END, or DEFAULT parameter is out of place. These parameters must be the first keywords on a line.

Severity: E

Module: CULPUSYN

C200252 "END" STATEMENT NOT PAIRED WITH "USE *"
An END statement was found with no corresponding USE * parameter. Delete this line from your program.

Severity: E

Modules: CULPUSYN
CULPUSE

Range 200 Messages

C200253 EXPANDED CARD IS INVALID
Either 72 bytes of data on a parameter expanded to more than 256 bytes (excluding trailing blanks) or a quoted expression could not be completed on a single continuation card. CULPRIT continues the parameter on continuation lines, which may not be valid.

Severity: E

Module: CULPUVCD

C200254 TOO MANY NESTED "USE" STATEMENTS

(CONT) CULPRIT WILL SUBSTITUTE
The CULPRIT code contains more than 20 nested USE parameters. Twenty is the limit.

Severity: E

Module: CULPUSE

C202002 TYPE=COPY INVALID ON SECONDARY IN CARD
In a CULPRIT run that consolidates tables, a secondary INPUT parameter specifies TYPE=COPY. CULPRIT automatically changes it to TYPE=CONSOL.

Severity: W

Module: CULPFIKL

C202003 TYPE=COPY REQUIRED FOR PRIMARY IN CARD
In a CULPRIT run that consolidates tables, the first INPUT card must specify the keyword expression TYPE=COPY.

Severity: W

Module: CULPFIKL

C202004 OPERAND EXCEEDS LIMIT OF 8 CHARACTERS
The names assigned to the following keyword expressions must be from 1 to 8 characters:

- CVMACH=
- DBNAME=
- DBNODE=
- DD=
- DICTNAME=

- DICTNODE=
- LOCATION=
- PW=
- SYSCTL=
- USER=

Severity: E

Modules: CULPFIKL
CULPIDB

C202005 **OPERAND EXCEEDS LIMIT OF 16 CHARACTERS**
The value assigned to the argument must be from 1 to 16 characters.

Severity: E

Modules: CULPFIKL
CULPIDB

C202006 **OPERAND EXCEEDS LIMIT OF 32 CHARACTERS**

The values assigned to the following keyword expressions must be from 1 to 32 characters:

- FN=
- LRFNAME=
- AREA=

Severity: E

Modules: CULPFIKL
CULPIDB

C202007 **OPERAND EXCEEDS LIMIT OF 64 CHARACTERS**
The name assigned to the TABLE= keyword expression must be from 1 to 64 characters in length. Check the name assigned in your code and resubmit the job.

Severity: E

Modules: CULPFIKL
CULPIDB

C202008 KEYWORD ONLY VALID FOR DATA TABLES

The CULPRIT code specifies a keyword that is valid only in runs that access a table. These include:

- AREA=
- CATALOG=
- CHANGE=
- COMMENT=
- COMMIT=
- DISPLAY=
- ERASE=
- LOAD=
- LOCATION=
- ONLINE=
- OWNER=
- SIZE=
- TABLE=
- TYPE=
- VALIDATE=

Severity: E

Modules: CULPFIKL
CULPIDB

C202009 KEYWORD ONLY VALID FOR PRIMARY DATA TABLE

The CULPRIT code specifies a keyword that is valid only when it is associated with the primary table in a run that consolidates tables.

Severity: E

Modules: CULPFIKL
CULPIDB

C202010 DATA TABLES REQUIRE TABLE= KEYWORD

The INPUT or OUTPUT parameters in a run that accesses tables must specify the keyword expression TABLE=, naming the table that you want to access.

Severity: E

Modules: CULPFIKL
CULPIDB

RANGE 300 MESSAGES

C300000 NO PARAMETER INPUT - JOB ENDED
CULPRIT detected no valid user parameters in the run. To evaluate this error, check the JCL.

Severity: F

C300001 INPUT PARAMETER MISSING
No INPUT parameters were encountered in the CULPRIT parameter stream. At least one INPUT parameter is required for a CULPRIT run.

Severity: F

C300002 REC PARAMETER IS MISSING
The user coded no REC parameters, and the data dictionary generated no REC parameters for the run. Code at least one REC parameter for every CULPRIT run.

Severity: F

C300003 EXTRACT NOT PERFORMED AT USERS REQUEST
This message confirms that the user requested that no extract be performed (that is, the user coded EX=NO on the PROFILE parameter).

Severity: I

C300004 EDIT PARAMETER MISSING
No type 5 edit parameter was entered for a report. CULPRIT requires at least one type 5 edit parameter for each report.

Severity: E

C300005 REPORT NUMBER IS INVALID
An illegal report number was specified on an input parameter or as an operand on an =COPY, =MACRO, or REPORT= instruction. Valid report numbers are 00 through 99. If the error occurs

in the REPORT= instruction, the invalid entry is underscored with asterisks.

Severity: E

C300006 CARD TYPE IS INVALID
A card type that cannot be identified by CULPRIT was encountered in the CULPRIT parameter stream.

Severity: E

C300007 FIELD NAME PREVIOUSLY DEFINED
A field name was encountered that duplicates the name of a previously defined field. Duplicate field names must be qualified by unique record names.

Severity: E

C300008 DUPLICATE INPUT PARAMETER
Two or more INPUT parameters have been entered for the same input file. Qualify each input file with a DD= keyword expression that points to a different input file.

Severity: F

C300009 INPUT RECORD SIZE IS INVALID
CULPRIT detected an invalid record size on an INPUT or KEYFILE parameter. The record size is a nonnumeric value, 0 (zero), or it exceeds the system limit of 32K.

Severity: F

C300010 LABEL TYPE IS INVALID
Either the label type specified on the INPUT parameter is N but the file type is not CARD or PS(TAPE) or the label is A but the file type is not PS. The invalid entry is underscored with asterisks.

Severity: F

C300011 EDIT INDICATORS GIVEN FOR A/N FIELD
Edit specifications other than size (that is, format, decimal, or user mask) were coded on an edit parameter for a field that is defined as alphanumeric. All such specifications are ignored.

Severity: W

C300012 RECORD TYPE IS INVALID
CULPRIT encountered an invalid record type on an INPUT or KEYFILE parameter. If a record type is coded, valid specifications are F, V, or U.

Severity: F

C300013 BLOCK SIZE MISSING OR INVALID
The block size on an INPUT or KEYFILE parameter is invalid, as described below:

- All users --
  - The size is a nonnumeric value.
  - The size is less than 12 for a tape file.
  - The size exceeds the system limit of 32K.
- VSE users only --
  - The size for a disk file exceeds the track capacity for the device type.
  - The size for a fixed-length record file is not an even multiple of the record size.

Severity: F

C300014 RECSIZE OR BLKSIZE WRONG FOR CARD FILE
VSE users only -- The record or block size for a card input file is invalid.

Severity: F

C300017 SPECIFIED DEVICE TYPE IS INVALID
CULPRIT encountered a request for a device type on an INPUT or KEYFILE parameter, but the device type is not known to the system. For a complete listing of valid device types, see the *CULPRIT Reference*.

Severity: F

C300018 ISAM KEY MISSING OR INVALID
The user requested ISAM file output, but the first sort key that was coded on the SORT parameter does not appear on a type 5 edit parameter.

Severity: F

C300019 E-LEVEL ERRORS - EXTRACT NOT PERFORMED
E-level errors occurred that prevent processing for all reports. Either no error-free reports exist or the PROFILE parameter does not indicate that error-free reports should be produced.

Severity: F

Range 300 Messages

C300020 DUPLICATE SORT CARD
CULPRIT encountered more than one SORT parameter for this report.

Severity: E

C300021 DUPLICATE OR INVALID FIELD POSITION
The system encountered a duplicate or invalid starting position on a REC or edit parameter:

- REC parameter -- The starting position is either nonnumeric or 0 (zero) for a non-match-file run.
- Edit parameter -- The starting position is a nonnumeric value, an invalid info-column, 0 (zero) for an alphanumeric field on a type 5 parameter, 0 (zero) on a type 4 or type 6 parameter, or a duplicate of the starting position that was specified on a previous edit parameter that has the same type and line number.

Severity: E

C300022 DATA TYPE IS INVALID
The system encountered an invalid or illegal data type on a REC parameter. For numeric field data types, code data types 1 through 5. Omit the data type on alphanumeric or GROUP REC parameters. For multiply-occurring fields, enter the data type on ELMNT REC parameters.

Severity: E

C300023 FIELD SIZE IS INVALID
The system encountered an invalid field size on a REC, KEYFILE, or edit parameter. The invalid field size is 0 (zero), nonnumeric, or greater than the sytem limit for the associated data type.

Severity: E

C300024 FIELD POSITION EXTENDS BEYOND RECORD
The sum of the starting position and the size of the data field placed part or all of the specified field beyond the end of the input record. CULPRIT does not read the data that extends beyond the end of the record. (This is an E-level message if it applies to a field on a type 5 or 6 edit parameter.)

Severity: W, E

C300025 DUPLICATE OUTPUT CARD

The system encountered more than one OUTPUT parameter for this report. Correct your CULPRIT code so that there is only one OUTPUT parameter for each report number.

Severity: E

C300026 OUTPUT FILE TYPE INVALID
The user coded an invalid file type or a file type with an invalid qualifier on an OUTPUT parameter.

Severity: E

C300027 CONTROL BREAK CODE INVALID
The system encountered an invalid break code for a sort key on a SORT parameter. Valid codes are:

- 1, 0, +, -, or a blank space -- Use these codes for printed reports or reports written through a user module.
- 1, +, or a blank space -- Use these codes for all other reports.

Severity: E

C300028 LINES/PAGE INVALID
An invalid LP= specification was coded on the OUTPUT parameter. The value either is nonnumeric or exceeds 32K. The invalid specification is underscored with asterisks when the error appears in the Sequential Parameter Listing.

Severity: E

Module: CULPOUKL

C300029 TOTAL/DETAIL NOT T, D, OR BLANK
On an OUTPUT parameter, the total/detail indicator is not T, D, or blank.

Severity: E

Module: CULPOUCH

C300030 OUTPUT RECORD SIZE INVALID
The user coded an invalid record size on an OUTPUT parameter; the record size is invalid for one of the following reasons:

- The specified size is nonnumeric or 0 (zero).
- The specified size exceeds either 32K (Release 10.2) or 4K (Releases prior to 10.2) for a nonprint file or 132 for a VSE print file.

- The specified size exceeds the track size of the disk device to which the output file is defined.

Severity: E

Module: CULPOUCH

C300031 RUN CANCELLED DUE TO INSUFFICIENT STORAGE
CULPRIT canceled the job due to insufficient storage to hold the module, table, or buffer named in subsequent messages. The continuation message indicates the additional number of bytes that are necessary to hold the entity. For more information on this message, see Section 5, "Abend Codes."

Severity: F

C300032 FIELD IS UNDEFINED
The user coded an invalid field on a CULPRIT parameter. This error can occur if the field is not defined or is defined incorrectly (for example, a misspelled field name) on a REC, work field definition, or implied subscript parameter.

Severity: E

C300033 SORT FIELD EXCEEDS PROGRAM CAPACITY
The combined size of all sort fields specified on the SORT parameter exceeds 240 bytes. Note that one byte per sort field is reserved for CULPRIT system use.

Severity: E

C300034 NO ENDING APOSTROPHE
A beginning apostrophe was found on a parameter, indicating that a literal will follow, but no ending apostrophe can be found. Note that two consecutive apostrophes with no intervening blank space (that is, '') do not constitute beginning and ending apostrophes.

Severity: E

C300036 SORT SEQUENCE UNSPECIFIED FOR ISAM OUTPUT
The user requested ISAM file output, but the ISAM key is not specified as the major sort field on the sort parameter.

Severity: E

C300037 DUPLICATE OR ILLEGAL TITLE PARAMETER
A duplicate or illegal type 3 title parameter was encountered in the CULPRIT parameter stream. Either the title parameter is not the first parameter encountered for the report or the number of characters in the title plus the 33 characters for report number, page, and date (40 characters if a time stamp

was requested) exceeds the record size that was specified on the OUTPUT parameter.

Severity: E

C300038 LINE NUMBER IS INVALID
The system encountered an invalid line number on a type 4, type 5, or type 6 edit parameter. Valid line number values are 1 through 8.

Severity: E

Module: CULP46CH

C300039 INCOMPATIBLE VERSIONS OF CULP0 AND CULL
The version number from CULP0 does not match the version number in CULL. Check your STEPLIB specifications in your JCL. Be sure to use CULP0 and CULL programs from the same release of CULPRIT.

Severity: F

Module: CULL

C300040 OVERLAPPING OUTPUT FIELDS
The user coded an output data field that overlaps the preceding output field on an edit parameter. The only output position that can overlap from one field to the next is a trailing sign on numeric data.

Severity: E

C300041 CARRIAGE CONTROL IS INVALID
The user specified an invalid spacing (that is, carriage control) character on a type 4, type 5, or type 6 edit parameter. Valid codes are: -, +, A, B, C, V, W, 0 through 9, or a blank space. The invalid character is underscored with an asterisk.

Severity: E

C300042 USER MUST OUTPUT FIELD WITH HEAD COMMAND
A field is referenced on a type 4 header edit parameter, but the field is not defined as a sort key field on the SORT parameter. Use the branch to HEAD instruction on a type 7 parameter to make the field available to the header line. This message prints whether or not such action is included in the procedure code.

Severity: W

C300043 USER MODULE NAME IS INVALID

CULPRIT detected an invalid user module name. The user coded UM on an OUTPUT parameter, but the module name is invalid because of one of the following conditions:

- The name is missing.
- The name is longer than 8 characters.
- The name is not enclosed in parentheses.

Severity: E

C300044 UNABLE TO CONTINUE COMPILATION DUE TO ERRORS

CULPRIT detected an internal table overflow. This error can occur if the current or previously processed parameters contain E-level or F-level errors. If the error condition occurs while CUPRIT is processing a parameter, that parameter may not be printed. Correct any E-level or F-level errors. Be sure that no errors are in the parameter that was to be processed after the last printed parameter, and resubmit the job.

Severity: E

C300045 TOTAL LINE FIELD IS INVALID

A field defined on a REC parameter was specified on a type 6 total edit parameter but was not named on a type 5 detail or SORT parameter. This field cannot be referenced in type 8 total-processing logic.

Severity: E

C300046 RESULT SEQUENCE IS INVALID

The user coded an invalid result field sequence number on a process definition parameter; the result field sequence number must be numeric.

Severity: E

C300047 FIELD 1 IS INVALID

The user coded an invalid value as the first operand of a type 7 or type 8 process definition parameter:

- The operand either is not defined or is defined incorrectly.
- The operand is an alphanumeric field that is used with an arithmetic instruction.
- The operand is a total-time reference to an alphanumeric field that is not a sort key or a work field.

- The operand is not a valid alphanumeric literal, numeric literal, or field name.
- The operand is a reserved word that is used improperly.

NOTE: The *CULPRIT Reference* contains a complete list of reserved words and keywords.

Severity: E

C300048 FIELD 2 IS INVALID

The user coded an invalid value as the second operand of a type 7 or type 8 process definition parameter:

- The operand is either not defined or is defined incorrectly.
- The operand is a total-time reference to an alphanumeric field that is not a sort key or a work field.
- The operand is a type of literal that is different from the field specified in field 1.
- The operand is an alphanumeric literal, and the operation code is an arithmetic function.
- The operand is EOF (that is, end-of-file), but the operation code is not valid. If EOF is specified the test operation must be EQ, NE, or one of their optional forms.
- The operand is not a valid alphanumeric literal, numeric literal, or field name.
- The operand is a reserved word that is used improperly.

NOTE: The *CULPRIT Reference* contains a complete list of reserved words and keywords.

Severity: E

C300049 RESULT FIELD IS INVALID

The user specified an invalid result field name on a process definition parameter. The invalid entry is underscored with asterisks. Possible causes of this error follow:

- Field 1 is PICK or UNPICK, but the result field name either is not a numeric literal or is an invalid line number.

- The result field name is a numeric literal, but the operation is not GOTO, PERFORM, B, IF, or a test.
- The result field name is ARG*n*, but either the operation is not a MOVE or the parameter is not a type 7 input procedure statement. The reserved word ARG*n* is valid only on a type 7 MOVE statement.
- The result field name is PAGE, but either the operation is not a MOVE or the parameter is not a type 8 total-procedure statement. The reserved word PAGE is valid only on a type 8 MOVE statement.
- The result field name is one of the reserved words TAKE, DROP, RELS, HEAD, STOP, STOP-RUN, STOP-RPT, DB-EXIT, or US00 through US99, and the operation is not a test or a branch.
- The result field name is not defined or is defined incorrectly.
- The operation is a PERFORM statement, but the result field is not a numeric sequence number.
- The operation is a BRANCH or test operation, but the result field name is not a numeric sequence number or a reserved word (that is, TAKE, DROP, and RELS for type 7 and type 8 parameters; HEAD, STOP, STOP-RUN, STOP-RPT, DB-EXIT, and US00 through US99 for type 7 parameters).
- The operation is a BRANCH, PERFORM, or test operation, but the result field exceeds the system limit of 999.
- The result field name is a reserved word that is used improperly.

NOTE: The *CULPRIT Reference* contains a complete list of reserved and keywords.

Severity: E

C300050 **BACKWARD SEQUENCE NUMBER REFERENCE MAY CAUSE LOOP**
The system encountered a process definition parameter whose result field is sequence number that identifies a process definition parameter that was already processed by the system. Processing continues, but check the logic to ensure that an infinite loop does not result.

Severity: W

C300051 OPERANDS ARE CONFLICTING DATA TYPES
The user coded operands of different data types on the same type 7 or type 8 process definition parameter. Both operands must be either numeric or alphanumeric.

Severity: E

C300052 DUPLICATE OR INVALID SEQUENCE NUMBER
The system encountered a duplicate or invalid sequence number on a type 7 or type 8 process definition parameter. This error can occur if the sequence number is nonnumeric, or if the sequence number was previously coded in the CULPRIT parameter stream.

Severity: E

C300053 OPERAND ILLEGAL WITH SPECIFIED OP CODE
CULPRIT detected an operand that conflicts with the operation code on a type 7 or type 8 process definition parameter. Possible causes of this error follow:

- An operation requires two operands, but one or both of the operands are missing.
- An operand is alphanumeric, but the operation code is arithmetic.
- An EOF (end-of-file) test is indicated, but the operation code is neither EQ (equal) or NE (not equal).

Severity: E

C300054 UNRESOLVED BRANCH LABEL *branch-label*

(CONT) DETECTED IN STATEMENT -- *internal-sequence-number*
The system encountered a branch operation code on a type 7 or type 8 process definition parameter, but the result sequence number does not exist. The continuation message names the internal sequence number of the statement where the unresolved branch occurred. To evaluate this error, review the statement with the indicated internal sequence number in the process definition parameters in the Input Parameter Listing.

Severity: E

C300055 E-LEVEL ERRORS - REPORT NOT PROCESSED
CULPRIT detected E-level errors that prevent processing for this report. To evaluate these errors, review the Sequential Parameter Listing and the Input Parameter Listing.

Severity: E

C300056 FATAL ERRORS - EXTRACT NOT PERFORMED
The system detected F-level errors that prevent processing of the input file. To evaluate these errors, review the Sequential Parameter Listing and the Input Parameter Listing.

Severity: F

C300057 FIELD NAME IS INVALID
The user coded an invalid name of a qualifying record name for a field. The entry is invalid because it exceeds the system limit of 32 characters, it does not contain at least one alphabetic character, or it begins or ends with - (a hyphen).

Severity: E

C300058 TOTAL ILLEGAL - DETAIL REPORT SPECIFIED
Type 6 or type 8 total-time parameters were encountered in the CULPRIT parameter stream, but the OUTPUT parameter indicates that only detail lines should be generated for this report.

Severity: E

C300059 NO VALID REPORT-SPECIFIC PARAMETERS
The system detected no report-specific parameters in this run. Each run must contain at least one type 5 edit parameter.

Severity: F

C300060 COMPARE FIELDS ARE UNEQUAL - SMALLER FIELD IS USED
The user coded two alphanumeric fields of different sizes as operands in a test operation. CULPRIT performs the test operation from left to right and ignores the excess right-most characters of the longer field.

Severity: W

C300061 MOVE FIELDS UNEQUAL-RESULT LENGTH USED
The user moved an alphanumeric field to a result field of a different length. CULPRIT executes the move, but truncates or pads the field, as follows:

- If the result field is shorter than the sending field, excess characters are truncated on the right.
- If the result field is longer than the sending field, spaces are added on the right.

Severity: W

C300062 STOP OR STOP-RUN TERMINATES ALL REPORTS

A STOP or STOP-RUN instruction was encountered on a type 7 input procedure parameter. When this instruction executes, the input file is closed and no further input records are available to any reports. The record being processed will be available to all reports, and an end-of-file (EOF) condition will be returned after all reports have seen that record.

Severity: W

C300063 ILLEGAL RESULT FIELD IN TOTAL PROCEDURE
The system detected an invalid result field on a type 8 total-procedure parameter. The following field types cannot be used as result fields on type 8 parameters:

- A sort-key field that is used in the same report
- A field that is defined on a REC parameter

Severity: E

C300064 FORMAT CODE IS INVALID
The user coded an invalid format code on an edit parameter. This error can occur if the number of digits exceeds the field size, or if the format code is not F*, F$, FN, FM, FP, FZ, F0 through F9, F-, FF, FC, FS, FU, FW, FB, or FD.

Severity: E

C300065 FIELD POSITION EXCEEDS BUFFER CAPACITY
A field position that extends beyond addressable space was specified on a REC or edit parameter. The maximum input buffer capacity is 32K; the maximum output capacity is 32K (for Release 10.2) or 4K (for releases prior to 10.2).

Severity: E

C300066 INVALID CONTROL RECORDS. CULP0/SORT NOT RUN
The parameter file that was input to the compile phase (that is, CULL step) contains invalid data. A probable cause of the problem is an error in the JCL for the precompile phase, the parameter sort phase, or the compile phase.

Severity: F

C300067 FIELD POSITION EXTENDS BEYOND RECORD
The sum of the starting position and the size of the data field placed part or all of the specified field beyond the end of the OUTPUT record defined on an OUTPUT parameter.

Severity: E

C300068 ERRORS DETECTED IN CULP0 STEP

CULPRIT detected errors in the precompiler phase (that is, CULP0 step) that prevent processing of the current report. This message prints during the compile phase (that is, CULL step).

Severity: E

C300069 MIXED POSITION DEFINITION

Both exact print positions and info-columns were specified on edit parameters that describe a single edit line. Only one type of position definition can be used for a given edit line.

Severity: E

C300070 OVERLAPPING AUTOMATIC HEADERS

The user specified auto-headers on edit parameters, but when the headers are centered over the data fields on the output report the auto-headers overlap. To correct this error, reduce the header length or increase the space between output fields and resubmit the job.

Severity: E

C300071 AUTO-HEADER EXTENDS BEYOND RECORD

The placement of an auto-header over a data field resulted in an invalid starting or ending position for the header of an output record. Check the headers that are coded for this field in the type 5 edit or REC parameters. Note that an attempt to center a long header over a field that is in a valid position may cause the header to extend beyond the beginning or end of the record.

Severity: E

C300072 INFO-COLUMNS EXTEND BEYOND RECORD

The sum of the widths of all info-column data exceeds the output record length.

NOTE: The width of an info-column is the maximum size of any header, detail, or total field that appears in that column. At least one space must be left at each margin and between each pair of columns.

Severity: E

C300073 DECIMAL POINT SPECIFICATION IGNORED

The user coded a decimal place specification (that is, DP=) on a field intended for use with a user edit mask (that is, the format code is FM). CULPRIT ignores the decimal place specification.

NOTE: The user can correctly code a decimal point in an edit mask (that is, FM 'Z,ZZZ,ZZ9.99').

Severity: W

C300074 **USER MASK MISSING OR INVALID**
An invalid user edit mask was requested on a type 4, type 5, or type 6 edit parameter.

Severity: E

C300075 **PRINTED OUTPUT RECORD SIZE EXCEEDS 132**
VSE users only -- The user coded a record size that exceeds the system limit of 132 characters for an output print file.

Severity: W

C300076 **TITLE PARAMETER FOR NON-PRINTED REPORT**
This message confirms that CULPRIT accepted a type 3 title parameter for nonprint output. The report title appears as the first record in the output file.

Severity: W

C300077 **PARAMETER HAS INVALID CHARACTER IN COLUMN 1**
An invalid nonblank character was coded in column 1 of an output parameter. The only characters that are allowed in this column are the continuation character (that is, *) and the equal sign (that is, =).

Severity: F

C300078 **F-LEVEL ERROR DETECTED IN CULPO STEP**
CULPRIT encountered an F-level error during the precompile phase (that is, CULPO step).

CULPO may also have produced messages of a lower severity level (for example, E level or W level) for this parameter.

Severity: F

C300079 **E-LEVEL ERROR DETECTED IN CULPO STEP**
CULPRIT detected an E-level error during the precompile phase (that is, CULPO step). CULPO may have also produced messages of a lower severity (for example, W level) for this parameter.

Severity: E

C300080 **W-LEVEL ERROR DETECTED IN CULPO STEP**
This message indicates that the system flagged the parameters that associated with the message in the precompile phase (that

is, CULPO step) with a severity-level W message. To evaluate this error, review the Sequential Parameter Listing.

Severity: W

C300081 ALPHA OR NUMERIC WORK FIELDS EXCEED 32K
The total storage requested for either global or report-specific alphanumeric or numeric work fields exceeds 32K. If the job contains two or more reports, split the job in two.

Severity: E

C300082 FATAL ERRORS DETECTED IN CULPO STEP
The system detected F-level errors in the precompile phase (that is, CULPO step). To evaluate these errors, review the Sequential Parameter Listing and the Input Parameter Listing.

Severity: F

C300083 GROUP ID IS INVALID
A group id was not properly coded on a GROUP REC or ELMNT REC parameter. The invalid id is underscored with asterisks.

Severity: F

C300084 GROUP ALREADY DEFINED
The group id specified on a GROUP REC parameter was specified for a previous group. Group ids must be unique.

Severity: F

C300085 GROUP ID NOT SPECIFIED
A GROUP REC parameter has no group id specification.

Severity: F

C300086 OCCURRENCE SIZE IS INVALID
CULPRIT detected an invalid group length on a GROUP REC parameter. This error can occur for singly-occurring and multiply-occurring groups, as follows:

- Singly-occurring groups -- The group length is nonnumeric or exceeds the system limit of 32K.
- Multiply-occurring groups -- The group length is nonnumeric or exceeds the system limit of 32K when multiplied by the number of occurrences.

Severity: F

C300087 NUMBER OF OCCURRENCES MISSING
The system encountered no occurrence count specification on a GROUP REC parameter. A possible cause of this error is that a period does not immediately precede the specification.

Severity: F

C300088 NUMBER OF OCCURS IS INVALID
The user coded an occurrence count specification on a GROUP REC parameter; the specification is invalid for one of the following reasons:

- The specification is nonnumeric.
- The specification exceeds the system limit of 32K.
- The specification exceeds the value of the record length when multiplied by the value of the group length.

Severity: F

C300089 LINK GROUP UNDEFINED *link-group-id*
The user coded *link-group-id* on a GROUP REC parameter, but the entry was not defined correctly as a group id on a previous GROUP REC parameter.

Severity: F

C300090 DEPENDING ON FIELD UNDEFINED FOR GROUP *group-id*
The field name that was specified on a GROUP REC parameter as the occurrence count for a multiply-occurring input field is invalid; the field name either was not defined or was defined incorrectly in the fixed portion of the input record.

Severity: F

C300091 DEPENDING ON FIELD NOT FIXED FOR GROUP *group-id*
The field name that was specified on a GROUP REC parameter as the occurrence count for an multiply-occurring field is invalid; the field was not defined in the fixed portion of the input record (that is, the portion with an absolute starting location within the record).

Severity: F

C300092 SYMBOL NAME PREVIOUSLY DEFINED
The user coded a base field name on a type 15 implied subscript parameter, but that parameter was previously defined. The base field name is either a name that was defined on an implied subscript parameter or an element of a group that was referenced on an implied subscript parameter.

Severity: E

C300093 SUBSCRIPT IS NOT A NUMERIC WORKFIELD
The user referenced a multiply-occurring field on a type 6 or type 8 total-time parameter. The subscript that references the field is neither a numeric work field nor an absolute numeric value. The subscript cannot be a sort key or a type 5 field parameter.

Severity: E

C300094 REFERENCE MUST USE SUBSCRIPT PARAMETER
The user referenced a field without a subscript on an input parameter, but the field was defined in a multiply-occurring group on an ELMNT REC parameter. To correct this error, use a subscript to reference the field that is defined in the multiply-occurring group.

Severity: E

C300095 SUBSCRIPT IS NOT NUMERIC
The system encountered a nonnumeric subscript in the CULPRIT parameter stream. To correct this error, use either a numeric literal or a numeric work or input field as a subscript.

Severity: E

C300096 SUBSCRIPT REFERENCE OUTSIDE USER AREA
CULPRIT encountered an invalid subscript value at compile time. The entry is invalid because the subscripted field referenced an area in storage that is outside the defined limits for this type of data.

Severity: E

C300097 GROUP NOT DEFINED
A group id was specified on an implied subscript parameter, but the group id either is not defined on a REC parameter or is not system generated for database input.

Severity: E

C300098 GROUP ALREADY HAS SUBSCRIPT
The user identified a group on an implied subscript parameter with a subscript, but the group that was identified was previously assigned a subscript index. Only one implied subscript parameter can be defined for each group.

Severity: E

C300099 NON-NUMERIC DUPLICATION FACTOR

The number of occurrences specified on a work field definition parameter is not numeric.

Severity: E

C300100 SUBSCRIPT MAY NOT BE SUBSCRIPTED

CULPRIT detected an invalid subscripted field; this error can occur for one of the following reasons:

- The user defined the subscript field as an implied subscript parameter.
- The user defined the base field to be subscripted as a reference field on an implied subscript parameter.
- The user defined the subscript as an element of a group that has an implied subscript.
- The user defined the base that has an implied subscript as an element of a group that has an implied subscript.

Severity: E

C300101 DEPENDING ON FIELD NON-NUMERIC FOR GROUP *group-id*

The field name that was specified on a GROUP REC parameter as the occurrence count for a multiply-occurring input field is invalid; the field was defined as alphanumeric.

Severity: F

C300102 NON MULTIPLY-OCCURRING INPUT FIELD

An input field that is not multiply-occurring was referenced on a type 15 implied subscript parameter.

Severity: E

C300103 CALCULATED LRECL EXCEEDS FILE SPECIFICATION

CULPRIT detected an error in the record length in the JCL. The record length for SYS006 (that is, the extracted-items file) is not large enough to hold a record extracted to that file or to SYS008 (that is, the no-sort extracted-items file) for the current report. To correct this error, calculate LRECL as the sum of the following, rounded to a multiple of 4 with a minimum of 256 bytes:

- The combined length of all of the SORT values. For information on the number of bytes for each sort key, refer to the *CULPRIT Reference*.
- The maximum number of bytes in one detail line.

Note that the calculated record length does not have to be precise, but LRECL must be larger than the longest record.

Severity: E

C300104 REC LENGTH OF EXTRACT FILE LESS THAN MINIMUM
The user specified a record length in the extract phase (that is, CULL step) for the extracted-items file (that is, SYS006) that is less than the system minimum of 256 bytes. To correct this error, modify the JCL and resubmit the job.

Severity: F

C300107 GENERATED CODE EXCEEDS 32K
The code CULPRIT generates for type 7 and type 8 logic exceeds CULPRIT's internal limits. If the code contains two or more reports, split the code and submit two separate jobs.

Severity: F

C300108 TITLE IS TRUNCATED
The user coded a report title on a type 3 title parameter that exceeds the system limit of 50 characters; CULPRIT truncates the trailing characters.

Severity: W

C300109 INVALID SIZE OR DP SPECIFICATION FOR SUBSCRIPT
The user coded an invalid size or DP= specification; this error can occur for one of the following reasons:

- CULPRIT detected a user-defined or internally generated type 15 parameter that specifies a subscript field, but the field definition for the subscript includes a DP= specification.
- CULPRIT detected a user-defined or internally generated type 15 parameter that specifies a subscript field, but the field definition implies a value that contains more than 15 digits.

Severity: E

C300110 SELECT SPECIFIES WRONG FILE
The user coded a SELECT/BYPASS parameter that referenced a REC parameter, but the REC parameter could not be found on that file. This error can occur if a SELECT parameter is misplaced or if an entry is misspelled on the REC parameter.

Severity: F

C300111 DEPENDING ON FIELD DECIMAL OR TOO LONG

The user specified an OCCURS DEPENDING ON field on a GROUP REC parameter and the REC parameter that defines the field contains a DP= specification or its size and data type specify a field with more than 15 digits.

Severity: F

C300112 MINIMUM POSSIBLE RESULT EXCEEDS LIMIT

Because of the number of decimal places that was specified in the operands and the quotient of a divide operation on a type 7 or type 8 parameter, the quotient will always contain more than 31 digits. To circumvent this problem:

- Move the values to work fields that have fewer decimal places, before specifying a DIVIDE operation
- Specify fewer decimal places for the operands and the quotient

Severity: E

C300113 RESULT WILL BE ZERO

Because of the number of decimal places that are assigned to the operands and the product of a multiplication operation, the product will always be 0 (zero) when rounded or truncated to the requested number of decimal places.

Severity: W

C300114 ILLEGAL DECIMAL POINT SPECIFICATION

CULPRIT encountered an error in an explicit decimal place specification on an edit parameter. This error can occur if the explicit decimal place specification exceeds the implied or explicit output field size or if the explicit decimal place specification exceeds the maximum value permitted for the specified format code.

Severity: E

C300115 INPUT DECIMAL SPECIFICATION IGNORED

On an edit parameter, the user specified a format code that implies that decimal places will not appear in output, but the number of decimal places specified on a REC or work field parameter is a value other than 0 (zero). CULPRIT treats the field as an integer value on output; no decimal alignment is performed.

Severity: W

C300116 EDIT LITERALS EXCEED LIMIT
CULPRIT ran out of space to store literals on type 5 and type 6 parameters for a given report; the amount of storage that is required exceeds the system limit of 4K. To circumvent this problem, assign some of the literal values to alphanumeric work fields and specify the work fields on type 5 or type 6 parameters.

Severity: E

C300118 FIELD SIZE EXCEEDS LIMIT FOR B HEAD
CULPRIT detected a field on a type 4 edit parameter that was not defined as a sort key. The system expected the defined field to be delivered through the B HEAD instruction on a process definition parameter, but the specified field size exceeds the system limit of 100 bytes for such fields.

Severity: E

C300119 PROFILE OPTION IN EFFECT: RELEASE = *release-number*
This message indicates the release mode that is in effect. The value in *release-number* is either 5 or 6. If RELEASE= was not coded on the PROFILE parameter, CULPRIT uses the value that was set at installation time.

Severity: I

C300120 FIELD SIZE EXCEEDS LIMIT FOR CONVERT
An error occurred on a type 7 or type 8 process definition parameter for a convert operation. The field size exceeds the system limit of 33 characters for the alphanumeric source.

Severity: E

C300121 UNDEFINED GROUP ID - *group-id*
The user coded the indicated group id on an ELMNT REC parameter, but no GROUP REC parameter with that group id was found. To correct this error, code a GROUP REC parameter with the indicated group id to define a multiply-occurring block of data and resubmit the job.

Severity: F

C300122 CULP HAS CORRECTED YOUR COLUMN SPECIFICATION
For CULPRIT jobs that specify TYPE=CREATE, ADD, or REPLACE on the OUTPUT parameter, CULPRIT overrides the user's absolute column positions if the positions are incorrect. CULPRIT forces the columns to be contiguous.

Severity: W

Module: CULLIDB

C300123 SZ= HAS BEEN REDUCED TO COLUMN LENGTH ON TABLE
For CULPRIT jobs that specify TYPE=ADD or REPLACE on the OUTPUT parameter, CULPRIT automatically truncates or pads the text fields that specify SZ= so that the field length matches the column definition.

Severity: W

Module: CULLIDB

C300124 TABLE SUCCESSFULLLY GENERATED
For a CULPRIT run that accesses tables and specifies CREATE or GENERATE on the OUTPUT parameter, CULPRIT prints a message that indicates the table has been successfully generated.

Severity: I

Module: CULLIDB

RANGE 350 MESSAGES

C350002 ISAM READ - BLOCK COULD NOT BE REACHED
MVS users only -- The user requested ISAM file access, but the operating system encountered an unrecoverable error either while searching for the indexes or while following an overflow chain. To evaluate this error, examine the file.

Severity: F

Module: CULLISAM

C350003 ISAM READ - CULPRIT SYSTEM ERROR
MVS users only -- The user submitted an ISAM file, but a faulty calling sequence exists between CULPRIT and the input module. Obtain a dump and contact Cullinet Technical Support.

Severity: F

Module: CULLISAM

C350004 SORT CONTROL MODEL STATEMENTS INVALID

(CONT) EXECUTION UNLIKELY. FILES CLOSED.
The module CULLSRTC either was modified incorrectly or could not be located by CULPRIT. Consult the software support staff at your installation.

Severity: F

Module: CULLEXT

C350006 UNSPECIFIED SORT CONTROL PARAMETER *field-description*

(CONT) PROCESSING CONTINUES.
The parameter field *&&n* that was identified by *field-description* is missing in the CULLSRTC module. Unless a non-standard sort package is used, this error will cause the subsequent sort to fail. If the sort fails, consult the software support staff at your installation.

Severity: W

Module: CULLEXT

C350008 DUPLICATED SORT CONTROL PARAMETER *field-description*
The specified parameter field is invalid in the CULLSRTC module. This error will cause the subsequent sort to fail unless a nonstandard sort package is used. If the sort fails, contact the software support staff at your installation.

Severity: W

Module: CULLEXT

C350009 EXTRACT RECORD LENGTH EXCEEDS BLOCKSIZE FOR *ddname/file-name*
VSE users only -- The record length of the extract phase (that is, CULL step) extracted-items file exceeds the block size that was defined for that file in the system profile CSECT (that is, CULXPROF). To correct this error, reassemble CULXPROF to increase the limit, or reduce the number of fields on the edit lines. For more information on reassembling CULXPROF, see the *Cullinet System Software -- Integrated Installation Guide*.

Severity: F

Module: CULLEXT

C350010 LOGIC ERROR. DCBLRECL EXCEEDED BY CULL

(CONT) CONTACT CULLINET SOFTWARE
MVS users only -- The record length of the extracted-items and statistics file exceeds the LRECL value specified in the SYS006 or SYS008 DD statement. CULPRIT abends with a return code of 101. To correct this error, modify the JCL as follows:

- If a sort is performed on the extracted data, round up the LRECL round up to the nearest multiple of 4 the LRECL LRECL that is associated with SYS006.

- If no sort is performed on the extracted data, round up to the nearest multiple of 4 both the LRECL that is associated with SYS006 and the LRECL that is associated with SYS008.

Severity: F

Module: CULLEXT

C350012 NOSORT DATASET IS A NULLFILE
MVS users only -- The unsorted extracted-items file (that is, SYS008) was defined as a dummy file in the JCL, but one or more reports either specified the NOSORT option on the SORT patameter or did not include a SORT parameter. If any report in a CULPRIT run does not sort the extracted items, assign a temporary data set to SYS008.

Severity: F

Module: CULLEXT

C350013 DCBLRECL DIFFERS FROM SPECIFIED RECORD SIZE FOR *file-name*

(CONT) DCBLRECL = *dcblrecl*

(CONT) SPECIFIED RECORD SIZE = *record-size*

(CONT) SHORTER LENGTH USED
MVS users only -- A record was input that is either longer or shorter than the record size specified on the INPUT parameter. If the record is longer, the record is truncated; otherwise, the record is moved into the buffer and the contents of the remainder of the buffer remain unchanged.

Severity: W

Module: CULLSEQ

C350017 VSAM SYNAD *synad-error-text*

(CONT) FILE CLOSED DUE TO I/O ERROR
A physical I/O error occurred on the VSAM input file. The system provides the portion of the SYNAD error message that can be printed and closes the file. For more information on handling I/O errors, consult the appropriate VSAM documentation for your installation.

Severity: F

Module: CULLVSIN

C350018 LOGIC ERROR ON VSAM READ

(CONT) FILE CLOSED DUE TO I/O ERROR
A GET instruction for a VSAM input file resulted in an I/O error. Due to the error, the VSAM input file is closed.

Severity: F

Module: CULLVSIN

C350020 UNABLE TO OPEN INPUT FILE. GENCB OR MODCB FAILURE
A nonzero return code was returned by VSAM for a GENCB macro or MODCB macro requesting an EXLIST, ACB, or RPL block. For VSE users, the probable cause of this error is insufficient virtual storage to process the request. Resubmit the job with a smaller SIZE parameter on the EXEC card for the extract phase (that is, CULL step).

Severity: F

Module: CULLVSIN

C350021 I/O ERROR ON OPEN
CULPRIT returned a nonzero return code from a request to open a VSAM input file.

Severity: F

Module: CULLVSIN

C350022 UNABLE TO CLOSE VSAM INPUT FILE
A nonzero return code was returned to Register 15 by VSAM close-file processing. Check the JCL for errors and resubmit the job.

Severity: F

Module: CULLVSIN

C350023 INVALID NUMERIC DATA ENCOUNTERED IN REPORT *report-number*
A data exception occurred in an arithmetic or edit operation for the indicated report. CULPRIT treats the invalid field as though its value were 0 (zero) and continues to process the report. This message can occur because:

- The field does not contain the type of data that was specified on the REC parameter
- The result of a multiplication operation contains more than 30 digits

For more information on this message, see Section 4, "Extended Error Handling Facility."

Severity: *

Module: CULLERR

C350024 **OVERFLOW OCCURRED DOING ARITHMETIC IN REPORT** *report-number*

The system encountered an overflow condition during an add, subtract, or multiplication operation for the indicated record. The result of the operation (after a possible shift for decimal alignment) contains too many digits to fit in the result field. CULPRIT ignores the overflow (that is, high-order digits are lost) and processing continues. For more information on this message, see Section 4, "Extended Error Handling Facility."

Severity: *

Module: CULLERR

C350025 **DECIMAL DIVIDE EXCEPTION IN REPORT** *report-number*

A divide exception occurred in a division operation in a type 7 or type 8 procedure statement. The quotient is set to 0 (zero). This error can occur in a type 7 or type 8 procedure statement, as follows:

- Type 7 procedure statement -- If the error occurred in a type 7 statement, the error message appears as part of an extended error-handling message.
- Type 8 procedure statment -- If the error occurred in a type 8 statement, the error message appears on the body of the report at the place where the error occurred.

A divide exception can occur during a division operation if any of the following conditions apply:

- The divisor is 0 (zero).
- The divisor contains more than 15 significant digits.
- The dividend contains more than 30 digits; this can occur after decimal place adjustment.
- The quotient contains more than 15 significant integer digits, but the result is an 8-byte work field.

For more information on this message, see Section 4, "Extended Error Handling Facility."

Severity: *

Module: CULLERR

C350026 INVALID SUBSCRIPT VALUE USED IN REPORT *report-number*
An invalid subscript value was encountered in the indicated report; the value is either 0 (zero) or negative, or it caused CULPRIT to search beyond the area known to contain all occurrences of the fields being referenced. Processing cannot continue. For more information on this message, see Section 4, "Extended Error Handling Facility."

Severity: *

Module: CULLERR

C350027 INVALID USE OF PERFORM IN REPORT
The system encountered nested PERFORM statements in the type 7 input procedure code for the indicated report. The report terminates. For more information on this message, see Section 4, "Extended Error Handling Facility."

Severity: *

Module: CULLERR

C350028 INVALID USE OF RETURN IN REPORT *report-number*
A RETURN statement was encountered in type 7 input procedure code at execution time, but the section of code that contains the RETURN statement was not reached with a PERFORM statement. Processing cannot continue. For more information on this message, see Section 4, "Extended Error Handling Facility."

Severity: *

Module: CULLERR

C350029 INVALID USE OF DB-EXIT IN REPORT *report-number*
The user invoked a DB-EXIT call, but the input module does not support the DB-EXIT facility. For more information on this message, see Section 4, "Extended Error Handling Facility."

Severity: *

Module: CULLERR

C350032 DATA ERRORS IN USER PROCEDURE MODULE HAVE EXCEEDED *error-limit*
The number of data errors that were encountered exceeds the default or user-supplied limit for nonnumeric data errors in user procedure modules. Further errors of this type will not be reported; appropriate error-recovery action will be taken.

For more information on this message, see Section 4, "Extended Error Handling Facility."

Severity: *

Module: CULLERR

C350033 NUMBER OF EXTRACT DATA ERRORS HAS EXCEEDED *error-limit*

The default or user-specified error limit for numeric data errors in type 7 input procedure code, in the processing of sort fields (and/or fields on type 4 or type 5 edit parameters), was exceeded. Further errors of this type will not be reported; appropriate error-recovery action will be taken. For more information on this message, see Section 4, "Extended Error Handling Facility."

Severity: *

Module: CULLERR

C350034 REPORT HAS BEEN TERMINATED

Because of the errors reported by previous error messages, processing for the report cannot continue.

Severity: *

Module: CULLERR

C350035 DATA ERRORS IN INPUT MODULE HAVE EXCEEDED *error-limit*

The number of data errors that were encountered exceeds the default or user-supplied limit for nonnumeric data errors in input modules. Further errors of this type will not be reported; appropriate error-recovery action will be taken. For more information on this message, see Section 4, "Extended Error Handling Facility."

Severity: *

Module: CULLERR

C350036 RUN TERMINATED

Because of errors reported by the previous error messages, processing for the run cannot continue.

Severity: *

Module: CULLERR

C350037 MESSAGES SUPPRESSED UNTIL END OF FILE

(CONT) MOST RECENT SUBSCRIPT VALUE *nn*

(CONT) INPUT BUFFER NUMBER *nn*

(CONT) ERROR OCCURRED DURING PROCESSING *parameter-type*
CULPRIT exceeded a default or user-supplied error limit and does not report more errors of that type until the end of input-file processing.

CULPRIT also prints the value of the last subscript referenced before the interrupt, the input buffer count at the time of the interrupt, and a message that identifies the area of processing in which the interrupt occurred.

Severity: *

Module: CULLERR

C350041 PROGRAM CHECK OCCURRED DURING EXECUTION OF INPUT/USER PROCEDURE MO

(CONT) MODULE IN REPORT *report-number*
This message confirms that a program check occurred in the indicated module. For more information on this message, see Section 4, "Extended Error Handling Facility."

Severity: *

Module: CULLERR

C350043 UNIDENTIFIABLE PROGRAM CHECK HAS OCCURRED

(CONT) ABEND CODE
CULPRIT invoked the extended error-handling routine to process a decimal overflow, decimal divide, or data error, but the routine cannot identify the type of code being processed (that is, CULPRIT main code, a user input module, a user procedure module, or a DB-EXIT call). The run terminates. This is an internal system error. For assistance, call Cullinet Technical Support.

Severity: *

Module: CULLERR

C350045 INTERNAL ERROR - RECOVERY CANNOT CONTINUE
CULPRIT invoked the extended error-handling routine but was unable to follow the normal recovery procedure. This is an

internal system error. For assistance, call Cullinet Technical Support.

Severity: *

Module: CULLERR

C350046 PROGRAM CHECK INTERRUPT

(CONT) PSW AND REGS 0 - 15 ARE FORMATTED BELOW

(CONT) RECORD BUFFER DUMP

(CONT) WORKFIELDS AT TIME OF INTERRUPT *work-field-name*

(CONT) RESULT CLEARED DUE TO INDETERMINATE CONDITION

A program check occurred in the output phase (that is, CULE step). Associated messages identify the problem and the action to be taken by the run-time Extended Error-handling Facility:

- CULPRIT prints a formatted listing of the PSW and the registers at the time a SPIE/STIXIT occurred. The listing is followed by a core dump.
- CULPRIT prints the contents of the record buffer at the time of the interrupt.
- CULPRIT prints work fields of the specified type.
- CULPRIT sets the result field to 0 (zero) as the type of instruction causing the interrupt could not be determined or simulated.

For more information on this message, see Section 4, "Extended Error Handling Facility."

Severity: F

Module: CULLERR

C350051 INVALID NUMERIC DATA IN MATCH KEY FIELD

The system detected a data exception while processing a numeric match-key field. The value of the invalid field is treated as though it were the largest possible negative number for match-file processing; processing continues. For more information on this message, see Section 4, "Extended Error Handling Facility."

Severity: *

Module: CULLMTCH

C350052 NUMBER OF MATCH KEY NUMERIC ERRORS HAS EXCEEDED *error-limit*
The default or user-specified limit for numeric data errors in match-key fields was exceeded. Further errors of this type will not be reported; appropriate error recovery action will be taken. For more information on this message, see Section 4, "Extended Error Handling Facility."

Severity: *

Module: CULLMTCH

C350053 RUN TERMINATED AT USER REQUEST
This message confirms that a default or user-supplied error limit was exceeded and that the action keyword specified on the PROFILE parameter for this type of error is either ABEND or CANCEL. End-of-run statistics follow the message.

Severity: *

Modules: CULLMTCH
CULLERR

C350055 NUMBER OF RECORDS RETURNED FOR -- *ddname/filename*
This end-of-file statistic from the match-file facility indicates the number of records that were returned (that is, those passing the selection criteria, if any) for the named input file.

Severity: *

Module: CULLMTCH

C350056 NUMBER OF INVALID MATCH KEYS -- *match-key-count*
This end-of-match statistic from the match-file facility prints only if the number is not 0 (zero).

Severity: *

Module: CULLMTCH

C350057 NUMBER OF RECORDS OUT OF SEQUENCE -- *record-count*
This end-of-file statistics from the match-file facility prints only if the number is not 0 (zero).

Severity: *

Module: CULLMTCH

C350058 AN OUT OF SEQUENCE CONDITION HAS ARISEN

(CONT) INPUT FILE IS *input-file-number*

(CONT) RECORD NUMBER IS *record-count*

(CONT) KEY POSITION IS *match-key-position*

(CONT) KEY DATA TYPE IS *match-key-data-type*

(CONT) STARTING BIT AND NUMBER OF BITS -- *bit-values*

(CONT) KEY LENGTH IS *match-key-length*

(CONT) RECORD IS NOT IN BUFFER

(CONT) START POSITION WITHIN BUFFER *buffer-position*
A sequence error has been detected in a match-key field. CULPRIT prints additional messages that indicate which match-key field is in error and in which record number it occurred. For more information on this message, see Section 4, "Extended Error Handling Facility."

Severity: *

Module: CULLMTCH

C350059 NUMBER OF SEQUENCE ERRORS HAS EXCEEDED *me-error-limit*

(CONT) INPUT FILE IS *input-file-number*

(CONT) RECORD NUMBER IS *record-count*

(CONT) KEY POSITION IS *match-key-position*

(CONT) KEY DATA TYPE IS *match-key-data-type*

(CONT) STARTING BIT AND NUMBER OF BITS -- *bit-value*

(CONT) KEY LENGTH IS *match-key-length*

(CONT) RECORD IS NOT IN BUFFER

(CONT) START POSITION WITHIN BUFFER *buffer-position*
CULPRIT detected more than 25 errors (that is, the system limit) in a match-file sequence. For each error that occurs, CULPRIT prints additional information that indicates the match key and record number for which the error occurred. Further errors of this type will not be reported; appropriate error-recovery action will be taken. For more information on this message, see Section 4, "Extended Error Handling Facility."

Range 350 Messages

Severity: *

Module: CULLMTCH

C350068 ERROR ON OPEN
An open error occurred while CULPRIT was trying to read an input file. Check your specifications on the INPUT parameter and JCL statement that define the file.

Severity: *

Modules: CULLMTCH
CULLJRNL

C350069 I/O ERROR ON READ
An I/O error occurred while CULPRIT was trying to read an input file. Check your specifications on the INPUT parameter and the JCL statement that define the file.

Severity: *

Modules: CULLMTCH
CULLJRNL

C350070 RECORD SIZE IS GREATER THAN *record-size*
A variable-length record that is longer than the maximum record specified on the INPUT parameter was encountered on the input file. The run terminates with an abend code of 33. For more information on this message, see Section 5, "Abend Codes."

Severity: *

Module: CULLMTCH

C350071 MATCH ERROR ON FILE *ddname/filename*
An open or I/O error occurred on the named input file in a match-file run. CULPRIT prints additional messages following this one that describe the error further.

Severity: *

Module: CULLMTCH

C350072 INTERRUPT DURING EXECUTION OF INPUT MODULE FOR *ddname/filename*
A program check interrupt occurred during processing by an input module for the indicated file in a match-file run.

Severity: *

Module: CULLMTCH

C350073 INEXPLICABLE ERROR DURING CULLMTCH
This is an internal system error that occurred during the match process in the extract phase. Call Cullinet Technical Support.

Severity: *

Module: CULLMTCH

C350074 INPUT FILES ARE BEING SINGLE BUFFERED
VSE users only -- One or more input files cannot be double buffered, due to limited storage. If a single buffer fits, the run will continue but performance may be downgraded. Available memory can be increased by relinking CULL and increasing the size specified after PHASE CULLWORK.

Severity: *

Module: CULLMTCH

C350075 EXTRACT TERMINATED AT USERS REQUEST
A default or user-supplied error limit was exceeded, and the action keyword that was specified on the PROFILE parameter for this type of error is STOP. End-of-file statistics follow this message. Output reports will be produced on any data that was extracted up to this point.

Severity: *

Modules: CULLMTCH
CULLERR

C350078 UNKNOWN ERROR IN SELECT MODULE - RUN TERMINATED
CULPRIT invoked the Extended Error Handling Facility routine to handle an error that occurred during selection logic. CULPRIT eliminated an invalid subscript or invalid numeric data as the possible causes of the problem. This is an internal system error. Contact Cullinet Technical Support.

Severity: *

Module: CULLSEL

C350079 INVALID NUMERIC DATA IN SELECTION PROCESS

(CONT) SELECTION CONDITION REFERENCE NUMBER
reference-number

(CONT) INPUT RECORD NUMBER
CULPRIT encountered a data exception while processing a SELECT/BYPASS parameter. The tested value is set to low values for the currert test (that is, the largest possible nega-

tive number, or hexadecimal 0s (zeros) for alphanumeric multiply-occurring fields referenced in a subscript that contains invalid numeric data), and processing continues.

CULPRIT also prints an additional message that indicates the number of the input record that was being processed when the data exception occurred.

For more information on this message, see Section 4, "Extended Error Handling Facility."

Severity: *

Module: CULLSEL

C350082 INVALID SUBSCRIPT VALUE IN SELECTION PROCESS

(CONT) SUBSCRIPT IS INVALID FOR FIELD ONE

(CONT) SUBSCRIPT IS INVALID FOR FIELD TWO

(CONT) FIELD ONE AT TIME OF INTERRUPT **INVALID**

(CONT) RECORD AT TIME OF INTERRUPT

(CONT) FIELD TWO AT TIME OF INTERRUPT

An invalid subscript value was coded on a SELECT/BYPASS parameter; the value is either negative or nonnumeric. Processing of the current report cannot continue.

CULPRIT prints additional information that indicates which field in the WHERE clause is invalid. CULPRIT also prints the contents of the invalid field and the record in the CULPRIT input buffer in hexadecimal format.

For more information on this message, see Section 4, "Extended Error Handling Facility."

Severity: *

Module: CULLSEL

C350089 MORE THAN 999,999,999 INPUT RECORDS READ

CULPRIT read more than 999,999,999 input records. CULPRIT continues to process, but prints invalid end-of-file (EOF) statistics.

Severity: W

Module: CULL

C350090 RECORD SIZE GREATER THAN SPECIFIED MAXIMUM
While reading an IDMS journal file, CULPRIT encountered a record that is larger than the maximum record size that was defined on the INPUT parameter. To correct this error, use the value of the journal block size for the record type.

Severity: W

Module: CULLJRNL

RANGE 400 MESSAGES

C400001 ILLEGAL FORMAT FOLLOWING FILE
The file appears on a HIR card with an invalid qualifier. A qualifier must consist of a parenthetical expression following the file name. The first file (entry file) on a HIR card may not have any qualifying entries, except for a 1-digit control field sequence number. A variable file may have one of the following:

- An optional path id (2 characters in length)
- A designated linkage path (8 characters in length)
- Both, in either order, separated by a comma

Severity: E

Module: CULLTCLR

C400003 READ ERROR

(cont) STATUS *ssss*

(cont) CONTROL *cccccccc*
This messages results from a TOTAL/CULPRIT dictionary read error. It is followed by status and control information about the TOTAL database. To correct this error, see your DBA.

Severity: E

Module: CULLTCLR

C400006 ILLEGAL OR NO S*ID SPECIFIED
The HIR parameter must be followed by a space, a 2-character path id, and another space. Correct the entry after the HIR parameter and try the report again.

Severity: E

Module: CULLTCLR

C400007 FILE NOT FOUND IN HIR ENTRIES
A field was referenced that does not belong to any file specified on any HIR parameter.

Severity: E

Module: CULLTCLR

C400008 *ffff* FILE NOT FOUND IN DICTIONARY *ssss*
File *ffff* was specified on a HIR card but could not be found in the TOTAL/CULPRIT dictionary. *Ssss* is the TOTAL status code for the read operation.

Severity: E

Module: CULLTCLR

C400009 NON TOTAL FILE *ffff* ILLEGAL IN PATH
Non-TOTAL file *ffff* was specified illegally on a HIR parameter. Check the TOTAL/CULPRIT dictionary to obtain the correct spelling of the file name.

Severity: E

Module: CULLTCLR

C400010 NO LINKAGE DEFINED FROM *ffff* TO *gggg*
The description of file *ffff* in the TOTAL/CULPRIT dictionary contains no information about linkage to *gggg*. Check the TOTAL/CULPRIT dictionary under the KEYS/LINKS column to correct this error.

Severity: E

Module: CULLTCLR

C400011 DICTIONARY READ ERROR ON KEY NAME *ssss*
A control-field name was specified on a KEY parameter, but information about the field cannot be read from the TOTAL/CULPRIT dictionary. *Ssss* is the TOTAL status code.

Severity: E

Module: CULLTCLR

C400012 CANNOT OPEN (CLOSE) SUPPORT FILE *ffff-ssss*
TOTAL/CULPRIT cannot open (or close) file *ffff*. The status code is *ssss*. Call your database administrator.

Severity: E

Module: CULLTCLR

C400013 KEY VALUES SUPPLIED OVERFLOW KEY TABLE
More key values have been specified via KEY parameters than can be accommodated by TOTAL/CULPRIT's internal tables. Put the key values in a sequential key file to correct this error.

Severity: E

C400014 NON NUMERIC ENTRY FOR *ffffffff*
Ffffffff identifies a KEY file field that must have a numeric value, but does not. The value must include leading zeros.

Severity: E

Module: CULLTCLR

C400015 TABLE OVERFLOW *tttttttt*
Tttttttt is the name of a CULLTCLR table that is completely filled. Tasks to consider before recompiling the code to increase the table size follow:

- If the ITEMDEF table overflows, define more fields to the TOTAL/CULPRIT dictionary to decrease the number of user-supplied REC parameters.
- If possible, use the same work-field names for both extract and total processing.
- If the ITEMUDEF table overflows, use override REC parameters at run time to decrease the number of field definitions CULPRIT must look up.

Severity: E

Module: CULLTCLR

C400016 KEY NAME NOT KEY OF BASE FILE
The control field name specified on the KEY parameter either does belong to the entry file on the HIR card or is not defined as a control field for that file in the TOTAL/CULPRIT dictionary.

Severity: E

Module: CULLTCLR

C400017 NO FILES SPECIFIED
No file names were given after the string identifier on the HIR card. Specify a file name after the string identifier.

Severity: E

Module: CULLTCLR

C400018 BASE FILE INCONSISTENT WITH PRIOR
An entry file on a HIR card is not the same as the others. All entry files on HIR cards must be the same.

Severity: E

Module: CULLTCLR

C400019 ERROR ON SIGNON
An error occurred during at attempt to open or sign on to the TOTAL database.

Severity: E

Module: CULLTCLR

RANGE 450 MESSAGES

C450001 OPEN*x* ERROR ON

(cont) FILE - *ffff*

(cont) STATUS - *ssss*
An open error was encountered. The message produces the following information:

- *X* -- M for master or V for variable
- *Ffff* -- File name
- *Ssss* -- TOTAL status code; a status code of FNTF means the file is not included in the DBGEN loaded for the run.

Severity: F

C450004 REP. ALL MASTER RECORD NOT FOUND KEY = *kkk*
No record in the entry file could be found via a key search with key value *kkk*.

Severity: W

C450005 FATAL ERRORS - EXTRACT NOT PERFORMED
The TOTAL/CULPRIT job terminated due to fatal errors.

Severity: F

C450006 READ ERROR ON MASTER FILE
A read error occurred on the master file. This may represent a logical database error. Call your DBA.

Severity: E

C450007 READ ERROR ON VARIABLE FILE

(cont) HIR - *yy*
A read error occurred on the variable file. *Yy* is the path id. Call your DBA.

Severity: E

C450009 KEYFILE READ ERROR - RUN TERMINATED
A read error occurred for the sequential keyfile.

Severity: F

C450010 OPEN ERROR ON MASTER FILE
An open error occurred on a master file.

Severity: F

C450011 OPEN ERROR ON VARIABLE FILE
An open error occurred on a variable file.

Severity: F

C450012 FILE IS NOT A MASTER OR VARIABLE FILE
The file is not defined as either a master or variable file. TOTAL must have either master or variable files.

Severity: F

RANGE 500 MESSAGES

C500001 INVALID DICTIONARY RECORD
A parameter other than a FIL, PRD, LRD, or COMMENT was read on the dictionary. The parameter is ignored and processing continues with the next parameter in sequence on the dictionary.

Severity: W

Range 500 Messages

C500002 RDAM FILE COUNT EXCEEDS MAXIMUM
More than 20 files were specified on HIR parameters for one run. Decrease the number of files specified on HIR parameters to a maximum of 20 and resubmit the job.

Severity: E

C500003 RDAM DATA LIST EXCEEDS BUFFER SIZE
The DATA portion of the file exceeds the buffer size. The default value for buffer size is 13,000 bytes. An override value can be specified in the range 1000 through 32,767 bytes. Increase the size of the buffer by specifying a larger size on the *record-size-n* entry of the INPUT parameter, or use HTH parameters to limit data retrieval to only thsoe physical fields required for the run. Resubmit the job.

Severity: E

C500004 RUN TIME LFD CONTAINS FILE-ID NOT IN HIR
The FILE-ID entry on a run-time LFD parameter does not match a FILE-ID entry on a HIR parameter. Each file entry on a run-time LFD parameter must match a file entry on the HIR parameter. Correct the LFD parameter and/or HIR parameter, and resubmit the job.

Severity: E

C500005 RUN TIME LFD CONTAINS PFD NO. UNKNOWN TO DICTIONARY
The FIELD ID entry on a run-time LFD parameter does not match a physical field id in the dictionary. Run-time LFD entries must pertain to PRDs within files defined in the dictionary. Correct the run-time LFD entry and/or dictionary PFD, and resubmit the job.

Severity: E

C500006 HIR COUNT EXCEEDS MAXIMUM
More than 20 HIR parameters have been submitted in a single run. Decrease the number of HIR parameters to 20 or less, and resubmit the job.

Severity: E

C500007 LOGICAL STRING PROGRESSION ERROR
If the RDMS®/CULPRIT interface is performing automatic processing, the first file entry on the HIR parameter must specify the DATA portion of a file. Subsequent entries are optional and are specified as follows:

- The second file must be the same as the first and must specify the XREF portion of the file.

- Similarly, the third and fourth entries must be the same file and must specify the DATA and XREF portions, respectively.
- The fifth entry, if present, must specify the DATA portion of a file.
- If a cross-reference entry points to another record in the same file, the first three entries on the HIR parameter are the same file id and must specify the DATA, XREF, and DATA portions, respectively.
- The remainder of the parameter, through column 80, must consist of blank spaces.

Check the HIR parameter for incorrect order of file entries or for coding after the last entry. Correct and resubmit the job.

Severity: E

C500008 **HIR ENTRY INCONSISTENT WITH PRIOR ENTRIES**
The base (first) file on each HIR parameter in any one run must be the same. Correct and resubmit the job.

Severity: E

C500009 **KEY PARAMETER COUNT EXCEEDS MAXIMUM**
More than 50 KEY parameters were submitted in a single run. Decrease the number of KEY parameters to 50 or less, and resubmit the job.

Severity: E

C500010 **NON-NUMERIC START POSITION ON LFD**
The start position on a dictionary or run-time LFD parameter is nonnumeric. Leading zeros are required. Check the LFD parameters for blanks or other nonnumeric entries in the start position. Correct and resubmit the job.

Severity: E

C500011 **NON-NUMERIC ENTRY ON DICTIONARY FIL PARAMETER**
Either the FIELD COUNT entry or the TOTAL FIELD LENGTH entry on the dictionary FIL parameter contains nonnumeric data. Leading zeros are required. Check for blanks or other nonnumeric data in these entries. Correct and resubmit the job.

Severity: E

Range 500 Messages

C500012 NON-NUMERIC LENGTH ON PFD OR KEY FILE
Either the FIELD LENGTH entry on a dictionary PFD parameter or the RECORD SIZE and/or BLOCK FACTOR entries on a KEY file parameter contain nonnumeric data. Check for blanks or other nonnumeric data in these entries. Correct and resubmit the job.

Severity: E

C500013 FILE NOT DEFINED ON DICTIONARY *RDMS-file-id*
The file *RDMS-file-id* specified on a HIR parameter could not be located in the dictionary. Correct the HIR parameter or define file *RDMS-file-id* to the dictionary and resubmit the job.

Severity: E

C500014 INVALID STRING ID ON HIR PARAMETER
Either the STRING ID entry is blank, or a DR or FR HIR parameter is not the only HIR parameter submitted in a run. If an HIR parameter is submitted for a direct read or a full read, no other HIR parameters are allowed in the same run. Check the STRING ID entry for errors. Correct and resubmit the job.

Severity: E

C500015 NO HIR PARAMETERS SUBMITTED
A minimum of one HIR parameter is required for each RDMS/CULPRIT run. Resubmit the job with a HIR parameter.

Severity: E

C500016 HTH PARAMETER SYNTAX ERROR
On an HTH parameter, either the file is not specified as a DATA or XREF file or the FIELD IDS entry contains nonumeric data. Field ids are 1 or 2 digits. Leading zeros are not required. Each field id must be separated by a single comma. A space delimits the end of the FIELD ID entries. Check the entries for syntax errors. Correct and resubmit the job.

Severity: E

RANGE 550 MESSAGES

C550001 RDAM SIGNON ERROR

(cont) STATUS=*RDAM-error-code*

CULPRIT was unable to initiate RDMS processing. The RDMS error code is reported and the job is terminated. The CULPRIT buffer is dumped prior to job termination. Refer to the appropriate RDMS documentation for information on RDMS error codes.

Severity: E

C550003 UNABLE TO UNLOCK RDAM FILE

(cont) FILE=*RDMS-file-id*
RDAM could not unlock (open) one of the RDMS files. The file in question and the RDMS error code are reported and the job is terminated. The CULPRIT buffer is dumped prior to job termination. Refer to the appopriate RDMS documentation for further information.

Severity: E

C550005 RDAM FILE READ ERROR
RDAM detected an error when reading an RDMS file. The file and RDMS error code are reported, and the job is terminated. The CULPRIT buffer is dumped prior to job termination. Refer to the appropriate RDMS documentation for information on RDMS status codes.

Severity: E

C550006 RDAM RECORD NOT FOUND

(cont) KEY=*record-id*
Key parameters, specifying record ids, were supplied to the RDMS/CULPRIT run, and RDAM was unable to find one or more of the corresponding records on the RDMS file. The record id is reported. Processing continues with the next record id supplied.

Severity: E

C550008 FATAL ERROR(S), EXTRACT NOT PERFORMED
An error was reported when reading the dictionary file or when evaluating the HIR and/or KEY parameters. A specific error message is printed prior to this message. The job will be terminated. Correct the parameter entry and resubmit the job.

Severity: F

C550009 RDAM XREF RECORD NOT FOUND

(cont) RID=*RDMS-record-id*

(cont) CONTAINS XREFID POINTER FOR:

(cont) FILE=*RDMS-XREF-file-id-value*

(cont) RID=*RDMS-XREF-record-id-value*
A file specified on a HIR parameter contains an XREF pointer to a record on another RDMS file, but RDAM was unable to find the record on the specified file. That file and its record ids and the XREF file and record ids are reported. Processing continues with the next sequential record on the RDMS file. This condition indicates a structural error in the RDMS file. Consult the person in charge of RDMS file maintenance.

Severity: E

C550012 KEYFILE READ ERROR
A KEYFILE parameter specifying a file to control RDAM retrieval was entered in the input. A possible hardware or JCL error was detected when RDMS/CULPRIT tried to access the key file. The CULPRIT buffer is dumped and the job is terminated.

Severity: E

C550013 RDAM SIGNOFF ERROR
CULPRIT was unable to terminate RDAM. All data extraction was successfully completed, and the run goes to a normal end-of-job. The RDMS error code is reported, and the CULPRIT buffer is dumped. This error should be reported to the person in charge of RDMS maintenance.

Severity: W

C550014 UNABLE TO LOCK RDAM FILE

(cont) KEY=*record-id*

(cont) BASE FILE=*RDMS-file-id*
RDAM was unable to lock an RDMS file. All data extraction was successfully completed, and the run goes to normal end-of-job. The file id and RDMS error code are reported, and the CULPRIT buffer is dumped. The error should be reported to the person in charge of RDMS file maintenance.

Severity: W

RANGE 700 MESSAGES

C700001 NO SUPPORT FOR DEVICE ASSIGNED TO *file-name*
VSE users only -- The indicated file either was assigned IGN (that is, ignore) or was assigned to a device type that CULPRIT does not support. The probable cause of this error is an incorrect JCL specification.

Severity: F

Module: CULXLUB

C700002 UNABLE TO OPEN *ddname/file-name*
CULPRIT could not open the indicated data set or file. This error can occur if the JCL assignment is incorrect or if an input file was not created because of the failure of an earlier job phase or step.

Severity: F

Modules: CULXGETC
CULXPUTM
CULLISAM
CULLREAD
CULLEXT
CULLSEQ
CULEISAM

C700003 UNCORRECTABLE I/O ERROR ON *file-type*
MVS users only -- An I/O error occurred while reading a sequential or ISAM input file. Review the JCL. If the error cannot be resolved, consult the software support staff at your installation.

Severity: F

Modules: CULLISAM
CULESEQ

C700004 RUN CANCELLED DUE TO INSUFFICIENT STORAGE

(cont) MODULE, TABLE, OR BUFFER *name*

(cont) ADDITIONAL BYTES NEEDED *bytes*
VSE users only -- A module, table, or buffer required more storage than was available. CULPRIT prints the name of the module, table, or buffer and the amount of additional storage required. To correct this error, relink CULL with a larger work size (as described in *Cullinet System Software -- Integrated Installation Guide*) or decrease the complexity or number of reports in the run.

Modules: CULL
CULLEXT

Range 700 Messages

C700007 CULPRIT JOB CANCELLED AFTER *program-name*

(cont) USER ABEND OR RETURN CODE=*code*

(cont) SYSTEM ABEND CODE=*code*

One-step CULPRIT only -- The system or user completion code (return code) from the named program was not equal to 0 (zero), causing CULPRIT to stop executing after the named program. To determine what happened, review the continuation message and listings for more information.

Severity: F

Module: CULPRIT (1-Step Controller)

C700015 IDB ACTION PARAMETER MISSING - REQUIRED

CULPRIT encountered one or more of the following errors in the INPUT IDB or OUTPUT IDB parameter:

- ADD, COPY, CREATE, DELETE, or REPLACE is missing, misspelled, or misplaced.
- *Entry-name, owner-name, catalog-name, or location-name* is missing, misspelled, or misplaced.
- Required parentheses or commas are missing or misplaced.

Correct the CULPRIT program and resubmit the job.

Severity: E

Module: CULPOUCH

C700018 IDB SIGNON ERROR

CULPRIT encountered an IDB signon error. Make sure that:

- The IDMS-DC/UCF system is up
- The user id and password are valid
- The user definition in IDD includes access to ASF and IDB
- The name of the dictionary on the DATABASE card is correct
- A SYSCTL statement exists in the JCL stream

Severity: W, E, F

Modules: CULLIDB

CULPIDB

C700021 IDB GET TABLE ERROR
CULPRIT could not access the named table. Make sure that:

- The table is named correctly
- The owner of the table is specified
- You have passkey authority to access the table

Severity: W, E, F

Modules: CULLIDB
CULPIDB

C700024 IDB GET FIELD ERROR
The field name on the edit parameter must be spelled exactly like the column name defined for the table in ASF.

Severity: W, E, F

Modules: CULLIDB
CULPIDB

C700027 IDB ADD TABLE ERROR
CULPRIT could not add the table to the database because either a table with that name already exists or there is not enough space to store the table.

Severity: W, E, F

Modules: CULLIDB
CULPIDB

C700030 IDB ADD FIELD ERROR
CULPRIT returned a nonzero return code from RDEF.

Severity: W, E, F

Modules: CULLIDB
CULPIDB

C700033 IDB GENERATE ERROR
An IDB GENERATE error occurred possibly because the IDMS-DC/UCF system went down or there is not enough space in the load area of the data dictionary to store the table load module. Check the IDMS-DC/UCF log file for information. In particular, look for code 1211, which indicates insufficient space in the dictionary load area.

Severity: W, E, F

Modules: CULLIDB
CULPIDB

C700036 IDB SIGNOFF ERROR
CULPRIT encountered an error when signing off IDB.

Severity: W, E, F

Modules: CULLIDB
CULPIDB

C700039 IDB DELETE ERROR
CULPRIT encountered an error during at attempt to delete a table. Possibly the table does not exist. Correct the name and resubmit the job.

Severity: W, E, F

Modules: CULLIDB
CULPIDB

C700040 ATTEMPT TO DELETE TABLE AFTER ERROR FAILED
An E- or F-level error occurred during a CREATE job. As part of error recovery, CULPRIT attempts to delete the partially created table. This error indicates that CULPRIT failed to delete the table. Delete the table before resubmitting the job to create the table. This error can occur if the IDMS-DC/UCF system goes down while the table is being created.

Severity: F

Module: CULLIDB

C700041 TABLE SUCCESSFULLY DELETED
CULPRIT successfully deleted a table's definition and contents from the ASF dictionary (catalog).

Severity: I

Module: CULLIDB

C700042 TABLE NOT GENERATED OPERATION NOT PERFORMED

(cont) RSUB RETURN CODE: *rsub-code*

(cont) TDB MINOR CODE: *tdb-code*
The table named on the INPUT or OUTPUT parameter has not been generated and therefore cannot be accessed. Sign on to ASF and check the STATUS field on the Table Definition screen. Tables that indicate REDEFINITION must be generated before those that are accessed by CULPRIT. Generate the table and resubmit the job.

Severity: F

Modules: CULLIDB
CULPIDB

C700045 INCOMPATIBLE FIELD(S) DETECTED.

(cont) SEE VALIDATION REPORT ON INPUT PARAM LISTING
In a CULPRIT run to consolidate tables, CULPRIT detected secondary table field or fields with a definition different from the corresponding field in the primary table. The VALIDATE FIELDS report in the Input Parameter Listing identifies the field or fields in error.

Correct the field definitions in the secondary tables, regenerate the secondary tables, and resubmit the job.

Severity: E

Module: CULPIDB

C700047 UNABLE TO VALIDATE FIELDS DUE TO ERRORS IN PRIMARY DATA TABLE
In a CULPRIT run that consolidates tables, the table named on the first INPUT parameter (the primary table) contains errors. Therefore, CULPRIT cannot validate the fields of the secondary tables against the fields in the primary table.

Correct your primary table specification and resubmit the job.

Severity: E

Module: CULPIDB

C700048 CULPRIT IS UNABLE TO GENERATE A PATH CARD.
CULPRIT encountered a problem getting a table and therefore cannot generate a PATH parameter for the table. Continuation messages accompany this message.

Severity: W

Module: CULPIDB

C700050 INSUFFICIENT PASSKEY AUTHORIZATION
The user does not have authorization to perform the requested data table function.

Severity: F

Module: CULLIDB

C700051 TABLE SUCCESSFULLY GENERATED: *table-name*
CULPRIT sucessfully created and generated the named table.

Severity: I

Module: CULLIDB

RANGE 750 MESSAGES

C750001 EXTRACT FILE EMPTY. RUN TERMINATED.
The extracted items and statistics file contains system control records only. This error probably occurred because either there are no CULPRIT parameters input for the job or all the parameters have an error. Correct your source and resubmit the job.

Severity: F

Module: CULE

C750002 RUN TERMINATED. INCOMPATIBLE VERSIONS

CULL *version-number* CULE *version-number*
The system terminated the job. The version of CULPRIT that was executed in the compile phase (CULL) does not match the version that was executed in the output phase (CULE). To evaluate this error, check the run JCL and the listings that were generated in the installation procedure. Use CULL and CULE programs from the same release of CULPRIT.

Severity: F

Module: CULE

C750003 UNRECOGNIZABLE CONTROL RECORD - RUN TERMINATED
CULPRIT encountered an unknown record in the Extracted Items and Statistics file. This is an internal system error. Call Cullinet Technical Support.

Severity: F

Module: CULE

C750004 RUN CANCELLED
CULPRIT canceled the job. Subsequent messages indicate the reason for failure.

Severity: F

Module: CULE

C750005 CANCEL OF REPORT

(cont) INSUFFICIENT STORAGE AVAILABLE FOR *table/work-area*

(cont) BYTES REQUESTED *bytes*

(cont) BYTES SHORT *bytes*
CULPRIT canceled the report because it could not allocate enough storage for the named table or work area. The message indicates the number of bytes requested and the number of bytes still needed to provide sufficient storage.

Severity: E

Module: CULE

C750009 RECORDS WRITTEN FOR REPORT *rr* -- *nnn*
CULPRIT prints the number of records it prints for each report in a run. *Rr* specifies the report number and *nnn* specifies the number of records written. The record count includes all header, detail, and total lines. In printed reports, the record count includes additional lines that are written for spacing that is requested with a hyphen (-) or zero (0) break code.

Severity: *

Module: CULE

C750010 FIELD NOT NUMERIC IN REPORT *report-number*
The system encountered nonnumeric data in the extracted data for the indicated report. The field is treated as though its value were 0 (zero). Further action depends on the error-action indicator that was specified on the PROIFLE parameter for the OE= keyword expression.

Severity: W

Module: CULE

C750011 DECIMAL OVERFLOW IN ARITHMETIC OPERATION IN REPORT

report-number
CULPRIT detected an overflow during an add, subtract, or multiplication operation in the output phase (that is, CULE step) for the indicated report. The result of the operation, after a possible shift for decimal alignment, contains too many digits to fit into the result field. This message prints in the body of the report, where the error occurs. High-order (that

is, overflow) digits of the result are lost; low-order digits of the result are stored in the result field.

Severity: W

Module: CULE

C750012 **DECIMAL DIVIDE EXCEPTION IN REPORT** *report-number*
A divide exception occurred in a division operation in a type 7 or type 8 procedure statement. The quotient is set to 0 (zero). This error can occur in a type 7 or type 8 procedure statement, as follows:

- Type 7 procedure statement -- The error message appears as part of an extended error-handling message, as described in Section 4, "Extended Error Handling Facility."
- Type 8 procedure statement -- The error message appears in the body of the report at the place where the error occurred.

A divide exception can occur during a division operation if any of the following conditions apply:

- The divisor is 0 (zero).
- The divisor contains more than 15 significant digits.
- The dividend contains more than 30 digits; this can occur after decimal place adjustment.
- The quotient contains more than 15 significant integer digits, but the result is an 8-byte work field.

Severity: W

Module: CULE

C750013 **(cont) ERRONEOUS SUBSCRIPT VALUE** *subscript-value*
This continuation message indicates the value of an invalid subscript value. The subscript is invalid because it is negative, 0 (zero), or greater than the maximum allowed for the multiply-occurring field.

Severity: *

Module: CULE

C750014 **(cont) INVALID PERFORM**
The CULPRIT code includes a nested PERFORM statement in type 8 procedure logic.

Module: CULE

C750015 (cont) INVALID RETURN
The CULPRIT code includes a RETURN statement, but no matching PERFORM statement in type 8 procedure logic.

Module: CULE

C750016 ABEND 100, TABLE OVERFLOW - *table-name*
CULPRIT detected an overflow in the indicated system-defined table. This is an internal system error. For more information on this message, see Section 5, "Abend Codes" and call Cullinet Technical Support.

Severity: F

Module: CULE

C750017 CANCEL AT USER REQUEST - ABEND *abend-code*
The default or user-specified limit for errors that involve nonnumeric data, decimal overflows, or decimal divide exceptions in the edit phase (that is, CULE step) was exceeded. The edit phase was canceled. For more information on this message, see Section 5, "Abend Codes."

Severity: F

Module: CULE

C750018 CULPRIT SYSTEM ERROR. ABEND 200
CULPRIT detected an error that caused the system to abend. This is an internal system error. For more information on this message, see Section 5, "Abend Codes" and call Cullinet Technical Support.

Severity: F

Module: CULE

C750019 BAD RESTART PARAMETER
CULPRIT detected a RESTART parameter that was input to the output phase (that is, CULE step), but either the RESTART parameter does not contain the keyword RESTART in positions 1 through 7, or the parameter specifies one or more nonnumeric report numbers.

This message applies only to parameters that are not blank. A blank RESTART parameter is permitted.

Severity: F

Module: CULESERV

C750020 **RESTART REPORT(S) NOT FOUND.**
CULPRIT found no reports in the range that was specified on a RESTART parameter. No report output is produced during this execution of the output phase (that is, CULE step).

Severity: F

Module: CULESERV

C750021 **CULPRIT SYSTEM ERROR HAS OCCURRED DURING** *device-type*

(cont) OUTPUT. REG 15 OF DUMP CONTAINS ERROR CODE
CULPRIT detected an internal error during the output phase (that is, CULE step) for a nonprint output file type of card, ISAM, tape, or disk. With the exception of the ISAM file type, CULPRIT generates a dump with each type of error. This is an internal system error. The message is produced for each file type in MVS and VSE as follows:

- **MVS users only** -- When the device type is ISAM LOAD, the secord line of the error message does not print, Register 15 is not set, and no dump is produced.
- **VSE users only** -- When the device type is CARD, Register 15 is set to 2; this indicates that the file type indicator is not set to C for card.
- **VSE users only** -- When the device type is TAPE, Register 15 is set as follows:
  - R15=2 -- The file-type indicator is not set to T for tape.
  - R15=3 -- The record-type indicator is not set to F for fixed.
  - R15=4 -- The label-type indicator is not set to S for standard.
- **VSE users only** -- When the device type is DISK, the file type is in error, as described below:
  - R15=2 -- The file indicator is set to D for disk.
  - R15=3 -- The record-type indicator is not set to F for fixed.

Severity: E

Modules: CULECARD

CULETAPE
CULEDISK
DOS
CULEISAM

C750023 ISAM LOAD - UNCORRECTABLE OUTPUT ERROR
MVS users only -- The user requested ISAM file output, but the operating system encountered an unrecoverable error while writing the file. To correct this error, scratch the file and resubmit the job.

Severity: E

Module: CULEISAM OS

C750024 ISAM LOAD - SPACE NOT FOUND
MVS users only -- The user requested ISAM file output, but the value that was specified on the SPACE parameter in the JCL is not large enough to hold the output. To correct this error, scratch the file, revise the SPACE parameter in the JCL, and resubmit the job.

Severity: E

Module: CULEISAM OS

C750025 ISAM LOAD - RECORD OUT OF SEQUENCE. DATASET CLOSED
MVS users only -- ISAM file output was requested, but CULPRIT has encountered a record with a sort-key value that is less than the sort-key value of the previous record. The output file was closed. It can be accessed, but includes only those records up to (but not including) the record with the out-of-sequence key value. A common cause of this error is the failure to specify a details-only report on the OUTPUT parameter.

Severity: E

Module: CULEISAM OS

C750026 ISAM LOAD - DUPLICATE RECORD. DATASET CLOSED
MVS users only -- ISAM file output was specified, but CULPRIT has encountered a record with a primary sort-key value identical to that of the previous record. The output file was closed. It can be accessed, but includes only those records up to (but not including) that with the duplicate key. A common cause of this error is the failure to specify a details-only report on the OUTPUT parameter.

Severity: E

Module: CULEISAM OS

C750027 ISAM LOAD - INCORRECT RECORD LENGTH
The user requested ISAM file output, but the output record size is not large enough to hold the ISAM key and the output data fields.

Severity:

Module: CULEISAM OS

C750028 (cont) BLOCKSIZE EXCEEDS 4000 BYTE LIMIT
The maximum ISAM output block size has been exceeded.

Severity: E

Modules: CULEISAM OS
CULEISAM DOS

C750029 (cont) EOF SWITCH NOT FF,00, OR 0F
An internal error occurred on the EOF switch.

Severity: E

Modules: CULEISAM OS
CULEISAM DOS

C750030 (cont) TCD INDICATOR IS NOT I
An internal error occurred on the TCD indicator.

Severity: E

Modules: CULEISAM OS
CULEISAM DOS

C750031 (cont) BLKSIZE IS NOT A MULTIPLE OF RECSIZE
The block size is not a multiple of the record size.

Severity: E

Modules: CULEISAM OS
CULEISAM DOS

C750032 (cont) KEYLOC EXCEEDS RECSIZE
The ISAM keyfield start position is beyond the end of the output record.

Severity: E

Modules: CULEISAM OS
CULEISAM DOS

C750033 (cont) KEYLEN + KEYLOC-1 EXCEEDS RECSIZE
The ISAM key field extends beyond the end of the output record.

Severity: E

Modules: CULEISAM OS
CULEISAM DOS

C750034 (cont) BLKSIZE + KEYLEN EXCEEDS TRACK CAPACITY
The block size plus the DASD key exceeds the track capacity.

Severity: E

Modules: CULEISAM OS
CULEISAM DOS

C750035 (cont) DATA + KEY EXCEEDS OVERFLOW TRACK CAPACITY
The record size plus the ISAM key exceeds the overflow track capacity.

Severity: E

Modules: CULEISAM OS
CULEISAM DOS

C750036 (cont) UNRECOVERABLE DASD ERROR
An I/O error occurred on ISAM output.

Severity: E

Modules: CULEISAM OS
CULEISAM DOS

C750037 (cont) CYLINDER INDEX AREA FULL
Insufficient index area was allocated for ISAM output.

Severity: E

Modules: CULEISAM OS
CULEISAM DOS

C750038 (cont) KEY ERROR- CHECK FOR DUPLICATE KEY
A duplicate or invalid ISAM key field was encountered.

Severity: E

Modules: CULEISAM OS
CULEISAM DOS

C750039 (cont) PRIME DATE AREA IS FULL
Insufficient space was allocated for the ISAM output file.

Severity: E

Modules: CULEISAM OS
CULEISAM DOS

C750040 ISAM OUTPUT INITIALIZATION ERROR
The user requested ISAM file output, but an error occurred. CULPRIT prints subsequent error messages that document the cause for failure.

Severity: E

Module: CULEISAM DOS

C750041 ISAM MODULE EXECUTION ERROR

The VSE ISAM output module encountered an error condition that subsequent continuation messages explain.

Severity: E

Module: CULEISAM DOS

C750043 UNKNOWN PROGRAM CHECK
CULPRIT detected a program check other than a data exception (7), decimal overflow (10), or decimal divide (11).

Severity: F

Module: CULE

C750044 REPORT CANCELLED AT USER REQUEST
The user set a limit for the number of CULPRIT program checks (that is, data, decimal overflow, and decimal divide exceptions) on the PROFILE parameter by coding an OE= keyword expression with STOP as the error action verb. The CULPRIT job exceeded the user-supplied limit, thereby terminating the report.

Severity: E

Module: CULE

C750051 BIND ERROR, STATUS = *idms-error-status*
The system detected an error that relates to the IDMS/R database. The extract is terminated. Output reports are produced based on any data that was extracted up to this point. See *Cullinet System Software -- Error Codes and Messages* for the IDMS/R error status codes.

Severity: E

Module: CULEIDB

C750055 IDMS ERROR STATUS = *IDMS-error-status*

(cont) DBKEY (DECIMAL) = *page-number line-number*

(cont) ERROR RECORD = *record-name*

(cont) ERROR SET = *set-name*

(cont) ERROR AREA = *area-name*

(cont) LAST GOOD RECORD= *record-name*

(cont) LAST GOOD AREA = *area-name*
The system detected an IDMS/R error that relates to the IDMS/R database. See *Cullinet System Software -- Error Codes and Messages* for IDMS/R error status code.

Severity: E

Module: CULEIDB

C750056 0 RECORD NAME NUMBER READ

(cont) LOGICAL REC STATUS= *logical-record-status*

(cont) LAST LR VERB = *logical-record-verb*

(cont) SEQUENCE NUMBER = *sequence-number*

(cont) LRPXELEN = *lr-control-block-length*

(cont) LRMAXVXP = *lr-control-block-length*

(cont) LOGICAL RECRD NAME= *logical-record-name*
This message lists the IDMS/R record names and the number of records accessed in the CULPRIT run.

Severity: I

Module: CULEIDB

RANGE 800 MESSAGES

Range 800 Messages

C800001 **PATH TABLE OVERFLOW**
CULPRIT encountered an internal table allocation error. Call Cullinet Technical Support.

Severity: F

Module: CULLDPAK

C800002 **KEY TABLE OVERFLOW**
CULPRIT encountered an internal table allocation error. Call Cullinet Technical Support.

Severity: F

Module: CULLDPAK

C800003 **F-LEVEL ERROR DETECTED IN CULP0 STEP**
CULPRIT encountered an F-level error during the precompile phase (that is, CULP0 step). It produces this message for PATH and KEY parameters only. CULP0 may also produce messages of a lower severity level (for example, E- or W-level messages) for this parameter.

To evaluate this error, review the Sequential Parameter Listing.

Severity: F

Module: CULLDPAK

C800004 **E-LEVEL ERROR DETECTED IN, CULP0 STEP**
CULPRIT encountered an E-level error during the precompile phase (that is, CULP0 step). It produces this message for PATH and KEY parameters only. CULP0 may also produce messages of a lower severity level (for example, W-level messages) for this parameter.

To evaluate this error, review the Sequential Parameter Listing.

Severity: E

Module: CULLDPAK

C800005 **W-LEVEL ERROR DETECTED IN, CULP0 STEP**
CULPRIT encountered a W-level error during the precompile phase (that is, CULP0 step). It produces this message for PATH and KEY parameters only.

To evaluate this error, review the Sequential Parameter Listing.

Severity: W

Module: CULLDPAK

C800006 **UNDEFINED QUALIFIER**
A record or file name was used to qualify a field, but either the record name is not defined on a PATH parameter or the file is not specified in the FN= keyword expression on an INPUT or KEYFILE parameter.

Make sure that the qualifying name appears on either the PATH, INPUT, or KEYFILE parameter, and resubmit the job.

Severity: E

Module: CULLDPAK

C800007 **IDMS CULPRIT INPUT BUFFER SIZE EXCEEDED**
In a run that accesses IDMS/R records, CULPRIT cannot fit all of the records to be accessed in the space allocated for the input buffer. By default, the input buffer size is 1000 bytes.

The *CULPRIT Reference* provides instructions to determine how much buffer space is required. Calculate the required space, increase the record size on the INPUT parameter, and resubmit the job.

Severity: F

Module: CULLDPAK

C800008 **MAXIMUM NUMBER OF IDMS RECORD NAMES EXCEEDED**
In a run that accesses IDMS/R database records, more than 255 record names appear on the PATH parameters. CULPRIT allows as many as 255, but no more.

Reduce the number of record names and resubmit the job.

Severity: F

Module: CULLDPAK

C800009 **INVALID NAME USED IN WHERE CLAUSE -- *path-id***
The user referenced a field in the WHERE clause on a PATH or SELECT/BYPASS parameter, but the field is not defined to either a record named on a PATH parameter or a file named on a KEYFILE parameter. The message identifies the path id of the PATH parameter that contains the error.

Severity: F

Module: CULLDPAK

C800010 WHERE CLAUSE CODED FOR INVALID PATH
CULPRIT encountered an error on a PATH parameter so that the associated WHERE clause on the PATH parameter or SELECT/BYPASS parameter cannot be evaluated.

Correct your code and resubmit the job.

Severity: F

Module: CULLDPAK

C800011 ILLEGAL COMBINATION OF KEYFILE AND KEY CARD
When CULPRIT processes logical records, it is possible to use a KEYFILE parameter containing a FN= keyword expression but no KF= keyword expression. However, in this situation, the CULPRIT code cannot include KEY parameters.

Severity: F

Module: CULLDPAK

RANGE 850 MESSAGES

C850001 EXTRACT SUPPRESSED BECAUSE OF ERRORS
CULPRIT detected E-level errors that prevent processing for all reports on an INPUT parameter for a run that accesses IDMS/R database records. To evaluate these errors, review the Sequential Parameter Listing and the Input Parameter Listing.

Severity: F

Modules: CULLDCLI
CULLIDBR

C850002 BIND ERROR, STATUS = *idms-error-status*
The system detected an error that relates to binding a run unit for a run that accesses an IDMS/R database. The extract is terminated. See *Cullinet System Software -- Error Codes and Messages* for an explanation of the IDMS/R error status.

Severity: E

Modules: CULLDCLI AND
CULLIDBR

C850003 OPEN AREAS ERROR, STATUS = *idms-error-status*
The system could not ready an IDMS/R area for a run that accesses an IDMS/R database. The extract is terminated. See *Cullinet System Software -- Error Codes and Messages* for an explanation of the IDMS/R error status.

Severity: E

Modules: CULLDCLI AND
CULLIDBR

C850004 BASE RECORD READ ERROR, STATUS = *idms-error-status*
The system could not obtain the first record name on the PATH parameter in a run that accesses an IDMS/R database. The extract is terminated. See *Cullinet System Software -- Error Codes and Messages* for an explanation of the IDMS/R error status.

Severity: E

Module: CULLDCLI

C850005 OWNER RECORD READ ERROR, STATUS = *idms-error-status*
IDMS/R could not obtain an owner record and returned a status code to CULPRIT that terminates execution. See *Cullinet System Software -- Error Codes and Messages* for an explanation of the IDMS/R error status.

Severity: E

Module: CULLDCLI

C850006 MEMBER RECORD READ ERROR, STATUS = *idms-error-status*
IDMS/R could not obtain the next member record of a set and returned a status code to CULPRIT that terminates execution. See *Cullinet System Software -- Error Codes and Messages* for an explanation of the IDMS/R error status.

Severity: E

Module: CULLDCLI

C850010 KEYFILE READ ERROR
An I/O error occurred during an attempt to read the key file in a database access run. To evaluate this error, check the JCL. See *Cullinet System Software -- Error Codes and Messages* for an explanation of the IDMS/R error status.

Severity: E

Module: CULLDCLI

Range 850 Messages

C850011 IDMS ERROR STATUS = *idms-error-status*

(cont) DBKEY (DECIMAL) = *page-number line-number*

(cont) ERROR RECORD = *record-name*

(cont) ERROR SET = *set-name*

(cont) ERROR AREA = *area-name*

(cont) LAST GOOD RECORD= *record-name*

(cont) LAST GOOD AREA = *area-name*

(cont) LOGICAL REC STATUS= *logical-record-status-code*

(cont) LOGICAL RECRD NAME= *logical-record-name*

(cont) LAST LR VERB = *logical-record-verb*

(cont) LRPXELEN = *lr-control-block*

(cont) LRMAXVXP = *lr-control-block*

The system detected an error that relates to the IDMS/R database. See *Cullinet System Software -- Error Codes and Messages* for the IDMS/R error status code.

Severity: E

Module: CULLDCLI

C850026 INVALID TYPE CODE

CULPRIT issued a call to DB-EXIT to obtain a set value. However, the fifth argument was not a valid code for a data type. Valid codes are 1 (binary), 2 (zoned), 3 (packed) and a blank (' ' for alphanumeric). No value was set by DB-EXIT. Correct the data type for the fifth argument and resubmit the job.

Severity: I

Module: CULLDCLI

C850027 FIELD SIZE TOO LARGE -- *field-size*

The user coded the indicated field size in the fourth argument of a DB-EXIT call to obtain a set value. The field length that is specified exceeds the maximum length permitted for the type of data that is described in the fifth argument.

See the *CULPRIT Reference* for limits that apply to each data type. Adjust the field length in the CULPRIT code and resubmit the job.

Severity: I

Module: CULLDCLI

C850029 CONSOLIDATION LIMIT OF 999 TABLES EXCEEDED

(CONT) CULLIDBR CANNOT CONTINUE DATA EXTRACTION
In a run that consolidates data tables, the CULPRIT code contains more than 999 INPUT parmeters. CULPRIT can consolidate as many as 999 tables in a single run.

Correct your code and resubmit the job.

Severity: E

Module: CULLIDBR

C850030 FINISH ERROR, STATUS = *idms-status-code*

(CONT) TABLE-ID = *nnn*
A nonzero error status was returned during the @FINISH macro on your input data table. See *Cullinet System Software -- Error Codes and Messages* for more information about IDMS/R error status codes.

Severity: E

Module: CULLIDBR

C850031 THIS TABLE CANNOT BE CONSOLIDATED: *table-name*

(cont) CULLIDBR SKIPPING TO TABLE-ID *table-id*

(cont) CULLIDBR CANNOT CONTINUE DATA EXTRACTION
In a run that consolidates data tables, CULPRIT encountered a table whose column definitions are not the same as the column definitions in the primary table. Depending on whether the PROFILE parameter specifies EX=E, one of the two continuation messages prints:

- EX=E -- CULPRIT bypasses the table in error and extracts information from the next table in the CULPRIT job (*table-id*).
- No EX=E -- CULPRIT prints a message stating that it cannot continue to extract data.

Severity: E

Module: CULLIDBR

Range 850 Messages

C850034 ERROR READING LOGICAL RECORD, STATUS = *idmsr-error-status*

(CONT) LRVERB = *logical-record-verb*

(CONT) LRSTATUS = *logical-record-status*

(CONT) LR PXE LENGTH = *lr-control-block-length*

(CONT) LR MAX VXP = *lr-control-block-length*

(CONT) LOGICAL RECORD NAME = *logical-record-name*

Severity: E
This message describes a logical-record error that occurred while obtaining a record from an input data table.

Severity: E

Module: CULLIDBR

C850035 LAST XDE IN USER WHERE CLAUSE IS INVALID
CULPRIT detected an internal system error associated with a WHERE clause. Check the WHERE clause for errors before calling Cullinet Technical Support.

Severity: F

Module: CULLIDBR

C850036 A "KEY-VALUE" EXPRESSION IS REQUIRED IN YOUR WHERE CLAUSE.

(CONT) CULLIDBR CANNOT CONTINUE DATA EXTRACTION
In a CULPRIT run that accesses logical records, the WHERE clause of the path parameter can include the word 'KEY-VALUE'. KEY-VALUE instructs CULPRIT to compare values either on KEY parameters or in KEYFILE files to values in a field in a logical record.

Severity: F

Module: CULLIDBR

Section 4

Extended Error Handling Facility

The Extended Error Handling Facility (EEHF) provides information to help you find and correct errors resulting from defective data. It prints a descriptive error message and additional information that helps identify where the defective data resides in the file and what that data is.

Messages from EEHF occur during CULPRIT's input and output phases:

- Input phase errors occur when errors exist in the input data. For example, when an numeric input field contains alphanumeric data, an input phase error occurs.
- Output phase errors occur during the extract phase when CULPRIT reads the Extracted Items and Statistics file.

In this section you will find:

- A description of the messages generated for each phase
- A discussion of recovery procedures CULPRIT performs in response to an error
- A discussion of methods to print and control messages generated by EEHF

INPUT PHASE ERRORS

CULPRIT generates 14 input phase error messages, which fall into the following categories:

Message	Description
Type 7 processing	Occur when data is processed in the type 7 logic of the CULPRIT job
Match file	Occur in a match-file run if the data is not in the proper sequence or invalid match keys exist
Selection	Occur when selecting input data for processing by using the SELECT/BYPASS parameters
Storage violation	Occurs when CULPRIT attempts to store rows in a table for which row-level security is enforced

TYPE 7 MESSAGES

Type 7 processing messages occur because of the following types of problems:

- Invalid numeric data
- Subscript errors
- Errors that result from a PERFORM, RETURN, or DB-EXIT request
- Program interrupt errors

Table 4-1 lists the messages produced by EEHF for errors that occur while processing type 7 logic. Figure 4-1 through Figure 4-9 show each message as it appears on the Run Time Messages listing.

Table 4-1. Type 7 Processing Messages

Message Number	Message	Example
1	INVALID NUMERIC DATA ENCOUNTERED IN REPORT	Figure 4-1
2	INVALID SUBSCRIPT VALUE USED IN REPORT	Figure 4-2
3	OVERFLOW OCCURRED DOING ARITHMETIC IN REPORT	Figure 4-3
4	DECIMAL DIVIDE EXCEPTION IN REPORT	Figure 4-4
5	INVALID USE OF PERFORM IN REPORT	Figure 4-5
6	INVALID USE OF RETURN IN REPORT	Figure 4-6

(continued)

Table 4-1 (cont). Type 7 Processing Messages

Message Number	Message	Example
7	INVALID USE OF DB-EXIT IN REPORT	Figure 4-7
8	PROGRAM CHECK OCCURRED DURING EXECUTION OF INPUT MODULE	Figure 4-8
9	PROGRAM CHECK OCCURRED DURING EXECUTION OF USER PROCEDURE MODULE IN REPORT	Figure 4-9

The following list describes additional information that appears along with these messages; each of these messages is interrelated:

- **ERROR OCCURRED DURING PROCESSING**

  This message identifies the CULPRIT statement on which the error occurred. The message identifies a SORT parameter field, header line field, detail line field, or type 7 procedure statement number:

  - **SORT FIELD** *sort-field-number* identifies the number of a field on a SORT parameter. CULPRIT assigns numbers starting with 1 for the first (left-most) sort field. In the example below, EEHF assigns SORT FIELD 3 to INV-DATE:

    ```
    01SORT BRANCH-NUMBER 0 ACCOUNT-NUMBER INV-DATE
                                          ↑
                                          SORT FIELD 3
    ```

  - **HEADER LINE** *header-line-number* **FIELD** *variable-field-number* identifies a type 4 edit parameter. In the example below, EEHF assigns HEADER LINE 2 FIELD 1 to BRANCH-NUMBER:

    ```
    01410010 'BRANCH'
    01420010 BRANCH-NUMBER  ← HEADER LINE 2 FIELD 1
    ```

  - **DETAIL LINE** *detail-line-number* **FIELD** *variable-field-number* identifies a type 5 edit parameter. In the example below, EEHF assigns DETAIL LINE 1 FIELD 3 to EMP-SALARY:

    ```
    0151*010 EMP-NAME
    0151*020 EMP-ADDRESS
    0151*030 EMP-SALARY   ← DETAIL LINE 1 FIELD 3
    ```

  - **PROCEDURE STMT** *internal-sequence-number* identifies the sequence number of the type 7 parameter where the

error occurred. In the example below, EEHF assigns PROCEDURE STMT 100 to the PERFORM instruction:

```
017100 PERFORM 200        ← PROCEDURE STMT 100
017110 SALARY + BONUS TAXABLE-SALARY
```

- **MOST RECENT SUBSCRIPT VALUE** *subscript-value* ***INVALID***

  This message identifies the value of the last subscript calculated by any report in the run. If a subscript has not been calculated, the value is 0 (zero). If the value is invalid, the literal *INVALID* appears beside the value.

- **INPUT BUFFER NUMBER** *record-count*

  This message identifies the number of the input buffer processed in the run. For match-file runs, the number equals the number of **sets** of records that were processed. For database access runs, the number equals the number of **partial or complete paths** that were processed.

- **INPUT FILE IS** *file-name*

  This message specifies the ddname (MVS and VM/CMS), file-name (VSE), or linkname (BS2000) of a file used in a match-file run. For example, EEHF identifies the file defined in the second INPUT parameter by the DD= value:

```
INPUT 80 F 400 DD=SYS010
-
INPUT 80 F 400 DD=SYS011  ← INPUT FILE IS SYS011
```

- **RECORD NUMBER IS** *record-number*

  This message identifies the record in the input buffer at the time of the interrupt. The record number is the number of the record in the input file. If no record is in the input buffer, the record number is 0 (zero).

- **START POSITION WITHIN BUFFER** *start-position*

  This message identifies the start position (in bytes) of the record in the input buffer. If the input buffer does not contain a record from the identified file, the following message appears instead:

```
RECORD IS NOT IN BUFFER
```

- **RECORD BUFFER DUMP**

  This message precedes a hexadecimal dump of the input buffer.

□ WORKFIELDS AT TIME OF INTERRUPT

This message precedes a dump of all work fields at the time of the interrupt. CULPRIT groups the work fields as follows:

- GLOBAL ALPHANUMERIC
- GLOBAL NUMERIC
- REPORT ALPHANUMERIC
- REPORT NUMERIC

Within each category, the work fields are listed in the same order they appear in the Input Parameter Listing.

```
04/27/87                                    RUN TIME MESSAGES                                  Cxxxxx V10.2  PAGE     1

 C350023 INVALID NUMERIC DATA ENCOUNTERED IN REPORT 01
 ERROR OCCURRED DURING PROCESSING DETAIL   LINE 1 FIELD   1

 MOST RECENT SUBSCRIPT VALUE            0

 INPUT BUFFER NUMBER            1

 RECORD BUFFER DUMP

          CHAR   %%%%TERRY     JANSEN          SESE-SEKO           EASTON          MA05491617773839H1202870166F1A0B710
          ZONE   6666ECDDE44444DCDECD44444444ECEC6ECDD44444444444CCEEDD44444444DCFFFFFFFFFFFFFFCFFFFFFFFFFCFCFCFCFC
          DIGIT  CCCC359980000011525500000000025250252600000000000051236500000000041054916177738398120287016661102790 0
                 01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

          CHAR   0 0 0C0D4E520 MAIL ROOM                  ?@  D       ?   1   ZB  ?                   ?    H   G        &
          ZONE   FCFCFCFCFCFFFCDCCD4DDDD4444444444B140B1006770CE40B3006850F170EF0069000008000803006000C000C00090225
          DIGIT  00000304455200419309664000000000004D684B005FC844084EA05F88418849805F4000B0000680E05F40008000700100320
                 101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00
```

CULPRIT identifies where the error occurred on a type 5 edit parameter.

CULPRIT prints the contents of the record that contains invalid data.

Figure 4-1. INVALID NUMERIC DATA ENCOUNTERED IN REPORT

```
04/27/87                                                RUN TIME MESSAGES                                    Cxxxxx V10.2  PAGE     1

  C350026 INVALID SUBSCRIPT VALUE USED IN REPORT 01
  ERROR OCCURRED DURING PROCESSING PROCEDURE        STMT      1

  MOST RECENT SUBSCRIPT VALUE              0    *INVALID*

  INPUT BUFFER NUMBER              1

  RECORD BUFFER DUMP

              CHAR   %%%%TERRY     JANSEN         SESE-SEKO            EASTON          MA05491617773839H1202870166F1A0B710
              ZONE   6666ECDDE44444DCDECD444444444ECEC6ECDD444444444444CCEEDD444444444DCFFFFFFFFFFFFFFCFFFFFFFFFFCFCFCFCFC
              DIGIT  CCCC35998000001152550000000002525025260000000000051236500000000041054916177738398120287016661102790 0
                    01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

              CHAR   0 0 0C0D4E520 MAIL ROOM                          ?@  D       ?   1   Z8  ?                ?    H   G       &
              ZONE   FCFCFCFCFCFFFCDCCD4DDDD4444444444B140B1006770CE40B3006850F170EF0069000008000803006000C000C00090225
              DIGIT  0000030445520041930966400000000004D684B005FC844084EA05F88418849805F4000B00006B0E05F40008000700100320
                   101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

  WORKFIELDS AT TIME OF INTERRUPT - GLOBAL NUMERIC

              CHAR
              ZONE   00000001
              DIGIT  0000000C
                    01...5...

  WORKFIELDS AT TIME OF INTERRUPT - REPORT NUMERIC

              CHAR          <       *       %
              ZONE   00000000400000005000000060000000
              DIGIT  0000000C0000000C0000000C0000000C
                    01...5...10....5...20....5...30..
  C350034 REPORT HAS BEEN TERMINATED

***********  END OF FILE  ****************************************************

          1 INPUT RECORDS READ
```

CULPRIT encountered an invalid subscript while processing a type 7 process parameter.

CULPRIT prints the contents of the work fields at the time of the error.

Figure 4-2. INVALID SUBSCRIPT VALUE USED IN REPORT

```
04/27/87                                                RUN TIME MESSAGES                                    Cxxxxx V10.2  PAGE     1

  C350024 OVERFLOW OCCURRED DOING ARITHMETIC IN REPORT 01
  ERROR OCCURRED DURING PROCESSING PROCEDURE        STMT      1

  MOST RECENT SUBSCRIPT VALUE              0

  INPUT BUFFER NUMBER              1

  RECORD BUFFER DUMP

              CHAR   %%%%TERRY     JANSEN         SESE-SEKO            EASTON          MA05491617773839H1202870166F1A0B710
              ZONE   6666ECDDE44444DCDECD444444444ECEC6ECDD444444444444CCEEDD444444444DCFFFFFFFFFFFFFFCFFFFFFFFFFCFCFCFCFC
              DIGIT  CCCC35998000001152550000000002525025260000000000051236500000000041054916177738398120287016661102790 0
                    01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

              CHAR   0 0 0C0D4E520 MAIL ROOM                          ?@  D       ?   1   Z8  ?                ?    H   G       &
              ZONE   FCFCFCFCFCFFFCDCCD4DDDD4444444444B140B1006770CE40B3006850F170EF0069000008000803006000C000C00090225
              DIGIT  0000030445520041930966400000000004D684B005FC844084EA05F88418849805F4000B00006B0E05F40008000700100320
                   101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

  WORKFIELDS AT TIME OF INTERRUPT - REPORT NUMERIC

              CHAR
              ZONE   1482470102468024681355780000001345689223
              DIGIT  3503680C135791357924667C0000002456780120
                    01...5...10....5...20....5...30....5...40
```

Figure 4-3. OVERFLOW OCCURRED DOING ARITHMETIC IN REPORT

```
04/27/87                                                RUN TIME MESSAGES                                    Cxxxxx V10.2  PAGE     1

  C350025 DECIMAL DIVIDE EXCEPTION IN REPORT 01
  ERROR OCCURRED DURING PROCESSING PROCEDURE        STMT      1

  MOST RECENT SUBSCRIPT VALUE              0

  INPUT BUFFER NUMBER              1

  RECORD BUFFER DUMP

              CHAR   %%%%TERRY     JANSEN          SESE-SEKO            EASTON          MA05491617773839H1202870166F1A0B71D
              ZONE   6666ECDDE44444DCDECD44444444ECEC6ECDD44444444444CCEEDD44444444DCFFFFFFFFFFFFFFCFFFFFFFFFFCFCFCFCFC
              DIGIT  CCCC359980000011525500000000025250252600000000000512365000000000410549161777383981202870166611027900
                    01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

              CHAR   0 0 0C0D4E520 MAIL ROOM                          ?@  D        ?   1   Z8  ?                ?    H   G        &
              ZONE   FCFCFCFCFCFFFCDCCD4DDDD4444444444B140B1006770CE40B3006850F170EF0069000008000803006000C000C00090225
              DIGIT  000003044552004193096640000000000D684B005FC844084EA05F88418849805F4000B00006B0E05F40008000700100320
                   101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

  WORKFIELDS AT TIME OF INTERRUPT - REPORT NUMERIC

              CHAR
              ZONE   00000013000000000000000
              DIGIT  0000002C0000000C0000000C
                    01...5...10....5...20....
```

Figure 4-4. DECIMAL DIVIDE EXCEPTION IN REPORT

```
04/27/87                                                RUN TIME MESSAGES                                    Cxxxxx V10.2  PAGE     1

  C350027 INVALID USE OF PERFORM IN REPORT 01
  ERROR OCCURRED DURING PROCESSING PROCEDURE        STMT      3

  MOST RECENT SUBSCRIPT VALUE              0

  INPUT BUFFER NUMBER              1

  RECORD BUFFER DUMP

              CHAR   %%%%TERRY     JANSEN          SESE-SEKO            EASTON          MA05491617773839H1202870166F1A0B71D
              ZONE   6666ECDDE44444DCDECD44444444ECEC6ECDD44444444444CCEEDD44444444DCFFFFFFFFFFFFFFCFFFFFFFFFFCFCFCFCFC
              DIGIT  CCCC359980000011525500000000025250252600000000000512365000000000410549161777383981202870166611027900
                    01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

              CHAR   0 0 0C0D4E520 MAIL ROOM                          ?@  D        ?   1   Z8  ?                ?    H   G        &
              ZONE   FCFCFCFCFCFFFCDCCD4DDDD4444444444B140B1006770CE40B3006850F170EF0069000008000803006000C000C00090225
              DIGIT  000003044552004193096640000000000D684B005FC844084EA05F88418849805F4000B00006B0E05F40008000700100320
                   101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

  WORKFIELDS AT TIME OF INTERRUPT - GLOBAL ALPHANUMERIC

              CHAR   W
              ZONE   E
              DIGIT  6
                    01

  WORKFIELDS AT TIME OF INTERRUPT - REPORT NUMERIC

              CHAR
              ZONE   00000013000000000000000
              DIGIT  0000002C0000000C0000000C
                    01...5...10....5...20....
  C350034 REPORT HAS BEEN TERMINATED

***********  END OF FILE  ****************************************************

          1 INPUT RECORDS READ
```

Figure 4-5. INVALID USE OF PERFORM IN REPORT

```
04/27/87                                                RUN TIME MESSAGES                                    Cxxxxx V10.2  PAGE     1

  C350028 INVALID USE OF RETURN IN REPORT 01
  ERROR OCCURRED DURING PROCESSING PROCEDURE       STMT      3

  MOST RECENT SUBSCRIPT VALUE            0

  INPUT BUFFER NUMBER            1

  RECORD BUFFER DUMP

              CHAR   %%%%TERRY     JANSEN         SESE-SEKO           EASTON          MA05491617773839H1202870166F1A0B710
              ZONE   6666ECDDE44444DCDECD44444444ECEC6ECDD44444444444CCEEDD44444444DCFFFFFFFFFFFFFFFCFFFFFFFFFFFCFCFCFCFC
              DIGIT  CCCC35998000001152550000000025250252600000000000512365000000000410549161777383981202870166611027900
                    01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

              CHAR   0 0 0C0D4E520 MAIL ROOM                    ?@  D        ?   1   Z8  ?                ?    H   G        &
              ZONE   FCFCFCFCFCFCFFFCDCCD4DDDD4444444444B140B1006770CE40B3006850F170EF00690000080008030060000C000C00090225
              DIGIT  0000030445520041930966400000000004D684B005FC844084EA05F88418849805F4000B00006B0E05F40008000700100320
                   101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

  WORKFIELDS AT TIME OF INTERRUPT - GLOBAL ALPHANUMERIC

              CHAR   W
              ZONE   E
              DIGIT  6
                    01

  WORKFIELDS AT TIME OF INTERRUPT - REPORT NUMERIC

              CHAR
              ZONE   000000130000000000000000
              DIGIT  0000000200000000C0000000C
                    01...5...10....5...20....
  C350034 REPORT HAS BEEN TERMINATED

***********  END OF FILE  ****************************************************

          1 INPUT RECORDS READ
```

Figure 4-6. INVALID USE OF RETURN IN REPORT

```
06/16/87                                                RUN TIME MESSAGES                                    CXXXXX V10.2  PAGE     1

  INVALID USE OF DB-EXIT IN REPORT 01

  ERROR OCCURRED DURING PROCESSING PROCEDURE       STMT      9

  MOST RECENT SUBSCRIPT VALUE            1

  INPUT BUFFER NUMBER            1

  RECORD BUFFER DUMP

              CHAR   0502126AAAAA127BBBBB                                                                        25,000
              ZONE   FFFFFFFCCCCCFFFCCCCCC44444444444444444444444444444444444444444444444444444444444444FFF4FFF
              DIGIT  0502126111111272222200000000000000000000000000000000000000000000000000000000025B000
                    01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80

  WORKFIELDS AT TIME OF INTERRUPT - GLOBAL ALPHANUMERIC

              CHAR   NS
              ZONE   DE
              DIGIT  52
                    01.

  WORKFIELDS AT TIME OF INTERRUPT - GLOBAL NUMERIC

              CHAR          %
              ZONE   0000000600000000
              DIGIT  0000001C00000002C
                    01...5...10....5.
```

Figure 4-7. INVALID USE OF DB-EXIT IN REPORT

```
06/16/87                                    RUN TIME MESSAGES                                    CXXXXX V10.2  PAGE     1

  PROGRAM CHECK OCCURRED DURING EXECUTION OF INPUT MODULE

  MOST RECENT SUBSCRIPT VALUE            1

  INPUT BUFFER NUMBER            1

  RECORD BUFFER DUMP
                                                                                                                  25.000
              CHAR   0502126AAAAA127BBBBB
              ZONE   FFFFFFFCCCCCFFFCCCCC44444444444444444444444444444444444444444444444444444444FF4FFF
              DIGIT  05021261111112722222000000000000000000000000000000000000000000000000000000025B000
                     01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80

  WORKFIELDS AT TIME OF INTERRUPT - GLOBAL ALPHANUMERIC

              CHAR   NS
              ZONE   DE
              DIGIT  52
                     01.

  WORKFIELDS AT TIME OF INTERRUPT - GLOBAL NUMERIC

              CHAR          %
              ZONE   0000000600000000
              DIGIT  0000001C0000002C
                     01...5...10....5.
```

Figure 4-8. PROGRAM CHECK OCCURRED DURING EXECUTION OF INPUT MODULE

```
06/16/87                                                RUN TIME MESSAGES                                    CXXXXX V10.2  PAGE     1

 PROGRAM CHECK OCCURRED DURING EXECUTION OF USER PROCEDURE
 MODULE IN REPORT 01
 ERROR OCCURRED DURING PROCESSING PROCEDURE       STMT      9

 MOST RECENT SUBSCRIPT VALUE            0

 INPUT BUFFER NUMBER            1

 RECORD BUFFER DUMP

              CHAR   0502126AAAAA127BBBBB                                                                  25.000
              ZONE   FFFFFFFCCCCCFFFCCCCC4444444444444444444444444444444444444444444444444444444444FF4FFF
              DIGIT  0502126111111272222200000000000000000000000000000000000000000000000000000025B000
                    01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80

 WORKFIELDS AT TIME OF INTERRUPT - GLOBAL ALPHANUMERIC

              CHAR   NS
              ZONE   DE
              DIGIT  52
                    01.

 WORKFIELDS AT TIME OF INTERRUPT - GLOBAL NUMERIC

              CHAR          %
              ZONE   0000000600000000
              DIGIT  0000001C0000002C
                    01...5...10....5.

 WORKFIELDS AT TIME OF INTERRUPT - REPORT NUMERIC

              CHAR
              ZONE   0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
              DIGIT  0000000C0000000C0000000C0000000C0000000C0000000C0000000C0000000C0000000C0000000C0000000C0000000C0000
                    01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

              CHAR
              ZONE   0000000000000000000000000000000000000000000000000000000000000000000000
              DIGIT  000C0000000C0000000C0000000C0000000C0000000C0000000C0000000C0000000C
                   101...5...10....5...20....5...30....5...40....5...50....5...60....5...

 ********************

 DATA ERRORS IN USER PROCEDURE MODULE HAVE EXCEEDED      1
 MESSAGES SUPPRESSED UNTIL END OF FILE

 ********************
```

Figure 4-9. PROGRAM CHECK OCCURRED DURING EXECUTION OF USER PROCEDURE MODULE IN REPORT

MATCH-FILE MESSAGES

Match-file messages occur because of the following type of errors:

- Incorrectly sequenced files
- Invalid match-key values

Table 4-2 lists the messages produced by EEHF for errors that occur while processing match files. Figure 4-10 and Figure 4-11 show each message as it appears on the Run Time Messages listing.

Table 4-2. Match File Messages

Message Number	Message	Figure Number
10	AN OUT OF SEQUENCE CONDITION HAS ARISEN	Figure 4-10
11	INVALID NUMERIC DATA IN A MATCH KEY FIELD	Figure 4-11

The following list describes additional information that appears along with these messages:

- **INPUT FILE IS** *file-name* identifies the ddname (MVS and VM/CMS), file-name (VSE), or linkname (BS2000) of the file in which the incorrect sequence occurred. For example, EEHF identifies the file defined in the second INPUT parameter as INPUT FILE IS SYS011:

  INPUT 80 F 400 DD=SYS010
  -
  INPUT 80 F 400 DD=SYS011 ← **INPUT FILE IS SYS011**

- **RECORD NUMBER IS** *record-number* identifies the record in the input buffer at the time of the interrupt. The record number is the number of the record in the input file. If no record is in the input buffer, the record number is 0 (zero).

- **KEY POSITION IS** *key-field-position* specifies the start position of the match-key field in the input file.

- **KEY DATA TYPE IS** *data-type-code data-type-literal* specifies the number of the data type defined for the match-key field on the REC parameter and the literal to which the data type number corresponds:

Data Type Code	Data Type Literal
0	ALPHANUMERIC
1	BINARY
2	DECIMAL
3	PACKED DECIMAL
4	UNSIGNED PACKED DECIMAL
5	BIT

- **KEY LENGTH IS** ***key-field-length*** identifies the number of bytes defined for the match-key field on the REC parameter.

After either of these match-file messages, EEHF produces a hexadecimal dump of the contents of the input buffer for the identified file.

> **NOTE:** The system reads ahead to detect invalid or out-of-sequence match keys. While one record is in the input buffer, the system reads the next record, checking for errors. If an error is detected, the error is reported before the input buffer is processed. Therefore, a match-file error for record 3 can appear in the Run Time Messages listing before a non-match-file error for record 2. Other errors for record 3 can be reported after it is processed.

```
04/27/87                                    RUN TIME MESSAGES                                    Cxxxxx V10.2  PAGE     4

 C350058 AN OUT OF SEQUENCE CONDITION HAS ARISEN
 INPUT FILE IS  SYS010
 RECORD NUMBER IS          3 <------ Third record in file SYS010.

 KEY POSITION IS       1
 KEY DATA TYPE IS  2  DECIMAL <------ Information about the match key field.
 KEY LENGTH IS    4

            CHAR   035EMARK      TIME           44 CLOCK ST          MALDEN          MA017766175551911010345601 2H0E0E8A0
            ZONE   FFFCDCDD444444ECDC4444444444FF4CDDCD4EE444444444DCDCCD444444444DCFFFFFFFFFFFFFFCFFFFFFFFFFCFCFCFCFC
            DIGIT  035541920000003945000000000004403363202300000000041345500000000041017766175551919010345601280505810 0
                 01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

            CHAR   0 0 0C015H52D MAIL ROOM                          ?@  D        ?   1   Z8  ?                    H   G
            ZONE   FCFCFCFCFCFFFCDCCD4DDDD4444444440B140B1006770CE40B3006850F170EF0069000008000803 40A3000C000C0009022E
            DIGIT  000003095852004193096640000000000 4D6848005FC844084EA05F8841884980 5F4000B0000680E8746000800070010033 0
                101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00
```

Figure 4-10. AN OUT OF SEQUENCE CONDITION HAS ARISEN

```
04/27/87                                        RUN TIME MESSAGES                                    CXXXXX V10.2  PAGE     1

  C350051 INVALID NUMERIC DATA IN MATCH KEY FIELD
  INPUT FILE IS  SYS010
  RECORD NUMBER IS          1

  KEY POSITION IS        1
  KEY DATA TYPE IS  2  DECIMAL
  KEY LENGTH IS    4
                CHAR   %%%%TERRY     JANSEN          SESE-SEKO           EASTON          MA05491617773839H1202870166F1A08710
                ZONE   6666ECDDE44444DC0ECD444444444ECEC6ECDD444444444444CCEEDD444444444DCFFFFFFFFFFFFFFFCFFFFFFFFFFFCFCFCFCFC
                DIGIT  CCCC359980000011525500000000025250252600000000000512365000000000410549161777383981202870166611027900
                       01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00
                CHAR   0 0 0C004E520 MAIL ROOM                  ?@  D       ?   1   Z8  ?                ?    H   G       &
                ZONE   FCFCFCFCFCFFFCDCCD4DDDD444444444440B140B1006770CE40B3006850F170EF0069000008000803006000C000C00090225
                DIGIT  000003044552004193096640000000004D6848005FC844084EA05F88418849805F4000800006B0E05F40008000700100320
                      101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00
```

Figure 4-11. INVALID NUMERIC DATA IN A MATCH KEY FIELD

SELECTION MESSAGES

Selection messages occur when a field used in the criteria to select records contains either:

- Invalid numeric data
- An invalid subscript value

Table 4-3 lists the messages produced by EEHF for errors that occur on SELECT/BYPASS parameters. Figure 4-12 and Figure 4-13 show each message as it appears on the Run Time Messages listing.

Table 4-3. Selection Messages

Message Number	Message	Figure Number
12	INVALID NUMERIC DATA IN SELECTION PROCESS	Figure 4-12
13	INVALID SUBSCRIPT VALUE USED IN SELECTION PROCESS	Figure 4-13

The following list describes additional information that can appear along with these messages:

- **SELECT CONDITION REFERENCE NUMBER** *reference-number* specifies the number of the selection condition reference assigned in

the Input Parameter Listing. For example, EEHF prints SELECT CONDITION REFERENCE NUMBER 2 for the SELECT statement shown below when it encounters invalid numeric data for EMP-ID:

```
*********
SEL/BYP  REF        CONDITION
*********
 SEL              $     (EMP-NAME LT 'E') OR (EMP-ID GT 0100)
 SEL     00001      EMP-NAME  LT        'E'
 SEL     00002      EMP-ID    GT        0100
             ↑
```

SELECT CONDITION REFERENCE NUMBER 2

- **INPUT RECORD NUMBER** *record-number* specifies the file record number or input buffer record number associated with the SELECT/BYPASS parameter.

- **FIELD ONE/TWO AT TIME OF INTERRUPT INVALID** specifies that the first or second field in the conditional expression is invalid. CULPRIT prints a hexadecimal dump of the field that caused the error.

- **SUBSCRIPT INVALID FOR FIELD ONE/TWO** specifies that the subscript value for either the first or second field in the conditional expression is invalid. The subscript can be invalid if it is:

  - Nonnumeric
  - Negative
  - Greater than the maximum number of occurrences specified for the multiply-occurring field

```
04/27/87                                    RUN TIME MESSAGES                    Cxxxxx V10.2  PAGE     1

  C350079 INVALID NUMERIC DATA IN SELECTION PROCESS

  SELECTION CONDITION REFERENCE NUMBER-     1
  INPUT RECORD NUMBER          1
  FIELD ONE AT TIME  OF INTERRUPT **INVALID**

              CHAR   %%%%
              ZONE   6666
              DIGIT  CCCC
                     01...

***********  END OF FILE  ******************************************************

         23 INPUT RECORDS READ

        SELECTION SPECIFICATION STATISTICS

        BEGINNING      TIMES      TIMES      TIMES    NUMERIC  SUBSCRIPT
        REFERENCE     TESTED      TRUE      FALSE     ERRORS    ERRORS
         NUMBER

            1           61         23         38         1         0
```

The first field in the expression identified as reference number 1 contains invalid data. CULPRIT prints the contents of the field.

Figure 4-12. INVALID NUMERIC DATA IN SELECTION PROCESS

```
04/29/87                                    RUN TIME MESSAGES                    Cxxxxx V10.2  PAGE     1

  C350082 INVALID SUBSCRIPT VALUE IN SELECTION PROCESS

  SELECTION CONDITION REFERENCE NUMBER-     1
  INPUT RECORD NUMBER          1

              CHAR          )
              ZONE   00000005
              DIGIT  0000000D
                     01...5...
  SUBSCRIPT IS INVALID FOR FIELD ONE
  C350036 RUN TERMINATED
```

Figure 4-13. INVALID SUBSCRIPT VALUE USED IN SELECTION PROCESS

STORAGE VIOLATION ERROR

CULPRIT returns a storage violation message when it attempts to store rows of a table for which row-level security is enforced. To store rows of a table, the OUTPUT parameter for the report must specify the name of the table (TABLE=) and one of the following keywords expressions:

- TYPE=CREATE
- TYPE=ADD
- TYPE=REPLACE

CULPRIT checks the row-level criteria established for the specified user. For each row that does not meet the criteria, CULPRIT prints this message followed by the first 100 bytes of the record:

C760001 THE FOLLOWING ROWS WERE NOT STORED DUE TO STORAGE VIOLATIONS

CULPRIT prints the following information in the record layout:

- **OUTPUT RECORD NUMBER** specifies the number of the output record to be stored in the table. For example, the seventh record to be stored is OUTPUT RECORD NUMBER 7.
- **ERROR CODE** specifies one of two error codes:
  - **RLS** -- Identifies a row-level security violation on a STORE operation. This code occurs if you do not have authority to store rows that have a particular key value or values.
  - **1205** -- Identifies an IDMS/R error-status code. This code indicates that the row to be stored contains a duplicate key. This code occurs when CULPRIT attempts to store a row in a table for which duplicate keys are not allowed.

Figure 4-14 shows an example of this message and the record layout.

```
04/29/87                                   RUN TIME MESSAGES                                  Cxxxxx V10.2  PAGE    1

C760001 THE FOLLOWING ROWS WERE NOT STORED DUE TO STORAGE VIOLATIONS:

 OUTPUT                  R E C O R D    L A Y O U T
 RECORD   ERROR
 NUMBER   CODE

      1  1205       CHAR      BOSTON
                    ZONE   000CDEEDD4444444444 <------ CULPRIT does not store this row because
                    DIGIT  01C262365000000000000        it contains a duplicate key.
                         01...5...10....5...20

      2  1205       CHAR      CHICAGO
                    ZONE   000CCCCCCD4444444444
                    DIGIT  02C389317600000000000
                         01...5...10....5...20

     DATA TABLE UPDATE STATISTICS

     REPORT     FUNCTION        LR-NAME                                  ROWS      STORAGE
     ------     --------        -------                                  STORED    VIOLATIONS
                                                                         ------    ----------
       01        ADD          TEST1205                                     2          2
```

Figure 4-14. THE FOLLOWING ROWS WERE NOT STORED DUE TO STORAGE VIOLATIONS

OUTPUT PHASE ERRORS

Output phase errors, which are similar to input phase errors, occur during CULPRIT's CULE phase of processing. Specifically, the following types of errors can occur:

- Program checks due to invalid numeric data
- Numeric overflows
- Arithmetic divide exceptions

Error handling during the extract phase and during the output phase differ, however, in two significant respects:

- Extended error handling, as described under "Input Phase Errors" above, does not occur for output phase errors.
- Output phase error messages appear in the body of the report at the place where the error occurred.

Figure 4-15 shows an example of an error that occurred during the output phase.

```
                                                  10
                                                  10
                                                  10
                                                  10
                                                  10
                                                  10
                                                  10
                                                  10
W C750012 DECIMAL DIVIDE EXCEPTION IN REPORT 01
                                                  80
```

Figure 4-15. Output Phase Error

RECOVERY AFTER RUN-TIME ERRORS

Every time CULPRIT invokes EEHF, it performs recovery procedures to continue processing. The recovery procedure depends on:

- The type of error
- The error limit established at installation or on the PROFILE parameter, as described later in this section
- The error action indicated on the PROFILE parameter, as described later in this section

The recovery procedures handled by the Extended Error Handling Facility are:

- For **program check errors**, such as invalid numeric data, overflows, and divide exceptions (messages 1, 3, 4, and 8), CULPRIT reexecutes the associated code after it:
  - Assigns 0 to fields containing invalid numeric data
  - Truncates the high-order digits for data overflow in a field
  - Sets the result field to 0 in an arithmetic instruction that causes a divide exception

  CULPRIT does not modify the field value in the input buffer or in working storage. However, it does substitute another value depending on the process statement where the error occurs:

  - In a B HEAD instruction, detail, extract, or sort processing, the value printed, totaled, or sorted is 0 (zero).

- In procedure code, further effects will vary depending on the statement. If the original invalid field is a:
  - Calculated subscript, an assumed 0 (zero) value will cause an INVALID SUBSCRIPT condition
  - Calculated divisor, an assumed 0 (zero) value will cause a DIVIDE EXCEPTION.
  - Extracted field, processing will continue normally but the field is processed as though its value were 0 (zero).

- For **invalid subscripts** (message 2), CULPRIT terminates processing for the report and issues the following message:

  REPORT HAS BEEN TERMINATED

- For **invalid use of PERFORM, RETURN, or DB-EXIT instructions** (messages 5, 6, and 7), CULPRIT terminates processing for the report and issues the following message:

  REPORT HAS BEEN TERMINATED

- For **out-of-sequence match-file errors** (message 10), no recovery procedures are necessary. CULPRIT continues processing and returns all records to the report logic.

- For **invalid match-key errors**, CULPRIT continues processing, but assigns the invalid key the lowest value possible (for example, -999). CULPRIT matches the invalid key only with another invalid key value.

  If higher-order match keys are specified and all are equal, a record with an invalid key will be considered lower in the collating sequence than records with a valid key. The associated record will therefore be delivered to the report logic before any other records.

  NOTE: Invalid match keys do not affect sequence errors and are considered to be in the proper sequence. However, other match keys on the same record may cause an out-of-sequence condition.

- For **invalid numeric data in SELECT/BYPASS logic** (message 12), CULPRIT continues processing. CULPRIT assigns the invalid field the lowest possible value. For example, if the field is numeric, -999. For alphanumeric subscripted fields, (that is, the subscript is invalid), CULPRIT assigns hexadecimal zeros.

- For **invalid subscript values in SELECT/BYPASS logic**, CULPRIT abends the job and prints this message:

RUN TERMINATED, ABEND 998

Following this message, CULPRIT prints a system dump of all files, buffers, and work areas open at the time of the error.

ERROR-HANDLING OPTIONS FOR RUN-TIME MESSAGES

You can control:

- How many run-time messages print
- Actions to take once CULPRIT reaches its limit
- How hexadecimal dumps appear

HOW MANY MESSAGES PRINT

Section 1, "Introduction" introduces methods to control printing messages under "Methods for Controlling Messages". Table 4-4 identifies options on the PROFILE that control the number of times messages print. The *CULPRIT Reference* describes each option in detail.

When CULPRIT reaches the default or user-supplied limit for a particular type of error, it prints a message and continues to print messages of other types of errors until one of the following occurs:

- All error limits are exceeded.
- The run or report terminates.
- CULPRIT reaches the end of the file.

For example:

NUMBER OF MATCH KEY NUMERIC ERRORS HAS EXCEEDED *error-limit*
MESSAGES SUPPRESSED UNTIL END OF FILE

Table 4-4. PROFILE Parameter Options to Control Messages

PROFILE Option	Type of Error or Format	System Default
HD=	Horizonal (H) or vertical (V) input buffer dump format	V
EE=	Invalid numeric data	25
SE=	SELECT/BYPASS logic errors	25
ME=	Invalid numeric match-key errors	25
PE=	Program check in user procedure module	0
IE=	Program check in user input module	0
None	Match-file out-of-sequence errors	25

RUN-TIME ERROR ACTIONS

For each of the options (except HD=) in Table 4-4, you can specify CULPRIT's response if it prints the specified number of messages:

- ABEND or CANCEL -- Terminates the CULPRIT processing phase and generates a dump if requested
- STOP -- Forces end-of-file processing
- IGNORE -- Allows processing to continue

The total number of errors encountered in the run appear in the end-of-file, end-of-match, and end-of-report statistics. To suppress these statistics, specify ABEND or CANCEL for CULPRIT's response when CULPRIT exceeds the specified limit of errors.

HOW HEXADECIMAL DUMPS APPEAR

Figure 4-16 and Figure 4-17 show the vertical and horizontal options for a buffer dump. Each figure contains annotations explaining the report output.

```
04/28/87                                                RUN TIME MESSAGES                                    Cxxxxx V10.2  PAGE     1

  C350023 INVALID NUMERIC DATA ENCOUNTERED IN REPORT 01
  ERROR OCCURRED DURING PROCESSING DETAIL   LINE 1 FIELD   1

  MOST RECENT SUBSCRIPT VALUE            0

  INPUT BUFFER NUMBER            1

  RECORD BUFFER DUMP

              CHAR   %%%%TERRY     JANSEN         SESE-SEKO            EASTON         MA05491617773839H1202870166F1A0B710
              ZONE   6666ECDDE44444DCDECD444444444ECEC6ECDD444444444444CCEEDD444444444DCFFFFFFFFFFFFFFFCFFFFFFFFFFFCFCFCFCFC
              DIGIT  CCCC359980000011525500000000252502526000000000051236500000000041054916177738398120287016661102790 0
                    01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

              CHAR   0 0 0C0D4E520 MAIL ROOM                  ?@  D        ?   1   Z8  ?                ?    H   G        &
              ZONE   FCFCFCFCFCFCFFFCDCCD4DDDD4444444444B140B1006770CE40B3006850F170EF0069000008000803006000C000C00090225
              DIGIT  0000030445520041930966400000000004D684B005FC844084EA05F88418849805F4000B00006B0E05F40008000700100320
                   101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

  WORKFIELDS AT TIME OF INTERRUPT - REPORT NUMERIC

              CHAR          <
              ZONE   00000004
              DIGIT  0000001C
                    01...5...
```

Figure 4-16. Vertical Dump of Input Buffer and Work Fields

```
04/28/87                                                RUN TIME MESSAGES                                    Cxxxxx V10.2  PAGE     1

  C350023 INVALID NUMERIC DATA ENCOUNTERED IN REPORT 01
  ERROR OCCURRED DURING PROCESSING DETAIL   LINE 1 FIELD   1

  MOST RECENT SUBSCRIPT VALUE            0

  INPUT BUFFER NUMBER            1

  RECORD BUFFER DUMP

POSITION  ADDRESS  STORAGE

 00001    008750   6C6C6C6C E3C5D9D9 E8404040 4040D1C1   D5E2C5D5 40404040 40404040 40E2C5E2   *%%%%TERRY     JANSEN         SES*
 00033    000020   C560E2C5 D2D64040 40404040 40404040   40C5C1E2 E3D6D540 40404040 40404040   *E-SEKO            EASTON         *
 00065    000040   D4C1F0F5 F4F9F1F6 F1F7F7F7 F3F8F3F9   C8F1F2F0 F2F8F7F0 F1F6F6C6 F1C1F0C2   *MA05491617773839H1202870166F1A0B*
 00097    000060   F7C9F0C0 F0C0F0C0 F0C3F0C4 F4C5F5F2   F0C0D4C1 C9D34009 D6D6D440 40404040   *710.0.0.0C0D4E520.MAIL ROOM    *
 00129    000080   40404040 4004BD16 4804BB10 00056F7C   7804C4E0 4804BE3A 00056F88 5804F118   *        .........?@..D.......?...1.*
 00161    0000A0   7804E9F8 00056F94 0000000B 00800000   068B003E 00056F04 000000C8 000000C7   *..Z8..?...............?....H...G*
 00193    0000C0   00000190 00232250                                                            *.......&                       *

  WORKFIELDS AT TIME OF INTERRUPT - REPORT NUMERIC

POSITION  ADDRESS  STORAGE

 00001    034E78   00000000 0000014C                                                            *.......<                       *
```

Figure 4-17. Horizontal Dump of Input Buffer and Work Fields

Section 5

Abend Codes

CULPRIT provides an abend code in an error message when an error causes a program to terminate. For example, invalid use of a PERFORM instruction generates a run-time error for which CULPRIT terminates the run.

When a job abends, CULPRIT automatically assigns an abend code of 999. You can override this default abend code by supplying one or more abend codes on the PROFILE parameter. For more information, see the *CULPRIT Reference*.

CULPRIT returns abend codes in different places, depending on your operating system and whether you run CULPRIT as a 1-step job or a 5-step job. Table 5-1 lists each location. Figure 5-1 illustrates an abend code in a 5-step CULPRIT job that ran under MVS.

Table 5-1. Location of Abend Codes in Output

Operating System	Job Steps	Location of Abend Codes
MVS	1	Job return code
MVS	5	In the job log, as a user abend code and return code for the job step
VSE	1, 5	Does not appear in the CULPRIT listings
VM/CMS	1	VM/SP system console
VM/CMS	5	VM/SP system console
BS2000	5	In the SYSOUT and SYSLST files

Each of the abend codes that CULPRIT generates appears in the list below. The list indicates:

- The abend code number
- A description of the abend code
- The CULPRIT module that generates the abend
- The operating system to which the abend code applies, if necessary
- The messages that precede the abend code, if any

```
                    J E S 2   J O B   L O G   --   S Y S T E M   J E S B   --   N O D E   C U L L I N E T

15.46.43 JOB 1446  TSS7011 LHN       LAST-USED 29 APR 87 15:43 SYSTEM=SYSB FACILITY=BATCH
15.46.43 JOB 1446  TSS7021 COUNT=01166  MODE=WARN  LOCKTIME=NONE NAME=L NELKEN
15.46.43 JOB 1446  $ LHN$5051 STARTED - INIT  4 - CLASS B - SYS JESB
15.46.43 JOB 1446  ** RUN FOR NELKEN-- - DESCRIPTION: LHN-C0600-NELKEN
15.46.43 JOB 1446  ** COMPANY: CULL - GROUP: 0600 - PROJECT: ---- - BIN: LBC0
15.46.43 JOB 1446  ** JOB TIME LIMIT FOR LHN$5051 SET TO    21.70 SECONDS.
15.46.49 JOB 1446  IEC130I CULSRT11 DD STATEMENT MISSING
15.46.51 JOB 1446  IEA995I SYMPTOM DUMP OUTPUT
                    ABEND CODE [USER= 0998] TIME=15.46.50 SEQ=04298 CPU=0000 ASID=0037
                    PSW AT TIME OF ERROR  07800400  0001D0B6  ILC 2  INTC 00
                      ACTIVE LOAD MODULE=CULL       ADDRESS=00009988  OFFSET=000136FE
                      DATA AT PSW  0001D0B0 - 000207FB  0A000000  0001C028
                      GPR  0-3  00000001  800003E6  000003E6  010351D8
                      GPR  4-7  0001DBCC  000351F4  00035208  00034E28
                      GPR  8-11 00000008  0001CEFA  0000ABD8  B401CF7E
                      GPR 12-15 0001C028  0001C044  7401CF88  00013650
                    END OF SYMPTOM DUMP
15.47.07 JOB 1446  -                                  - - - -EXCP  COUNTS- - -  --PROCESSOR UTILIZATION-- ---REGION USED---
15.47.07 JOB 1446  -JOBNAME  STEPNAME PROGRAM    RC      DISK   TAPE    VIO  OTHER    TCB      SRB   PERCENT  PRIVATE EXTENDED
15.47.07 JOB 1446  -LHN$5051 [CULPRIT  CULPRIT   0998]    55      0      0      0     1.59      .26   7.70%    1040K    2048K
15.47.07 JOB 1446  $M4;F INTERAPP,TO LHN JOB LHN$5051 ENDED
15.47.07 JOB 1446  $M3;F INTERAPP,TO LHN JOB LHN$5051 ENDED
15.47.07 JOB 1446  $M2;F INTERAPP,TO LHN JOB LHN$5051 ENDED
15.47.07 JOB 1446  $M1;F INTERAPP,TO LHN JOB LHN$5051 ENDED
15.47.07 JOB 1446     F INTERAPP,TO LHN JOB LHN$5051 ENDED
15.47.07 JOB 1446  -LHN$5051 UMSG     SMSG      0000      0      0      0      0      .02      .00  15.38%      8K       4K
15.47.07 JOB 1446  -LHN$5051 UMSG     SMSG     FLUSH      0      0      0      0      .00      .00    .00%      0K       0K
15.47.07 JOB 1446  -LHN$5051 -------- -------- ----- ------ ------ ------ ------ -------- -------- ------ -------- --------
15.47.07 JOB 1446  -LHN$5051 ***JOB SUMMARY***  0998     55      0      0      0     1.61      .26   7.66%    1040K    2048K
15.47.08 JOB 1446  $ LHN$5051 ENDED
```

The CULPRIT step abended in an MVS 5-step job. The abend code is 998.

Figure 5-1. Abend Code in an MVS 5-Step CULPRIT Job

Abend Code	Description
11	Indicates that the input module was unable to open the named input file in a match-file run. It follows: MATCH ERROR ON FILE *file name* RECORD NUMBER IS *record count* ERROR ON OPEN **Module: CULL**

Abend Code	Description
22	Indicates that an I/O error occurred reading the named input file in a match-file run. It follows: MATCH ERROR ON FILE *file name* RECORD NUMBER IS *record count* I/O ERROR ON READ **Module: CULL**
33	Indicates that CULPRIT encountered a variable-length record that was longer than the maximum record size specified for the match file. The record size is specified on the INPUT parameter defining the named match file. It follows: MATCH ERROR ON FILE *file name* RECORD NUMBER IS *record count* RECORD SIZE IS GREATER THAN *record size* **Module: CULL**
99	Indicates that CULPRIT abended with the system abend code indicated in the CULPRIT Controller Messages Listing. Refer to the appropriate operating systems manual to determine the cause of the termination. A dump may occur depending on the system abend code. It follows: CULPRIT JOB CANCELLED AFTER *program-name* (CONT) SYSTEM ABEND CODE = *code* **Module: CULPRIT**
100	Indicates that a system internal error occurred because the space calculated for the named table was exceeded. A dump is generated. It follows: ABEND 100, TABLE OVERFLOW - *table-name* **Module: CULL, CULE**
100	Indicates that CULPRIT could not obtain enough storage for the named table in the specified module of the precompile phase. A dump is generated. It follows: RUN CANCELLED DUE TO INSUFFICIENT STORAGE FOR *csect/table-name* (CONT)NUMBER OF BYTES REQUESTED *bytes* **Module: CULP0**

Abend Code	Description
101	Indicates that CULPRIT exceeded the record length specified in the JCL for the extracted items and statistics file. The record length is the sum of the following, rounded up to a multiple of 4: □ The number of characters in the sort fields □ The number of sort keys plus 16 bytes □ The maximum number of characters in variable fields on one detail line A dump is generated. This abend code follows these messages: LOGIC ERROR, DCBLRECL EXCEEDED BY CULL (CONT) CONTACT CULLINET TECHNICAL SUPPORT **Module: CULL**
102	This abend results when the reports are not sorted and the JCL does not include a NOSORT file. Reports that do not include a SORT parameter or specify the NOSORT option on the SORT parameter must be written to the file defined by ddname SYS008 (or the installation default). This abend code follows: NOSORT DATASET IS A NULL FILE **Module: CULL**
200	Generates a dump. This abend code occurs for one of the following reasons: □ A CULPRIT system error. □ An unrecognizable record on the sorted extracted items and statistics file. □ A JCL error. If you run 1-step CULPRIT jobs, check the JCL statement for the extract file (the default is SYS006). If you run 5-step CULPRIT jobs, check the JCL statements for: • The extract file in the CULL step • The input file to the SORT step

Abend Code	Description

- The input file to the CULE step

The default for each step is SYS006.

This abend code follows:

```
CULPRIT SYSTEM ERROR.
ABEND 200
```

Module: CULE

200 **VSE users only** -- Results when not enough work space is allocated to link the CULL program. Relink CULL with a larger work space or decrease the complexity or number of reports in the run. This abend code follows:

RUN CANCELLED DUE TO INSUFFICIENT STORAGE
(CONT)MODULE, TABLE OR BUFFER - *name*
(CONT)ADDITIONAL BYTES NEEDED - *bytes*

NOTE: *Bytes* indicates only the number of bytes needed for the named module, table, or buffer. This number should be considered a minimum size increase; more space may be allocated by CULPRIT later in the step.

Module: CULL

200 **VSE users only** -- Results when the record length of the Extracted Items and Statistics file exceeds the block size defined for that file in the profile CSECT (CULXPROF). For more information about CULXPROF, see the *Cullinet System Software -- Integrated Installation Guide*. This abend code follows:

EXTRACT RECORD LENGTH EXCEEDS BLKSIZE FOR *file-name*

Module: CULL

201 Results when a system error occurs while trying to write a line to the printer when the output file is closed. A dump is generated.

Module: CULE

205 Results when CULPRIT calls PANVALET to resolve an =COPY or an =MACRO request, but the PANDD1 statement is missing.

Module: CULP0

Abend Code	Description
500	Results when CULPRIT unsuccessfully attempts to open an extracted items, NOSORT, or work file. The JCL may contain an error. A dump is generated for work-file errors only. This abend code follows: UNABLE TO OPEN *file-name* **Module: CULE**
500	Results when CULPRIT failed to open an output print file (the default ddname is SYS004). The JCL may contain an error. **Module: CULP0, CULL, CULE**
500	Results when the SYSIN DD statement does not exist in the JCL stream. **Module: CULP0**
988- 997	Result when CULPRIT performs extended error handling for a data error, but was unable to resume processing. A dump is generated. The abend codes follow: INTERNAL ERROR - RECOVERY CANNOT CONTINUE **Module: CULL**
998	Results when a subscript used to reference a field on a SELECT/BYPASS parameter contains a negative or nonnumeric value. It follows: INVALID SUBSCRIPT VALUE IN SELECTION PROCESS **Module: CULL**
999	CULPRIT exceeded the number of numeric data errors specified by the user and performed the default or user-specified error action: ABEND. For more information about methods to control these errors, see Section 4, "Extended Error Handling Facility." The abend code follows: RUN TERMINATED AT USER'S REQUEST **Module: CULE**

Abend Code	Description
999	An unidentifiable program check occurred for which CULPRIT generates a dump. You cannot override this abend code. It follows: PROGRAM CHECK INTERRUPT REG7 POINTS TO PSW AND REGS0-15 **Module: CULL**
999	CULPRIT exceeded the default or user-supplied limit for numeric data errors in the edit step. The system default is 0 (zero). You can override this limit and can change the ABEND code by using the OE= option on the PROFILE parameter, as described in the *CULPRIT Reference*. Possible causes of this error are: □ Invalid numeric sort keys □ Errors in a user output module CULPRIT generates a dump unless the OE= option cancels it. This abend code follows: CANCEL AT USER REQUEST - ABEND 999 **Module: CULE**
2222	**IDMS/R users only** -- Occurs when CULPRIT encounters an error trying to access the data dictionary, causing IDMS/R to abort. The abend code follows: ABORTING CULPDRES - *idms-version culprit version* (CONT) DML SEQUENCE - *dml-sequence* (CONT) ERROR STATUS - *error-status* (CONT) ERROR RECORD - *error-record* (CONT) ERROR SET - *error-set* (CONT) ERROR AREA - *error-area* (CONT) LAST GOOD RECORD - *record-name* (CONT) LAST GOOD AREA - *area-name* For more information about this abend code, see *Cullinet System Software -- Error Codes and Messages*. **Module: CULP0**

Section 6

RSUB Codes

IDMSRSUB is an IDMS/R program that handles all requests for tables CULPRIT issues. RSUB codes are generated any time a table function passes a nonzero return code to CULPRIT. TDB (table definition block) codes always accompany RSUB codes. The table definition block is used to pass information between CULPRIT and IDMSRSUB.

CULPRIT prints RSUB codes on the Sequential Parameter Listing and the Input Parameter Listing, as follows:

- Sequential Parameter Listing -- After errors occur trying to access a table specified on the INPUT parameter. Figure 6-1 shows an example.

- Input Parameter Listing -- After errors occur on the following parameters:

  - An OUTPUT parameter that specifies CREATE, ADD, REPLACE, DELETE, or GENERATE

  - A type 5 or type 6 edit parameter that has errors

  RSUB codes can also appear just before the EXTRACT WILL BE PERFORMED message.

```
04/29/87                                SEQUENTIAL PARAMETER LISTING                    Cxxxxx V10.2  PAGE    1

00 ** SYSIN **                                DATABASE DICTNAME=ASFDICT
                                              PROFILE USER=DOC2 PW=
  C200138 INSTALLATION SECURITY OPTION IS NO
                                              INPUT TABLE=ACCOUNTING
W C200074 KEYWORD EXPECTED - TYPE=
  (CONT)  CULPRIT WILL SUBSTITUTE TYPE=COPY

E C700020 IDB GET TABLE ERROR DC551040 (E) CATALOG ERROR: TABLE WAS NOT FOUND
  (CONT)  RSUB RETURN CODE: 0040
  (CONT)  TDB  MINOR  CODE: 002
W C700048 CULPRIT IS UNABLE TO GENERATE A PATH CARD.  DATA DICTIONARY
  LOOKUP IS ALSO SUPPRESSED, AND THIS WILL BE THE CAUSE OF OTHER ERRORS
                                              0151*001 DEPT-NAME
                                              0151*002 EMP-ID
                                              0151*003 EMP-NAME
F C200229 PATH PARAMETER IS REQUIRED
```

RSUB and TDB code CULPRIT prints after attempting to access table ACCOUNTING.

Figure 6-1. RSUB and TDB Codes in the Sequential Parameter Listing

Table 6-1 lists each RSUB code that CULPRIT reports along with a short description.

Table 6-1. RSUB Codes Produced by CULPRIT

Code	Description	Recovery
0005	IDMSRGEN is in use.	Try again later.
0007	Error status code 1211 encountered in data conversion.	Call your DBA.
0010	The requested table is in use.	Try again later.
0011	The table cannot be deleted.	Passkey authority required to delete the table.
0015	The table cannot be generated to IDMS/R area.	Call your DBA.
0040	A catalog error occurred.	Call your DBA.
0100	The area cannot be found for GENERATE.	Correct the name of the area on the AREA= keyword expression.
0101	The area specified is not an extent area.	Correct the name of the area on the AREA= keyword expression.

(continued)

Table 6-1 (cont). RSUB Codes Produced by CULPRIT

Code	Description	Recovery
0171	The primary, secondary, or maximum number of rows exceeds the greatest number of bytes possible.	Correct the size specified on the SIZE= keyword expression.
0172	The number of bytes exceeds the maximum allowed.	Correct the size specified on the SIZE= keyword expression.
0173	Space is not available for the table.	Call your DBA.

Appendix A

Messages Listed in Alphabetical Order

Table A-1 cross-references each CULPRIT message to its message id. The messages appear in alphabetical order.

Table A-1. Cross-Reference of Messages to Message Id

Message	Message Id
A KEY-VALUE EXPRESSION IS REQUIRED IN YOUR WHERE CLAUSE	C850036
ABEND 100, TABLE OVERFLOW - table-name	C750016
ABORTING CULPDRES idms/r-version culprit-version	C200086
ACCESS NOT AUTHORIZED FOR FILE/SUBSCHEMA	C200171
ALL SUCCEEDING PARAMETERS IGNORED	C200188
ALPHA OR NUMERIC WORK FIELDS EXCEED 32K	C300081
ALPHA PARAMETER LEFT JUSTIFIED	C200040
ALTERNATE ASSIGN INVALID	C200028
AN OUT OF SEQUENCE CONDITION HAS ARISEN	C350058
ARG X TOO LARGE. VALUE = 999999999999912345678	C000002
ARG 1 (CONVERSION CODE) VALUE arg1-code	C025002
ARG 2 (KEY LENGTH) VALUE arg2-code INVALID FOR	C025003

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
ARG 4 (RETURN RECORD LENGTH) INVALID OR NOT SET	C025004
ARGUMENT IS INVALID	C200077
ARG1 (BIT STRING ADDRESS) NOT INITIALIZED	C050001
ARG1 (SENDING FIELD ADDRESS) NOT INITIALIZED	C045001
ARG1 (START ADDRESS) NOT INITIALIZED	C046001
ARG1 NOT INITIALIZED	C048001
ARG2 (RECEIVING FIELD ADDRESS) NOT INITIALIZED	C045002
ARG2 (RECEIVING FIELD ADDRESS) NOT INITIALIZED	C050002
ARG2 (SEARCH CHARACTER ADDRESS) NOT INITIALIZED	C046002
ARG3 (LENGTH) IS NEGATIVE OR 0	C050005
ARG3 (LENGTH) NOT IN 8 BYTE PACKED FIELD	C050004
ARG3 (LENGTH) NOT INITIALIZED	C050003
ARG3 (LENGTH RETURN ADDRESS) NOT INITIALIZED	C046003
ARG3 OR ARG4 (LENGTH) IS NEGATIVE	C045004
ARG3 OR ARG4 (LENGTH) NOT IN 8 BYTE PACKED FIELD	C045003
ARG3 OR ARG4 (LENGTHS) NOT 8 BYTE PACKED	C046005
ARG4 (SEARCH LENGTH) IS NEGATIVE	C046006
ARG4 (SEARCH LENGTH ADDRESS) NOT INITIALIZED	C046004
ASSUMING KEY FOR IDMS ACCESS	C200017
ATTEMPT TO DELETE TABLE AFTER ERROR FAILED	C700040
AUTO-ATTRIBUTES IS auto-attribute-option	C200186
AUTO-HEADER EXTENDS BEYOND RECORD	C300071

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
AUTO-HEADER GENERATED LINE NUMBER EXCEEDS 8 rrllpppp	C200120
AUTO-HEADER LITERAL OVERFLOW	C200021
AUTO-HEADER ORIGIN CODE INVALID	C200020
AUTO-HEADER REQUEST CANNOT BE RESOLVED rrllpppp	C200119
AUTO-HEADERS NOT GENERATED -- POSITION IS ZERO	C200118
AUTO-HEADERS ON BOTH 5-CARDS AND 6-CARDS	C200117
AUTO-HEADERS ON 6-CARD BUT NOT T-ONLY REPORT	C200116
BACKWARD SEQUENCE NUMBER REFERENCE MAY CAUSE LOOP	C300050
BAD RESTART PARAMETER	C750019
BAD RETURN CODE FROM GNRC. ABORT	C200208
BASE FILE INCONSISTENT WITH PRIOR	C400018
BASE RECORD READ ERROR, STATUS = idms-error-status	C850004
BIND ERROR, STATUS = idms-error-status	C750051
BIND ERROR, STATUS = idms-error-status	C850002
BLOCK SIZE CHANGED TO NEXT MULTIPLE OF RECORD SIZE	C200037
BLOCK SIZE MISSING OR INVALID	C200032
BLOCK SIZE MISSING OR INVALID	C300013
CALCULATED LRECL EXCEEDS FILE SPECIFICATION	C300103
CALL CANCELLED, 25 MODULES HAVE ALREADY BEEN CALLED	C000001
CANCEL AT USER REQUEST - ABEND abend-code	C750017
CANCEL OF REPORT	C750005
CANCEL WITH DUMP TO AID PROBLEM DIAGNOSIS	C200239

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
CANNOT OPEN (CLOSE) SUPPORT FILE ffff-ssss	C400012
CARD TYPE IS INVALID	C300006
CARRIAGE CONTROL IS INVALID	C200129
CARRIAGE CONTROL IS INVALID	C300041
CHANGE CARD TABLE OVERFLOW	C200065
CODE NOT DEFINED	C064004
COLUMN ONE IGNORED	C200165
COMPARE FIELDS ARE UNEQUAL - SMALLER FIELD IS USED	C300060
CONDITION NAME NOT VALID IN ARITHMETIC EXPRESSION	C200219
CONSOLIDATION LIMIT OF 999 TABLES EXCEEDED	C850029
CONTROL BREAK CODE INVALID	C300027
CONTROL CARD INVALID	C200067
CULP HAS CORRECTED YOUR COLUMN SPECIFICATION	C300122
CULPRIT INPUT BUFFER CAPACITY EXCEEDED	C200135
CULPRIT IS UNABLE TO GENERATE A PATH CARD.	C700048
CULPRIT JOB CANCELLED AFTER program-name	C700007
CULPRIT SYSTEM ERROR	C110006
CULPRIT SYSTEM ERROR HAS OCCURRED DURING device-type	C750021
CULPRIT SYSTEM ERROR. ABEND 200	C750018
CULPRIT/DIRECTORY INTERFACE culpdres-version-number	C200084
CURRENT TERMINAL NODE HAS INVALID BR CODE. ABORT	C200204
DATA ERRORS IN INPUT MODULE HAVE EXCEEDED	C350035

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
DATA ERRORS IN USER PROCEDURE MODULE HAVE EXCEEDED	C350032
DATA TABLES REQUIRE TABLE= KEYWORD	C202010
DATA TYPE INVALID WITH ARITHMETIC OPERATION	C200211
DATA TYPE IS INVALID	C200125
DATA TYPE IS INVALID	C300022
DCBLRECL DIFFERS FROM SPECIFIED RECORD SIZE FOR file-name	C350013
DD SPECIFIED FOR PRINTED OUTPUT	C200161
DECIMAL DIVIDE EXCEPTION IN REPORT report-number	C350025
DECIMAL DIVIDE EXCEPTION IN REPORT report-number	C750012
DECIMAL OVERFLOW IN ARITHMETIC OPERATION IN REPORT	C750011
DECIMAL POINT CODE IS INVALID	C200022
DECIMAL POINT SPECIFICATION IGNORED	C300073
DEFAULTED - VSAM KEY SEQUENCED OUTPUT	C130007
DEPENDING ON FIELD DECIMAL OR TOO LONG	C300111
DEPENDING ON FIELD NON-NUMERIC FOR GROUP group-id	C300101
DEPENDING ON FIELD NOT FIXED FOR GROUP group-id	C300091
DEPENDING ON FIELD UNDEFINED FOR GROUP group-id	C300090
DICTIONARY READ ERROR ON KEY NAME ssss	C400011
DICTIONARY READ MODULE, CULPDICR, NOT LINKED	C200249
DICTIONARY SECURITY OPTION IS security-level	C200175
DIRECTORY/DICTIONARY FILE(DEVICE) TYPES file-type device-type	C200176
DIRECTORY/DICTIONARY OVERRIDE ATTEMPT	C200173

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
DIVISOR EXCEEDS MAXIMUM SIZE OF 8 BYTES	C200215
DP= CODED AFTER INITIAL VALUE	C200002
DP= INVALID ON ALPHA REC PARM	C200001
DP= INVALID ON GROUP REC PARAMETER	C200181
DP= SPECIFICATION IGNORED FOR MATCH	C200182
DUPLICATE INPUT PARAMETER	C300008
DUPLICATE LINE NUMBER IGNORED	C200150
DUPLICATE OR ILLEGAL TITLE PARAMETER	C300037
DUPLICATE OR INVALID FIELD POSITION	C300021
DUPLICATE OR INVALID SEQUENCE NUMBER	C300052
DUPLICATE OUTPUT CARD	C300025
DUPLICATE OUTPUT OR SORT PARAMETER	C200167
DUPLICATE SORT CARD	C300020
DUPLICATED SORT CONTROL PARAMETER field-description	C350008
E-LEVEL ERROR DETECTED IN CULPO STEP	C300079
E-LEVEL ERROR DETECTED IN, CULPO STEP	C800004
E-LEVEL ERRORS - EXTRACT NOT PERFORMED	C300019
E-LEVEL ERRORS - REPORT NOT PROCESSED	C300055
E-LEVEL ERRORS IN SEL STATEMENT	C200160
EDIT INDICATORS GIVEN FOR A/N FIELD	C300011
EDIT LITERALS EXCEED LIMIT	C300116
EDIT PARAMETER MISSING	C300004

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
ELEMENT DOES NOT EXIST IN DICTIONARY	C200206
ELEMENT DOES NOT EXIST IN SUBSCHEMA	C200207
ELEMENT NOT UNIQUE IN SUBSCHEMA	C200210
EMBEDDED BLANKS IN ALPHA PARAMETER	C200039
END STATEMENT NOT PAIRED WITH USE *	C200252
ENTITY NOT DEFINED	C064003
ENTRY RECORD SET INVALID set-name	C200108
ERRONEOUS TOKEN AFTER character-string	C200079
ERROR IN MODULE CONTROL CARD - syntax-error	C110007
ERROR IN vsam-macro R15=X'contents'	C025007
ERROR IN WHERE CLAUSE FOR PATH path-id	C200195
ERROR OF UNKNOWN ORIGIN	C200223
ERROR ON GENERATED RECORD PAST SYSIN EOF	C200194
ERROR ON OPEN	C350068
ERROR ON SIGNON	C400019
ERROR READING CULPRIT PARAMETERS	C200046
ERROR READING LOGICAL RECORD, STATUS = lr-error-status	C850034
ERRORS DETECTED IN CULPO STEP	C300068
EXPANDED CARD IS INVALID	C200253
EXPECTING #, DATANAME, OR NESTED EXPR AFTER + OR -	C200198
EXTRACT FILE EMPTY. RUN TERMINATED.	C750001
EXTRACT NOT PERFORMED AT USERS REQUEST	C300003

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
EXTRACT RECORD LENGTH EXCEEDS BLOCKSIZE FOR ddname/file-name	C350009
EXTRACT SUPPRESSED BECAUSE OF ERRORS	C850001
EXTRACT TERMINATED AT USERS REQUEST	C350075
EXTRANEOUS =MEND	C200068
F-LEVEL ERROR DETECTED IN CULPO STEP	C300078
F-LEVEL ERROR DETECTED IN CULPO STEP	C800003
FAILURE IS GET. R15=X'04'	C025008
FATAL ERROR(S), EXTRACT NOT PERFORMED	C550008
FATAL ERRORS - EXTRACT NOT PERFORMED	C300056
FATAL ERRORS - EXTRACT NOT PERFORMED	C450005
FATAL ERRORS DETECTED IN CULPO STEP	C300082
ffff FILE NOT FOUND IN DICTIONARY ssss	C400008
FIELD IS UNDEFINED	C300032
FIELD NAME INVALID	C200178
FIELD NAME IS INVALID	C300057
FIELD NAME PREVIOUSLY DEFINED	C300007
FIELD NAME UNKNOWN TO DICTIONARY field-name	C200106
FIELD NAME UNKNOWN TO LEGAL RECORD field-name	C200105
FIELD NOT NUMERIC IN REPORT report-number	C750010
FIELD POSITION EXCEEDS BUFFER CAPACITY	C300065
FIELD POSITION EXTENDS BEYOND RECORD	C200060
FIELD POSITION EXTENDS BEYOND RECORD	C300024

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
FIELD POSITION EXTENDS BEYOND RECORD	C300067
FIELD SIZE EXCEEDS LIMIT FOR B HEAD	C300118
FIELD SIZE EXCEEDS LIMIT FOR CONVERT	C300120
FIELD SIZE IS INVALID	C300023
FIELD SIZE TOO LARGE -- field-size	C850027
FIELD 1 IS INVALID	C300047
FIELD 2 IS INVALID	C300048
FILE CLOSED DUE TO I/O ERROR ON VSAM PUT	C130003
FILE IS NOT A MASTER OR VARIABLE FILE	C450012
FILE MATCH WITH DATABASE INPUT INVALID	C200011
FILE NAME INVALID	C200042
FILE NOT DEFINED ON DICTIONARY RDMS-file-id	C500013
FILE NOT DEFINED TO DIRECTORY/DICTIONARY	C200170
FILE NOT FOUND IN HIR ENTRIES	C400007
FILE NUMBER INVALID	C200058
FILE REQUESTED NOT ON DICTIONARY file-name	C200082
FILE TYPE OR QUALIFIER INVALID	C200029
FINISH ERROR, STATUS =	C850030
FORMAT CODE IS INVALID	C200130
FORMAT CODE IS INVALID	C300064
GENERATED CODE EXCEEDS 32K	C300107
GROUP ALREADY DEFINED	C300084

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
GROUP ALREADY HAS SUBSCRIPT	C300098
GROUP ID IS INVALID	C200156
GROUP ID IS INVALID	C300083
GROUP ID NOT SPECIFIED	C300085
GROUP NOT DEFINED	C300097
HEADERS/FOOTINGS EXCEED 1330 CHARACTER MAXIMUM	C120006
HIR COUNT EXCEEDS MAXIMUM	C500006
HIR ENTRY INCONSISTENT WITH PRIOR ENTRIES	C500008
HTH PARAMETER SYNTAX ERROR	C500016
I/O ERROR ON OPEN	C350021
I/O ERROR ON OPEN VSAM FILE	C130005
I/O ERROR ON READ	C350069
IDB ACTION PARAMETER MISSING - REQUIRED	C700015
IDB ADD FIELD ERROR	C700030
IDB ADD TABLE ERROR	C700027
IDB DELETE ERROR	C700039
IDB GENERATE ERROR	C700033
IDB GET FIELD ERROR	C700024
IDB GET TABLE ERROR	C700021
IDB SIGNOFF ERROR	C700036
IDB SIGNON ERROR	C700018
IDD NOT SUPPORTED	C200083

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
IDMS CULPRIT INPUT BUFFER SIZE EXCEEDED	C800007
IDMS ERROR STATUS = IDMS-error-status	C750055
IDMS ERROR STATUS = idms-error-status	C850011
ILLEGAL COMBINATION OF KEYFILE AND KEY CARD	C800011
ILLEGAL CONTINUATION	C200230
ILLEGAL DECIMAL POINT SPECIFICATION	C300114
ILLEGAL FORMAT FOLLOWING FILE	C400001
ILLEGAL OR NO S*ID SPECIFIED	C400006
ILLEGAL RESULT FIELD IN TOTAL PROCEDURE	C300063
ILLEGAL SUBSCRIPT	C200225
INCOMPATIBLE FIELD(S) DETECTED.	C700045
INCOMPATIBLE VERSIONS OF CULPO AND CULL	C300039
INCOMPLETE PARAMETER CARD	C200006
INCOMPLETE QUALIFIED EXPRESSION	C200009
INCOMPLETE SUBSCRIPTED EXPRESSION	C200008
INCONSISTENT DD SPECIFICATIONS	C200157
INCONSISTENT PATH ENTRY RECORD record-name	C200107
INCONSISTENT PATH ENTRY SET set-name	C200114
INCREMENT VALUE INVALID	C200155
INEXPLICABLE ERROR DURING CULLMTCH	C350073
INFO-COLUMNS EXTEND BEYOND RECORD	C300072
INITIAL VALUE INVALID	C200140

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
INPUT CARD DROPPED	C200052
INPUT DECIMAL SPECIFICATION IGNORED	C300115
INPUT FILES ARE BEING SINGLE BUFFERED	C350074
INPUT PARAMETER MISSING	C300001
INPUT RECORD SIZE IS INVALID	C300009
INSTALLATION SECURITY OPTION IS option	C200138
INSUFFICIENT PASSKEY AUTHORIZATION	C700050
INSUFFICIENT STORAGE FOR THE GRE/GRD	C200218
INSUFFICIENT STORAGE FOR THIS LITERAL	C200216
INTERNAL ERROR - RECOVERY CANNOT CONTINUE	C350045
INTERNAL LIMITS DO NOT PERMIT FOOTINGS WHEN LOGICAL LINE SIZE	C120005
INTERNAL STACK HAS INSUFFICIENT SPACE. ABORT	C200205
INTERRUPT DURING EXECUTION OF INPUT MODULE FOR ddname/filename	C350072
INVALID ASSEMBLY OF PROFILE CSECT	C200228
INVALID BREAK CODE	C200164
INVALID CONTROL RECORDS. CULPO/SORT NOT RUN	C300066
INVALID DATA TYPE OR LENGTH FOR MATCHES/CONTAINS OP	C200213
INVALID DICTIONARY RECORD	C500001
INVALID EXPRESSION IN PARENTHESES	C200200
INVALID NAME USED IN WHERE CLAUSE -- path-id	C800009
INVALID NESTED CONDITION	C200222
INVALID NUMERIC DATA ENCOUNTERED IN REPORT report-number	C350023

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
INVALID NUMERIC DATA IN MATCH KEY FIELD	C350051
INVALID NUMERIC DATA IN SELECTION PROCESS	C350079
INVALID NUMERIC TOKEN	C200149
INVALID OR MISSING OPERAND FOR RELATIONAL OPERATOR	C200199
INVALID OR MISSING OPND FOR BOOLEAN AND/OR/NOT OP	C200221
INVALID PASSWORD	C200187
INVALID RANGE OF COLUMNS/STMT # S/LINE # S/SEQ #	C200244
INVALID RELATIONSHIP TO PRIOR ENTRY IN PATH path-id	C200109
INVALID SIZE OR DP SPECIFICATION FOR SUBSCRIPT	C300109
INVALID STRING ID ON HIR PARAMETER	C500014
INVALID SUBSCRIPT VALUE IN SELECTION PROCESS	C350082
INVALID SUBSCRIPT VALUE USED IN REPORT report-number	C350026
INVALID SYNTAX IN VALUE OR DEFAULT EXPRESSION	C200242
INVALID TOKEN IGNORED	C200005
INVALID TYPE CODE	C850026
INVALID USE OF DB-EXIT IN REPORT report-number	C350029
INVALID USE OF PERFORM IN REPORT	C350027
INVALID USE OF RESERVED WORD	C200038
INVALID USE OF RETURN IN REPORT report-number	C350028
ISAM KEY MISSING OR INVALID	C300018
ISAM LOAD - DUPLICATE RECORD. DATASET CLOSED	C750026
ISAM LOAD - INCORRECT RECORD LENGTH	C750027

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
ISAM LOAD - RECORD OUT OF SEQUENCE. DATASET CLOSED	C750025
ISAM LOAD - SPACE NOT FOUND	C750024
ISAM LOAD - UNCORRECTABLE OUTPUT ERROR	C750023
ISAM MODULE EXECUTION ERROR	C750041
ISAM OUTPUT INITIALIZATION ERROR	C750040
ISAM READ - BLOCK COULD NOT BE REACHED	C350002
ISAM READ - CULPRIT SYSTEM ERROR	C350003
KEY FIELD EXTENDS BEYOND RECORD	C200179
KEY FIELD INDICATORS MISSING OR INVALID	C200154
KEY NAME NOT KEY OF BASE FILE	C400016
KEY PARAMETER COUNT EXCEEDS MAXIMUM	C500009
KEY TABLE OVERFLOW	C800002
KEY VALUES SUPPLIED OVERFLOW KEY TABLE	C400013
KEYFIELD NAME INVALID key-field-name	C200113
KEYFILE READ ERROR	C550012
KEYFILE READ ERROR	C850010
KEYFILE READ ERROR - RUN TERMINATED	C450009
KEYWORD EXPECTED keyword	C200074
KEYWORD NAME NOT VALID IN ARITHMETIC EXPRESSION	C200220
KEYWORD ONLY VALID FOR DATA TABLES	C202008
KEYWORD ONLY VALID FOR PRIMARY DATA TABLE	C202009
KEYWORD PARAMETER INVALID keyword-option	C200034

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
LABEL TYPE IS INVALID	C200035
LABEL TYPE IS INVALID	C300010
LAST TWO DIGITS OF DDNAME ddname/file-name	C120001
LAST XDE IN USER WHERE CLAUSE IS INVALID	C850035
LEFT PAREN MISSING	C200177
LENGTH OF ALPHA TABLE ENTRIES EXCEEDS 256	C062001
LENGTH OF FIRST LITERAL VALUE USED	C200141
LENGTH OF NUMERIC TABLE ENTRIES NOT 8 OR 16	C062002
LINE NUMBER IS INVALID	C200128
LINE NUMBER IS INVALID	C300038
LINES/PAGE INVALID	C200133
LINES/PAGE INVALID	C300028
LINK GROUP UNDEFINED link-group-id	C300089
LITERAL IS INVALID	C200014
LOAD FAILED. RC = XX'	C000003
LOGIC ERROR ON VSAM PUT	C130002
LOGIC ERROR ON VSAM READ	C350018
LOGIC ERROR. DCBLRECL EXCEEDED BY CULL	C350010
LOGICAL CONJUNCTION OPERAND NOT DATA TYPE = BIT	C200212
LOGICAL I/O ERROR ON VSAM GET	C110003
LOGICAL STRING PROGRESSION ERROR	C500007
MATCH ERROR ON FILE ddname/filename	C350071

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
MATCH KEY DATA TYPE CONFLICTS WITH PREVIOUS KEY	C200027
MATCH KEY FIELD INVALID	C200043
MATCH WILL TAKE PLACE	C200062
MAXIMUM NUMBER OF FILES EXCEEDED	C200136
MAXIMUM NUMBER OF IDMS RECORD NAMES EXCEEDED	C200112
MAXIMUM NUMBER OF IDMS RECORD NAMES EXCEEDED	C800008
MEMBER NAME IS INVALID	C200071
MEMBER RECORD READ ERROR, STATUS = idms-error-status	C850006
=MEND MISSING	C200061
MESSAGES SUPPRESSED UNTIL END OF FILE	C350037
MINIMUM POSSIBLE RESULT EXCEEDS LIMIT	C300112
MIXED POSITION DEFINITION	C300069
MORE THAN 1 WITH VALUES CLAUSE SPECIFIED FOR USE	C200240
MORE THAN 100 LOGICAL RECORD PATHS	C200191
MORE THAN 100 RECORDS ON PATH	C200193
MORE THAN 32767 ENTRIES IN TABLE	C062003
MORE THAN 35 PARAMETER VALUES SPECIFIED	C200241
MORE THAN 4K MAXIMUM REQUIRED FOR TABLE FOR table-name	C200245
MORE THAN 999,999,999 INPUT RECORDS READ	C350089
MORE VALUES THAN OCCURS ACCEPTED	C200010
MOVE FIELDS UNEQUAL-RESULT LENGTH USED	C300061
NESTED LIBRARY/DICTIONARY REQUEST REJECTED	C200051

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
NESTED OCCURS ON GENERATED REC PARAMETER field-name	C200094
NEW SEQUENCE NUMBER GREATER THAN 999	C200056
NO CARDS AFFECTED BY =macro-clause	C200044
NO DEFINITION FOUND FOR USE KEYWORD - use-keyword	C200234
NO ENDING APOSTROPHE	C300034
NO EXPANSION DONE - ARG TOO LONG	C200055
NO EXPANSION DONE - NOT ENOUGH ARGS	C200054
NO FILE NAME SPECIFIED	C200172
NO FILES SPECIFIED	C400017
NO HIR PARAMETERS SUBMITTED	C500015
NO INPUT CARD FOUND FOR FILE file-number	C200063
NO LINKAGE DEFINED FROM ffff TO gggg	C400010
NO PARAMETER INPUT - JOB ENDED	C300000
NO ROOM FOR RENUMBERED RESULT SEQUENCE NUMBER	C200248
NO SUPPORT FOR DEVICE ASSIGNED TO file-name	C700001
NO VALID REPORT-SPECIFIC PARAMETERS	C300059
NODE PASSED FROM CALLER IS IN ERROR. ABORT	C200203
NON MULTIPLY-OCCURRING INPUT FIELD	C300102
NON NUMERIC ENTRY FOR ffffffff	C400014
NON TOTAL FILE ffff ILLEGAL IN PATH	C400009
NON-EXISTENT RECORD NAME record-name	C200099
NON-NUMERIC DUPLICATION FACTOR	C300099

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
NON-NUMERIC ENTRY ON DICTIONARY FIL PARAMETER	C500011
NON-NUMERIC LENGTH ON PFD OR KEY FILE	C500012
NON-NUMERIC PARAMETER	C200023
NON-NUMERIC START POSITION ON LFD	C500010
NOSORT DATASET IS A NULLFILE	C350012
NO STORAGE AVAILABLE	C064002
NOT AUTHORIZED FOR NON-IDD ACCESS	C200025
NUMBER OF EXTRACT DATA ERRORS HAS EXCEEDED error-limit	C350033
NUMBER OF INVALID MATCH KEYS -- match-key-count	C350056
NUMBER OF MATCH KEY NUMERIC ERRORS HAS EXCEEDED error-limit	C350052
NUMBER OF OCCURRENCES INVALID	C200127
NUMBER OF OCCURRENCES MISSING	C300087
NUMBER OF OCCURS IS INVALID	C300088
NUMBER OF RECORDS OUT OF SEQUENCE -- record-count	C350057
NUMBER OF RECORDS RETURNED FOR -- ddname/filename	C350055
NUMBER OF SEQUENCE ERRORS HAS EXCEEDED me-error-limit	C350059
NUMERIC PARAMETER RIGHT JUSTIFIED	C200024
OCCURRENCE SIZE IS INVALID	C300086
OCCURS DEPENDING ON CTL FIELD NOT HALF OR FULLWORD	C200217
OPEN AREAS ERROR, STATUS = idms-error-status	C850003
OPEN ERROR ON MASTER FILE	C450010
OPEN ERROR ON VARIABLE FILE	C450011

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
OPENx ERROR ON	C450001
OPERAND(S) MISSING	C200069
OPERAND EXCEEDS LIMIT OF 16 CHARACTERS	C202005
OPERAND EXCEEDS LIMIT OF 32 CHARACTERS	C202006
OPERAND EXCEEDS LIMIT OF 64 CHARACTERS	C202007
OPERAND EXCEEDS LIMIT OF 8 CHARACTERS	C202004
OPERAND ILLEGAL WITH SPECIFIED OP CODE	C300053
OPERAND INVALID operand	C200070
OPERAND INVALID operand	C200153
OPERAND TOO LONG	C200189
OPERANDS ARE CONFLICTING DATA TYPES	C300051
OPERATION CODE INVALID	C200139
OUTPUT FILE TYPE INVALID	C300026
OUTPUT RECORD SIZE INVALID	C300030
OVERFLOW OCCURRED DOING ARITHMETIC IN REPORT report-number	C350024
OVERFLOW OF EVALUATION BUFFER	C200209
OVERLAPPING AUTOMATIC HEADERS	C300070
OVERLAPPING OUTPUT FIELDS	C300040
OWNER RECORD READ ERROR, STATUS = idms-error-status	C850005
PARAM= OPTION INVALID	C200050
PARAMETER HAS INVALID CHARACTER IN COLUMN 1	C300077
PARAMETER TYPE ILLEGAL	C200168

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
PASSWORD MISSING OR INVALID	C200148
PATH MAY ONLY HAVE 1 LOGICAL RECORD	C200192
PATH PARAMETER IS REQUIRED	C200229
PATH TABLE OVERFLOW	C800001
PATH-ID ASSUMED **	C200015
PATH-ID INVALID OR DUPLICATED	C200147
POSITION INVALID	C200123
PRINTED OUTPUT RECORD SIZE EXCEEDS 132	C300075
PROFILE OPTION IN EFFECT: RELEASE = release-number	C300119
PROGRAM CHECK INTERRUPT	C350046
PROGRAM CHECK OCCURRED DURING EXECUTION OF INPUT/USER PROCEDURE MODULE	C350041
QUALIFYING REC NAME NOT VALID	C200197
RDAM DATA LIST EXCEEDS BUFFER SIZE	C500003
RDAM FILE COUNT EXCEEDS MAXIMUM	C500002
RDAM FILE READ ERROR	C550005
RDAM RECORD NOT FOUND	C550006
RDAM SIGNOFF ERROR	C550013
RDAM SIGNON ERROR	C550001
RDAM XREF RECORD NOT FOUND	C550009
READ ERROR	C400003
READ ERROR ON MASTER FILE	C450006
READ ERROR ON VARIABLE FILE	C450007

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
REC CARD DROPPED - START POSITION IS INVALID	C200053
REC LENGTH OF EXTRACT FILE LESS THAN MINIMUM	C300104
REC PARAMETER IS MISSING	C300002
RECORD DESCRIPTION OVERRIDE ATTEMPT	C200174
RECORD LEVEL IS INVALID	C200144
RECORD NAME NUMBER READ	C750056
RECORD NAME UNKNOWN TO SUBSCHEMA record-name	C200101
RECORD NOT INCLUDED IN LOGICAL RECORD	C200190
RECORD OR SET NAME IS INVALID	C200146
RECORD SIZE GREATER THAN SPECIFIED MAXIMUM	C350090
RECORD SIZE IS GREATER THAN record-size	C350070
RECORD SIZE IS MISSING OR INVALID	C200030
RECORD SIZE record-size IS NOT A MULTIPLE OF LRECL	C120013
RECORD SIZE record-size IS NOT A MULTIPLE OF 81 OR 133	C120003
RECORD TYPE IS INVALID	C200031
RECORD TYPE IS INVALID	C300012
RECORDS WRITTEN FOR REPORT rr -- nnn	C750009
RECSIZE OR BLKSIZE WRONG FOR CARD FILE	C300014
REFERENCE MUST USE SUBSCRIPT PARAMETER	C300094
REP. ALL MASTER RECORD NOT FOUND KEY = kkk	C450004
REPORT CANCELLED AT USER REQUEST	C750044
REPORT HAS BEEN TERMINATED	C350034

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
REPORT NUMBER IS INVALID	C200072
REPORT NUMBER IS INVALID	C300005
REPORT REQUEST PARAMETER report-number	C200080
REPORT REQUESTED NOT ON DICTIONARY module-name	C200081
REPORT TERMINATED FOR INVALID KEYWORD.	C140004
REPORT TERMINATED FOR INVALID MODULE CONTROL SWITCH	C140001
REPORT TERMINATED FOR NON MATCHING REPORT NUMBERS	C140003
REPORT TERMINATED FOR ONE OF THE FOLLOWING REASONS:	C140006
REPORT TERMINATED FOR READER INPUT ERROR	C140002
REPORT TERMINATED FOR THE FOLLOWING REASON:	C140007
REPORT TERMINATED FOR UNRECOGNIZABLE POWER/VS RETURN CODE	C140005
REQUEST FOR VSAM GET WAS REJECTED	C110002
RESTART REPORT(S) NOT FOUND.	C750020
RESULT FIELD IS INVALID	C200018
RESULT FIELD IS INVALID	C300049
RESULT FIELD LEFT UNCHANGED sequence-number	C200045
RESULT SEQUENCE IS INVALID	C300046
RESULT WILL BE ZERO	C300113
RETURN CODE FROM CULPMASG IS INVALID - HEX code	C200237
RIGHT PARENTHESIS INSERTED	C200007
RIGHT PARENTHESIS MISSING	C200078
RUN CANCELLED	C750004

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
RUN CANCELLED DUE TO INSUFFICIENT STORAGE	C300031
RUN CANCELLED DUE TO INSUFFICIENT STORAGE	C700004
RUN CANCELLED DUE TO INSUFFICIENT STORAGE FOR CULPRIT-module	C200121
RUN TERMINATED	C350036
RUN TERMINATED AT USER REQUEST	C350053
RUN TERMINATED. INCOMPATIBLE VERSIONS	C750002
RUN TIME LFD CONTAINS FILE-ID NOT IN HIR	C500004
RUN TIME LFD CONTAINS PFD NO. UNKNOWN TO DICTIONARY	C500005
SCALING FROM PICTURE IGNORED	C200185
SCHEMA NAME IS MISSING OR INVALID	C200041
SEARCH REQUESTED FOR STRING OF LENGTH ZERO	C200250
2ND OPERAND MISSING IN EXPRESSION AFTER + OR -	C200201
2ND OPERAND MISSING IN TERM AFTER * OR /	C200202
SECURITY MODULE NOT LINKED	C200137
SEL STATEMENT OUT OF SEQUENCE	C200143
SELECT AND BYPASS MAY NOT BE MIXED	C200159
SELECT SPECIFIES WRONG FILE	C300110
SEQUENCE NUMBER IS INVALID	C200142
SEQUENCE TABLE OVERFLOW	C200064
SET NAME IGNORED ON DUMMY PATH ENTRY set-name	C200115
SET NAME UNKNOWN TO SUBSCHEMA set-name	C200098
SET-NAME ASSUMED	C200016

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
SIGNAL BYTE IGNORED FOR DUMMY OR UNDEFINED FILE	C200158
SIZE IS INVALID	C200124
SIZE OF ZERO IS ILLEGAL	C200184
SORT CONTROL MODEL STATEMENTS INVALID	C350004
SORT FIELD EXCEEDS PROGRAM CAPACITY	C300033
SORT KEY IS INVALID	C200134
SORT SEQUENCE UNSPECIFIED FOR ISAM OUTPUT	C300036
SPECIAL NAME IN DOUBLE QUOTES IS INVALID	C200246
SPECIAL POSITIONING INVALID	C200036
SPECIAL POSITIONING SPECIFIED FOR NON-TAPE FILE	C200180
SPECIFIED DEVICE TYPE IS INVALID	C300017
START POSITION OF 1 ASSUMED	C200126
STOP OR STOP-RUN TERMINATES ALL REPORTS	C300062
SUBSCHEMA NAME MISSING FOR DATABASE ACCESS	C200012
SUBSCRIPT IS EXPECTED FOR THIS DATANAME.SCAN CONT	C200214
SUBSCRIPT IS INVALID	C200166
SUBSCRIPT IS NOT A NUMERIC WORKFIELD	C300093
SUBSCRIPT IS NOT NUMERIC	C300095
SUBSCRIPT MAY NOT BE SUBSCRIPTED	C300100
SUBSCRIPT REFERENCE OUTSIDE USER AREA	C300096
SYMBOL NAME PREVIOUSLY DEFINED	C300092
SYNAD ERROR MESSAGE	C110005

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
SZ= HAS BEEN REDUCED TO COLUMN LENGTH ON TABLE	C300123
TABLE IS EMPTY	C064001
TABLE NOT GENERATED OPERATION NOT PERFORMED	C700042
TABLE OVERFLOW tttttttt	C400015
TABLE SUCCESSFULLLY GENERATED	C300124
TABLE SUCCESSFULLY DELETED	C700041
TABLE SUCCESSFULLY GENERATED: table-name	C700051
THIS TABLE CANNOT BE CONSOLIDATED: table-name	C850031
TITLE IS TRUNCATED	C300108
TITLE PARAMETER FOR NON-PRINTED REPORT	C300076
TOKEN TOO LONG - TRUNCATED	C200013
TOKENS LEFT IN WHERE CLAUSE AFTER PARSE	C200227
TOO FEW SUBSCRIPTS SPECIFIED	C200224
TOO MANY ARGUMENTS	C200075
TOO MANY CARDS IN MACRO REQUEST	C200066
TOO MANY NESTED USE STATEMENTS	C200254
TOO MANY OPERANDS	C200151
TOO MANY OPERATORS	C200152
TOO MANY PARAMETERS OF TYPE keyword	C200073
TOO MANY TOKENS	C200076
TOTAL ILLEGAL - DETAIL REPORT SPECIFIED	C300058
TOTAL LINE FIELD IS INVALID	C300045

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
TOTAL/DETAIL CODE INVALID	C200131
TOTAL/DETAIL NOT T, D, OR BLANK	C300029
TYPE=COPY INVALID ON SECONDARY IN CARD	C202002
TYPE=COPY REQUIRED FOR PRIMARY IN CARD	C202003
UNABLE TO ACCESS DATA DICTIONARY	C200085
UNABLE TO CLOSE VSAM INPUT FILE	C350022
UNABLE TO CLOSE VSAM OUTPUT FILE	C130006
UNABLE TO CONTINUE COMPILATION DUE TO ERRORS	C300044
UNABLE TO DEFINE field-name	C200100
UNABLE TO LOCK RDAM FILE	C550014
UNABLE TO OBTAIN STORAGE FOR HEADINGS OR FOOTINGS	C120004
UNABLE TO OPEN ddname	C200026
UNABLE TO OPEN ddname/file-name	C700002
UNABLE TO OPEN INPUT FILE. GENCB OR MODCB FAILURE	C350020
UNABLE TO OPEN OUTPUT FILE ddname/file-name	C120002
UNABLE TO OPEN VSAM OUTPUT FILE, GENCB/MODCB FAILED	C130004
UNABLE TO PARSE WHERE CLAUSE	C200226
UNABLE TO RESOLVE PATH path-id	C200102
UNABLE TO UNLOCK RDAM FILE	C550003
UNABLE TO VALIDATE FIELDS DUE TO ERRORS IN PRIMARY DATA TABLE	C700047
UNAUTHORIZED USER/PASSWORD COMBINATION	C200169
UNBALANCED PARENTHESES	C200145

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
UNCORRECTABLE I/O ERROR ON file-type	C700003
UNDEFINED GROUP ID - group-id	C300121
UNDEFINED MATCH KEY ON PRIOR FILE match-key-name	C200057
UNDEFINED QUALIFIER	C800006
UNIDENTIFIABLE PROGRAM CHECK HAS OCCURRED	C350043
UNKNOWN ERROR IN SELECT MODULE - RUN TERMINATED	C350078
UNKNOWN PARAMETER CARD PASSED AS IS	C200004
UNKNOWN PROGRAM CHECK	C750043
UNKNOWN SUBSCHEMA subschema-name	C200095
UNRECOGNIZABLE CONTROL RECORD - RUN TERMINATED	C750003
UNRESOLVED BRANCH LABEL branch-label	C300054
UNSPECIFIED SORT CONTROL PARAMETER field-description	C350006
UNSUCCESSFUL OPEN OF VSAM DATA SET	C110004
UNSUCCESSFUL VSAM CONTROL BLOCK GENERATION -- GENCB BLK vsam-macro	C110001
USE OR END AND =MACRO/=COPY NOT ALLOWED IN SAME RUN	C200236
USE SYNTAX ERROR:	C200231
USE, END, OR DEFAULT IS OUT OF PLACE	C200251
USER EDIT MASK EXCEEDS 64 CHARACTERS	C200183
USER LABELS SPECIFIED IN MATCH RUN	C200033
USER MASK MISSING OR INVALID	C300074
USER MODULE NAME IS INVALID	C300043
USER MODULE NAME MISSING OR INVALID	C200003

(continued)

Table A-1 (cont). Cross-Reference of Messages to Message Id

Message	Message Id
USER MUST OUTPUT FIELD WITH HEAD COMMAND	C300042
VERSION NUMBER IS INVALID	C200019
VSAM LOGICAL ERROR. CODE=X'vsam-feedback-code'	C025005
VSAM OPEN ERROR. DDNAME=ddname R15=X'contents'	C025001
VSAM PHYSICAL ERROR. CODE=X'vsam-feedback-code'	C025006
VSAM SYNAD	C130001
VSAM SYNAD synad-error-text	C350017
W-LEVEL ERROR DETECTED IN CULPO STEP	C300080
W-LEVEL ERROR DETECTED IN CULPO STEP	C800005
WHERE CLAUSE CODED FOR INVALID PATH	C800010
WILL USE STANDARD LIBRARIES -	C200238

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