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IMPLEMENTATION. 6: NASIS MESSAGE FILE
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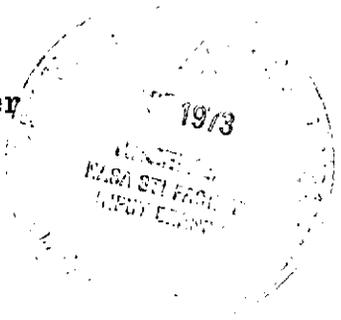
NASIS DATA BASE MANAGEMENT SYSTEM - IBM 360/370 OS MVT IMPLEMENTATION
VI - NASIS MESSAGE FILE

NEOTERICs, INC.

prepared for

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16. Abstract The NASIS development workbook contains all the required system documentation. The workbook includes the following seven volumes: <ul style="list-style-type: none"> I - Installation Standards (CR-134470) II - Overviews (CR-134471) III - Data Set Specifications (CR-134472) IV - Program Design Specifications (CR-134473) V - Retrieval Command System Reference Manual (CR-134474) VI - NASIS Message File (CR-134475) VII - Data Base Administrator User's Guide (CR-134476) 					
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NASIS MESSAGE FILE

The NASIS message file is an indexed - sequential file which contains all the message and term explanations for the system. The data contained on this file can be broken down into three separate sections; global terms, local terms, and system messages. A global term pertains to all the databases available to NASIS, a local term pertains to only the database associated with that term, and the system messages are the diagnostic and informative messages associated with the various NASIS modules.

The abbreviations MSG, EXP, and RSP are used to represent MESSAGE, EXPLANATION, and RESPONSE, respectively.

I. GLOBAL TERMS

\$DEBUG

THE \$DEBUG COMMAND INSTRUCTS THE SYSTEM TO ALLOW OS DEBUGGING STATEMENTS.
SYNTAX= \$DEBUG

APOFF

THE APOFF COMMAND CONTINUALLY RAISES THE END CONDITION UNTIL NASIS OPERATION IS TERMINATED.
SYNTAX= APOFF

ASRDI

1. THE AEROSPACE SAFETY RESEARCH AND DATA INSTITUTE.
2. THE FILE WHICH IS A COLLECTION OF ASRDI CITATIONS.

CANCEL

THE CANCEL COMMAND IS USED TO DELETE ALL PSEUDO-SETS AND PRINTS ON PSEUDO-SETS, OR TO DELETE NORMALLY QUEUED PRINTS.
SYNTAX= CANCEL <RANGE='SEARCH'|'*ALL'|BSN>

COLUMNAR

A FORMAT SPECIFYING FIELD NAMES WHOSE VALUES ARE TO BE OUTPUT IN TABULAR COLUMNS. THERE ARE AS MANY AS 25 COLUMNAR FORMATS CURRENT AT ANY TIME (F1-F25). THEY ARE USER-DEFINED BY THE FORMAT COMMAND OR BY USING THE NAMES OF STORED COLUMNAR FORMATS IN DISPLAY OR PRINT RETRIEVAL

COMMANDS.

COLUMNAR FORMATS ARE EITHER FOR SCREEN WIDTH OUTPUT OR PRINTER WIDTH (132) OUTPUT BUT MAY BE USED INTERCHANGEABLY. THEY MAY OPTIONALLY SPECIFY PAGE NUMBERING AND/OR REPORT TITLE LINES.

THE COLUMN POSITIONS MAY EITHER BY SPECIFIED EXPLICITLY OR THE FORMAT COMMAND WILL AUTOMATICALLY EQUALIZE THE COLUMN WIDTHS ACROSS THE OUTPUT WIDTH. EACH COLUMN MAY OPTIONALLY HAVE A REPORT HEADER (ONE OR MORE LINES) AND/OR SUMMARIZATION AT THE END OF THE OUTPUT REPORT CONSISTING OF THE TALLY, SUM AND/OR AVERAGE OF THE VALUES.

COMMAND

THIS TERM IS USED TO DESCRIBE THE MANNER IN WHICH THE NASIS SYSTEM FUNCTIONS ARE INVOKED BY THE USER. A COMMAND CONSISTS OF A 1-8 CHARACTER WORD WHICH DESCRIBES THE FUNCTION TO BE PERFORMED. TO OBTAIN A COMPLETE LIST OF THE AVAILABLE COMMANDS, ENTER 'EXPLAIN NASIS.COMMANDS'.

COMMANDS

ENTER - EXPLAIN NASIS.COMMANDS - FOR A LIST OF ALL COMMANDS, OR
 ENTER - EXPLAIN NASIS.*****.COMMANDS - WHERE
 ***** =
 CORRECT, EDIT, FORMAT, IMMEDIATE, JOIN,
 MAINTENANCE, MTT, NASIS, OR RETRIEVAL.

CORRECT

THE CORRECT COMMAND CREATES TRANSACTION RECORDS TO BE EXECUTED DURING MAINTENANCE. IT DOES NOT DO ACTUAL UPDATING.

SYNTAX= CORRECT
 <FIELD=NAME><,KEY=KEY><,VERIFY=MODE>
 CORRECT ALSO RECOGNIZES THE FOLLOWING
 SUBCOMMANDS:

ADD, CANCEL, CORRECT, DELETE, DISPLAY, END,
 FIELDS, INSERT, REPLACE, VERIFY
 THE SUBCOMMAND EXPLANATIONS ARE AVAILABLE BY ENTERING 'EXPLAIN CORRECT.ADD', ETC.

CORRECT.ADD

THE ADD SUBCOMMAND ALLOWS THE USER TO ADD A NEW RECCRD TO A FILE, SPECIFYING FIELD NAMES AND THEIR VALUES. THE NEW KEY VALUE IS ENTERED WITH

ITS KEY FIELD NAME. MULTIPLE ELEMENT FIELDS ARE ENTERED AS A PARENTHESIZED LIST. DATA CAN BE ADDED TO A NULL FIELD OR NEW ELEMENTS CAN BE ADDED TO A FIELD.

SYNTAX= ADD
FIELD=DATA<,FIELD=(DATA,DATA,...)><,...>

CORRECT.CANCEL

THE CANCEL SUBCOMMAND NULLIFIES ALL CORRECTIONS SINCE THE LAST 'CORRECT' OR 'INSERT' SUBCOMMAND.

SYNTAX= CANCEL

CORRECT.CORRECT

THE CORRECT SUBCOMMAND ALLOWS THE USER TO SPECIFY A NEW RECORD AND/OR FIELD. IT ALSO PROVIDES ACCESSING ANCHOR RECORDS SEQUENTIALLY (FORWARD OR BACKWARD) FROM A GIVEN POINT.

SYNTAX= CORRECT <FIELD=NAME><,KEY=KEY>

CORRECT.DELETE

THE DELETE SUBCOMMAND ALLOWS THE USER TO DELETE FROM A RECORD AN ELEMENT, A RANGE OF ELEMENTS, A FIELD, OR THE ENTIRE RECORD.

SYNTAX= DELETE <ELEMENT='RECORD'|E#<,E#,...>>

CORRECT.DISPLAY

THE DISPLAY SUBCOMMAND ALLOWS THE USER TO DISPLAY AN ENTIRE FIELD IN SECTIONS (FORWARD OR BACKWARD) WHEN ALL OF THE DATA CAN NOT BE SHOWN ON ONE SCREEN, OR BY ELEMENT NUMBER.

SYNTAX= DISPLAY <DIRECTION='B'|E#>

CORRECT.END

THE END SUBCOMMAND ALLOWS THE USER TO TERMINATE 'CORRECT' PROCESSING AND RETURN TO NASIS COMMAND MODE.

SYNTAX= END

CORRECT.FIELDS

THE FIELDS SUBCOMMAND ALLOWS THE USER TO DISPLAY ALL THE FIELD NAMES ASSOCIATED WITH THIS DATA BASE.

SYNTAX= FIELDS

CORRECT.INSERT

THE INSERT SUBCOMMAND ALLOWS THE USER TO SPECIFY NEW SUBFILE FIELDS FOR ADDING NEW SUBFILE RECORDS.

SYNTAX= INSERT
FIELD=DATA<,FIELD=(DATA,DATA,...),...>

CORRECT.REPLACE

THE REPLACE SUBCOMMAND ALLOWS THE USER TO CHANGE DATA IN A FIELD, BY VALUE.

SYNTAX= REPLACE
START=E#,END=E#,OLDDATA=VALUE<,NEWDATA=VALUE>

CORRECT.VERIFY

THE VERIFY SUBCOMMAND ALLOWS THE USER TO CHANGE THE VERIFICATION MODE FOR A TYPEWRITER TERMINAL.

SYNTAX= VERIFY <MODE='YES'|'NO'>

DATETIME

THE DATETIME COMMAND DISPLAYS THE CURRENT DATE AND TIME.

SYNTAX= DATETIME

DBLIST01

BOOLEAN LIST FUNCTION ATTEMPTED BUT THE OPERATION (SECOND ARGUMENT) IS INVALID. IT MUST BE '|' OR '&' OR '-'.

DBLIST02

BOOIEAN LIST FUNCTION ATTEMPTED BUT THE TWO ARGUMENT LISTS ARE INCOMPATIBLE BECAUSE THEY DO NOT BOTH CROSS-REFERENCE THE SAME KEY FIELD NAME.

DBLIST04

GET LIST KEY SET STATEMENT ATTEMPTED BUT INPUT LIST IS NULL.

DBLIST05

GET LIST KEY SET STATEMENT ATTEMPTED BUT NO GET LIST KEY STATEMENT HAS BEEN DONE TO DETERMINE THE CURRENT KEY.

DBLIST06

GET LIST KEY SET STATEMENT ATTEMPTED TO CONTINUE

AN OUTPUT LIST THAT IS INCOMPATIBLE WITH THE INPUT LIST BECAUSE THEY DO NOT BOTH CROSS-REFERENCE THE SAME KEY FIELD NAME.

DBLIST07

GET LIST KEY SET STATEMENT ATTEMPTED TO CONTINUE THE OUTPUT LIST WITH A KEY VALUE LESS THAN THE HIGHEST (LAST) KEY VALUE PREVIOUSLY POSTED. FOR SUCH AN INSERTION, THE MORE GENERAL (AND LESS EFFICIENT) BOOLEAN OR FUNCTION MUST BE USED.

DBLIST08

GET LIST KEY INTO STATEMENT COMPLETED BUT THE KEY VALUE WAS TRUNCATED TO THE MAXIMUM LENGTH OF THE TARGET STRING VARIABLE.

DBLIST09

SET LIST LIKE LIST STATEMENT ATTEMPTED BUT THE SIZE VALUE IS NEGATIVE OR ZERO.

DBLIST10

PUT LIST INTERNAL KEY STATEMENT ATTEMPTED BUT THE TARGET LIST POINTER HAS NOT BEEN SET (BY A SET LIST LIKE LIST STATEMENT).

DBLIST11

PUT LIST INTERNAL KEY STATEMENT ATTEMPTED BUT THE KEY VALUE LENGTH DOES NOT EQUAL THE LIST KEY SIZE.

DBLIST12

PUT LIST INTERNAL KEY STATEMENT ATTEMPTED TO CONTINUE THE OUTPUT LIST WITH A KEY VALUE LESS THAN THE HIGHEST (LAST) KEY VALUE PREVIOUSLY POSTED. FOR SUCH AN INSERTION, THE MORE GENERAL (AND LESS EFFICIENT) BOOLEAN OR FUNCTION MUST BE USED.

DBPAC001

ILLEGAL ATTEMPT TO IMPLY OPEN.

DBPAC003

TRIED TO IMPLY AN OPEN ON A NEW FILE-NAME WITHOUT THE USE OF AN OPEN COMMAND.

DBPAC020

TRYING TO OPEN A FILE WHEN THE HEADER
DESCRIPTOR'S DESCOK SWITCH IS OFF.

DBPAC021

TRYING TO OPEN FOR OUTPUT OR UPDATE AND THE FILE
IS NOT THE ANCHOR OR AN ASSOCIATE OR A
DESCRIPTOR FILE.

DBPAC022

END-OF-LIST (READ LIST STATEMENT).

DBPAC023

NUMBER OF FILES EXCEEDS THE NUMBER ALLOWED IN
THE MFCB FILE ARRAY.

DBPAC025

THE USER IS NOT THE OWNER OF THE FILE, BUT HE IS
ATTEMPTING AN OPEN FOR UPDATE OR OUTPUT.

DBPAC026

ATTEMPTED OPEN OF THE FILE FOR INPUT, THE DATA
SWITCH INDICATES NO DATA.

DBPAC027

OPEN ATTEMPTED BUT ITS FUNCTION WAS NOT INPUT,
OUTPUT, OR UPDATE.

DBPAC028

OPEN ISSUED FOR UPDATE OR OUTPUT WAS PROHIBITED
BY THE MNTNING, MNTNABLE, OR THE DATA SWITCH.

DBPAC030

OPERATION CCDE ERROR.

DBPAC031

KEY FIELD FAILED GENERAL VALIDATION (READ KEY OR
LOCATE).

DBPAC032

KEY FIELD FAILED SPECIFIC VALIDATION (READ KEY
OR LOCATE).

DBPAC034

ERASE ATTEMPTED ON CLOSE BUT THE FILE IS NOT
OPEN FOR UPDATE.

DBPAC035

ERASE ATTEMPTED ON DESCRIPTOR FILE OTHER THAN
THE ANCHOR.

DBPAC036

THE GET FIELD OPERATION ATTEMPTED BUT THE LAST
RECORD OPERATION WAS A LOCATE.

DBPAC038

THE GET FIELD OPERATION ATTEMPTED BUT THERE IS
NO CURRENT RECORD.

DBPAC039

GET RECORD OPERATION ATTEMPTED BUT THE USER IS
NOT THE OWNER.

DBPAC040

GET LIST ATTEMPTED, BUT FILE IS NOT INVERTED
INDEX.

DBPAC041

KEY IS NULL (READ KEY OR LOCATE).

DBPAC042

KEY SEQUENCE ERROR (LOCATE SEQUENTIAL).

DBPAC043

DUPLICATE KEY ERROR (LOCATE DIRECT).

DBPAC044

NOT AN OUTPUT FILE FOR WRITE.

DBPAC046

NO CURRENT RECORD (PUT OR REPUT).

DBPAC047

CURRENT RECORD NOT LOCKED (PUT OR REPUT).

DBPAC049

PUT OR REPUT TO INPUT FILE.

DBPAC050

REPUT TO NCN-UPDATE FILE.

DBPAC051

REPUT FOLLOWING LOCATE.

DBPAC052

GET OPERATION (FIELD IS NOT IN DESCRIPTOR
TABLE).

DBPAC053

FIELD FAILED GENERAL VALIDATION (PUT OR
REPUT).

DBPAC054

FIELD FAILED SPECIAL VALIDATION (PUT OR
REPUT).

DBPAC055

NULL VALUE TO BE PUT.

DBPAC056

BIT FIELD TOO LONG (PUT OR REPUT).

DBPAC057

PUT TO NON-NULL BIT SWITCH.

DBPAC058

PUT TO NON-NULL FIXED LENGTH FIELD.

DBPAC059

PUT TO NON-NULL VARIABLE LENGTH (SINGLE ELEMENT)
FIELD.

DBPAC061

FIELD WOULD MAKE RECCRD TOO LONG (PUT).

DBPAC062

FIELD WOULD MAKE RECORD TOO LONG (REPUT).

DBPAC063

ELEMENT WOULD MAKE RECORD TOO LONG (PUT).

DBPAC064

ELEMENT WOULD MAKE RECORD TOO LONG (REPUT).

DBPAC065

ELEMENT FIELD TOO LONG (PUT OR REPUT).

DBPAC066

TOO MANY (VARIABLE) ELEMENTS (PUT).

DBPAC067

NO GET BEFORE REPUT (VARIABLE ELEMENTS).

DBPAC068

NO GOOD GET BEFORE REPUT (VARIABLE ELEMENTS).

DBPAC069

UNDEFINED FIELD (PUT OR REPUT).

DBPAC070

REPUT TO NEVER PUT (NULL) FIELD (RECORD NOT FOUND).

DBPAC071

TOO MANY (FIXED) ELEMENTS (PUT).

DBPAC072

(FIXED) ELEMENT WOULD MAKE RECORD TOO LONG (PUT).

DBPAC073

NO GET BEFORE REPUT (FIXED ELEMENTS).

DBPAC074

NO GOOD GET BEFORE REPUT (FIXED ELEMENTS).

DBPAC075

FIELD TOO LCNG (PUT OR REPUT).

DBPAC076

KEY WOULD MAKE CROSS REFERENCE RECORD TOO LONG
(PUT OR REPUT).

DBPAC077

CROSS REFERENCE NOT FOUND ON RECORD.

DBPAC078

TARGET FIELD 'ACTUAL' LENGTH CHECKING INDICATES
TRUNCATION.

DBPAC079

RETRIEVAL SYSTEM TRYING TO OPEN SOMEONE ELSE'S
STATIC OR TRNSCT DATAPLEX FOR UPDATE OR
OUTPUT.

DBPAC080

RETRIEVAL SYSTEM OPENING A DATAPLEX (OTHER THAN
STATIC OR TRNSCT) FOR EITHER OUTPUT OR UPDATE.

DBPAC083

GET KEY INCOMPATIBLE WITH LIST.

DBPAC084

GET KEY SEQUENCE ERROR.

DBPAC085

FIELD LENGTH LESS THAN 2 FOUND. DATA BASE
DAMAGE.

DBPAC086

FIELD LENGTH BEYOND RECLEN FOUND. DATA BASE
DAMAGE.

DBPAC087

FIELD LENGTH NOT EQUAL TO 2 PLUS A MULTIPLE OF
ELEMENT LENGTH FOUND. DATA BASE DAMAGE.

DBPAC088

ELEMENT LENGTH LESS THAN 1 FOUND. DATA BASE

DAMAGE.

DBPAC089

ELEMENT LENGTH BEYOND FIELD LENGTH FOUND. DATA
BASE DAMAGE.

DBPAC090

INVALID DB2 HEADER DESCRIPTOR. DB1 DESCRIPTOR
OR DAMAGE.

DBPAC091

FIELD DESCRIPTOR RECLEN LESS THAN 78.
DESCRIPTOR DAMAGE.

DBPAC092

FIELD LENGTH LESS THAN 2 IN DESCRIPTOR.
DESCRIPTOR DAMAGE.

DBPAC093

FIELD LENGTH BEYOND RECLEN IN DESCRIPTOR.
DESCRIPTOR DAMAGE.

DBPAC094

VALIDARG LONGER THAN 50 BYTES WOULD BE
TRUNCATED. DESCRIPTOR DAMAGE.

DBPAC095

SECURITY FIELD LENGTH INVALID. SHOULD BE 2 PLUS
A MULTIPLE OF 8.

DBPAC096

NO DESCRIPTOR FOUND FOR KEY FIELD. DESCRIPTOR
DAMAGE.

DBPAC097

INVALID FIELD LENGTH IN INDEX RECORD FOUND.
DATA BASE DAMAGE.

DBPAC098

RECORD MISSING FROM INDEX REGION. DATA BASE
DAMAGE.

DBPAC099

END OF DATA. (VISAM)

DBPAC104

KEYS EQUAL - SEQUENCE ERROR. (VISAM + 100)

DBPAC108

KEY NOT FOUND. (VISAM + 100)

DBPAC112

KEYS OUT OF SEQUENCE. (VISAM + 100)

DBPAC115

KEYS DO NOT COINCIDE. (VISAM + 100)

DBPAC120

KEYS COINCIDE. (VISAM + 100)

DBPAC124

INVALID RETRIEVAL ADDRESS. (VISAM + 100)

DBPAC128

INVALID RECCRD LENGTH. (VISAM + 100)

DBPAC131

POSITION PAST END OF DATA SET. (VISAM + 100)

DBPAC136

POSITION BEFORE START OF DATA SET. (VISAM + 100)

DBPAC140

EXCEED MAXIMUM NUMBER OF OVERFLOW PAGES. (VISAM + 100)

DBPAC144

EXCEED MAXIMUM SIZE OF SHARED DATA SET. (VISAM + 100)

DBPAC145

NO DATASET NAME FOUND WHICH IS LIKE THE GIVEN ONE. (VISAM)

DBPAC200

ATTEMPT TO PUT OR REPUT NULL PATTERN.

DBPAC201

ATTEMPT TO PUT OR REPUT TO READONLY FIELD.

DBPAC202

UNDEFINED SUBFILE OR INDEXED FIELD (READ,
LOCATE, OR UNLCCK).

DBPAC203

NOT AN INDEXED FIELD.

DBPAC204

NOT A SUBFILE <CONTROL> FIELD.

DBPAC205

LOCATE TO INPUT FILE.

DBPAC206

NO CURRENT ANCHOR RECORD (LOCATE SUBFILE).

DBPAC207

ANCHOR RECORD NOT LOCKED (LOCATE SUBFILE).

DBPAC208

NO CURRENT SUBRECORD (READ PER SUBFILE).

DBPAC209

ANCHOR RECCRD NOT CURRENT (DELETE SUBRECORD).

DBPAC210

THE FILE IS NOT OPEN (TO POST FLDTAB).

DBPAC211

DESCRIPTOR DAMAGE DETECTED WHILE POSTING
FLDTAB.

DBPAC212

ANCHOR RECORD NOT LOCKED (DELETE SUBRECORD).

DBPAC213

ANCHOR RECORD NOT PARENT OF SUBRECORD (DELETE
SUBRECORD).

DBPAC214

SUBRECORD ID NOT FOUND IN CONTROL FIELD (DELETE
SUBRECORD).

DBPAC215

DUPLICATE FIXED LENGTH ELEMENT (PUT OR REPUT).

DBPAC216

DUPLICATE VARYING LENGTH ELEMENT (PUT OR
REPUT).

DBPAC217

LOCATE SUBFILE NOT DONE BECAUSE 131071 REGIONS
USED.

DBPAC218

NAMEFLD FIELD LENGTH INVALID. SHOULD BE 2 PLUS A
MULTIPLE OF 9.

DBPAC219

GET SUPERFIELD REQUIRES CURRENT SUBFILE
RECORD.

DBPAC220

RSECTYCD FIELD LENGTH INVALID. SHOULD BE 2 PLUS
A MULTIPLE OF 9.

DBPAC221

NON-OWNER ATTEMPTED TO OPEN ASSOCIATE HAVING
RECORD LEVEL SECURITY.

DEFAULT

THE DEFAULT COMMAND IS USED TO DEFINE OR MODIFY
DEFAULT VALUES FOR SYMBOLIC KEYWORD PARAMETERS
REFERENCED BY NASIS COMMANDS.

SYNTAX= DEFAULT KEYWORD=VALUE<,...>

DEFAULTS

THE DEFAULTS COMMAND DISPLAYS A LIST OF SPECIFIED DEFAULTS, OR ALL OF THE CURRENT DEFAULTS.

SYNTAX= DEFAULTS <KEYWORD,...>

DISPLAY

THE DISPLAY COMMAND DISPLAYS ONE SCREEN IMAGE OF ONE OF THE FOLLOWING TYPES:

1. A DATA RECORD ACCORDING TO A FORMAT.
2. A SET OF KEYS ACCORDING TO A FORMAT.
3. A SPECIFIC FIELD OF A DATA RECORD.

THE 'PAGE' COMMAND MAY BE USED TO DISPLAY MORE SCREENS, FORWARD OR BACKWARD.

SYNTAX= DISPLAY
 SET=SET#|KEYVALUE<,FORMAT=FMT#|FMTNAME>
 <,ITEM=ITEM#><,TYPE='1'|'2'|'3'>

EDIT.COMMANDS

ENTER - EXPLAIN NASIS.EDIT.COMMANDS - OR,
 ENTER - EXPLAIN NASIS.EDIT.SYNTAX

END

THE END COMMAND INSTRUCTS THE SYSTEM TO TERMINATE THE CURRENT COMMAND.

SYNTAX= END

EXECUTE

THE EXECUTE COMMAND IS USED TO EXECUTE ALL SEARCH REQUESTS, AND TRANSFORM PSEUDO-SETS INTO REAL SETS.

SYNTAX= EXECUTE

EXPAND

THE EXPAND COMMAND DISPLAYS AN ALPHABETICAL SEQUENCE OF CROSS REFERENCE (INDEX) ENTRIES IN THE VICINITY OF THE TERM ENTERED BY THE USER. THE 'PAGE' COMMAND MAY BE USED TO DISPLAY MORE ENTRIES, FORWARD OR BACKWARD.

SYNTAX= EXPAND TERM=VALUE,FIELD=NAME

EXPLAIN

THE EXPLAIN COMMAND MAKES NASIS SELF DOCUMENTING. IT ALLOWS THE USER TO QUERY NASIS FOR THE EXPLANATION OF (1) A RELATIVE MESSAGE NUMBER, (2) A PARTICULAR TERM, (3) THE VALID RESPONSES TO A PROMPT, AND (4) THE ORIGIN OF A RELATIVE MESSAGE NUMBER. THE EXPLAIN SYNTAX IS,

RESPECTIVELY:
 EXPLAIN NUMBER
 EXPLAIN TERM
 EXPLAIN RESPONSE,NUMBER
 EXPLAIN ORIGIN,NUMBER
 WHERE "NUMBER" IS A MESSAGE NUMBER RELATIVE TO
 THE CURRENT MESSAGE (WHICH IS ZERO(0), THE
 RELATIVE MESSAGE NUMBER OF THE PRECEDING
 MESSAGE IS -1, AND SO ON).

FIELDS

THE FIELDS COMMAND DISPLAYS A STRUCTURED LIST
 OF THE NAMES OF THE DATA FIELDS PRESENT ON THE
 CURRENT FILE. INDEXED FIELDS ARE FLAGGED WITH
 AN ASTERISK.

SYNTAX= FIELDS

FILE

A LOGICAL COLLECTION OF RECORDS OF SIMILAR
 FORMAT RELATING TO A SIMILAR TOPIC OR FROM A
 SIMILAR SOURCE.

FORMAT

THE FORMAT COMMAND IS USED TO ESTABLISH A
 CURRENT FORMAT TO BE FURTHER PROCESSED BY THE
 FORMAT SUBCOMMANDS.

SYNTAX= FORMAT
 FNUMBER=<#><F>NN<(<SP>,<NP>)><,<FLDSPEC=SPECS>
 FORMAT RECOGNIZES THE FOLLOWING SUBCOMMANDS:
 DISPLAY, END, FIELD, FIELDS, FORMAT, FORMATS,
 HEADER, NAME, STORE, TITLE
 THE SUBCOMMAND EXPLANATIONS ARE AVAILABLE BY
 ENTERING 'EXPLAIN FORMAT.DISPLAY', ETC.

FORMAT.COMMANDS

ENTER - EXPLAIN NASIS.FORMAT.COMMANDS - OR,
 ENTER - EXPLAIN NASIS.FORMAT.SYNTAX

FORMAT.DISPLAY

THE DISPLAY SUBCOMMAND IS USED TO DISPLAY THE
 CURRENT FORMAT.

SYNTAX= DISPLAY

FORMAT.END

THE END SUBCOMMAND TERMINATES PROCESSING OF THE
 CURRENT FORMAT, AND RETURNS THE USER TO THE
 RETRIEVAL SYSTEM.

SYNTAX= END

FORMAT.FIELD

THE FIELD SUBCOMMAND ADDS, DELETES, REPLACES, OR REVISES THE FIELD SPECIFICATIONS OF THE CURRENT FORMAT.

SYNTAX =
 FOR ADDITION:
 FIELD FLDSPEC=FLDNAME<(<COL#>,<TSA>)>
 FOR DELETION:
 FIELD FLDSPEC='FLDNAME'
 FOR REPLACEMENT:
 FIELD
 FLDSPEC='FLDNAME=FLDNAME<(<COL#>,<TSA>)>'

FORMAT.FIELDS

THE FIELDS SUBCOMMAND DISPLAYS THE FIELDS OF THE CURRENT DATA BASE WITHOUT ENDING THE CURRENT FORMAT.

SYNTAX= FIELDS

FORMAT.FORMAT

THE FORMAT SUBCOMMAND ALLOWS THE USER TO START A NEW FORMAT; IT IS EFFECTIVELY THE SAME AS:
 END;FORMAT

SYNTAX= FORMAT
 FNUMBER<#><F>NN<(<SP>,<NP>)><,>FLDSPEC=SPEC<S>

FORMAT.FORMATS

THE FORMATS SUBCOMMAND DISPLAYS FORMAT NAMES WITHOUT ENDING THE CURRENT FORMAT.

SYNTAX= FCRMATS

FORMAT.HEADER

THE HEADER SUBCOMMAND SPECIFIED NEW OR REVISED COLUMN HEADINGS FOR COLUMNAR FORMATS.

SYNTAX= HEADER
 <HDRLINE=<#>NN<D>><,>HDRSPEC=<TEXT><(FLDNAME)>>

FORMAT.NAME

THE NAME SUBCOMMAND ASSIGNS A NAME TO THE CURRENT FORMAT BY WHICH IT MAY SUBSEQUENTLY BE REFERENCED.

SYNTAX= NAME FMTNAME=NAME

FORMAT.STORE

THE STORE SUBCOMMAND STORES THE CURRENT FORMAT FOR FUTURE USE. IT MAY ALSO ASSIGN A NAME.
SYNTAX= STORE <PMTNAME=NAME>

FORMAT.TITLE

THE TITLE SUBCOMMAND SPECIFIES NEW OR REVISED TITLE LINES FOR COLUMNAR FORMATS.
SYNTAX= TITLE
<TTLLINE=<#>NN<D>><,TTLSPEC=TEXT>

FORMATS

THE FORMATS COMMAND DISPLAYS ALL THE AVAILABLE FORMATS. PREDEFINED FORMATS WILL BE FLAGGED WITH AN ASTERISK.
SYNTAX= FORMATS

GENERATE

THE GENERATE COMMAND ALLOWS THE MODIFICATION OF LISTS OF GENERIC KEYS TO CORRESPOND TO HIGHER OR LOWER GENERIC KEY LEVELS.
SYNTAX= GENERATE FIELD=NAME,SET=SET#

GEOSRCH

THE GEOSRCH COMMAND RETURNS THE NUMBER OF IMAGES WHICH ACTUALLY COVER THE PARTICULAR LATITUDE AND LONGITUDE OF INTEREST.
SYNTAX= GEOSRCH SET#,LATITUDE,LONGITUDE

GFIELDS

THE GFIELDS COMMAND DISPLAYS THE NAMES OF VARIOUS KEY FIELD LEVELS OF GENERIC DATA BASES.
SYNTAX= GFIELDS

GO

THE GO COMMAND INSTRUCTS THE SYSTEM TO RESUME PROCESSING FROM THE POINT OF INTERRUPTION.
SYNTAX= GC

GRIDSRCH

THE GRIDSRCH COMMAND IDENTIFIES THE ONE DEGREE GRIDBLOCK CONTAINING THE LATITUDE AND LONGITUDE OF INTEREST. IT THEN RETURNS THE NUMBER OF IMAGES THAT INTERCEPT THAT GRIDBLOCK IN ANY WAY. IT DOES NOT GUARANTEE THAT THE IMAGES IDENTIFIED ACTUALLY COVER THE POINT, BUT ONLY THAT THEY

SHARE A COMMON GRIDBLOCK.
SYNTAX= GRIDSRCH SET#,LATITUDE, LONGITUDE

HELP

THE HELP COMMAND SENDS THE MESSAGE ENTERED BY
THE USER TO THE MTT OPERATOR.
SYNTAX= HELP <TEXT>

IMMEDIATE.COMMANDS

ENTER - EXPLAIN NASIS.IMMEDIATE.COMMANDS - OR,
ENTER - EXPLAIN NASIS.IMMEDIATE.SYNTAX

INDEX

REFERS TO THE CROSS INDEX FILES WHICH ARE
MAINTAINED ON CERTAIN FIELDS OF NASIS FILES TO
FACILITATE INFORMATION RETRIEVAL.

JOIN.COMMANDS

ENTER - EXPLAIN NASIS.JOIN.COMMANDS - OR,
ENTER - EXPLAIN NASIS.JOIN.SYNTAX

KA

THE KA COMMAND INSTRUCTS THE SYSTEM TO BEGIN
USING THE FULL EBCDIC CHARACTER SET WHEN READING
FROM OR WRITING TO THE TERMINAL.
SYNTAX= KA

KB

THE KB COMMAND INSTRUCTS THE SYSTEM TO BEGIN
USING THE FOLDED EBCDIC CHARACTER SET; I.E.,
AUTOMATICALLY TRANSLATING LOWER CASE ALPHABETICS
TO UPPER CASE.
SYNTAX= KB

KEY

THE TERM WHICH REFERENCES THE FIELD WHICH
UNIQUELY IDENTIFIES EACH RECORD WITHIN A FILE.

MAINTENANCE.COMMANDS

ENTER - EXPLAIN NASIS.MAINTENANCE.COMMANDS -
OR,
ENTER - EXPLAIN NASIS.MAINTENANCE.SYNTAX

MESSAGE

THE MESSAGE COMMAND SENDS THE MESSAGE ENTERED BY THE USER TO THE NASISID SPECIFIED. THE ID 'OPERATOR' MAY BE USED TO SEND THE MESSAGE TO THE MTT OPERATOR.

SYNTAX= MESSAGE <NASISID><,TEXT>

MTT.COMMANDS

ENTER - EXPLAIN NASIS.MTT.COMMANDS - OR,
ENTER - EXPLAIN NASIS.MTT.SYNTAX

NASIS.COMMANDS

ENTER - EXPLAIN NASIS.NASIS.COMMANDS - OR,
ENTER - EXPLAIN NASIS.NASIS.SYNTAX

NUSERS

THE NUSERS COMMAND DISPLAYS THE NUMBER OF ACTIVE NASIS USERS.

SYNTAX= NUSERS

PAGE

THE PAGE COMMAND IS USED TO DISPLAY ADDITIONAL "PAGES" OF DATA WHEN THE USER'S REQUEST GENERATES MORE THAN ONE SCREEN OF INFORMATION.

SYNTAX= PAGE

PREDEFINED

A SEQUENTIAL FORMAT AUTOMATICALLY DEFINED BY THE RETRIEVAL SYSTEM FOR ITS CURRENT DATAPLEX FILE.

1. IS ONLY THE KEY FIELD NAME.
2. IS 1 PLUS THE ANCHOR FIELD NAMES IN ALPHABETIC ORDER.
3. IS 2 PLUS ANY ASSOCIATED FIELD NAMES IN ALPHABETIC ORDER.
4. IS 3 PLUS ANY SUBFILE FIELD NAMES IN ALPHABETIC ORDER WITHIN SUBFILE.
5. IS ONLY THE SUBFILE FIELD NAMES IN ALPHABETICAL ORDER.

FOR EXAMPLE, YOU MAY ENTER 'FORMAT #4;DISPLAY' TO SEE FORMAT 4.

PRINT

THE PRINT COMMAND ISSUES PRINTS IN ONE OF THE FOLLOWING FORMS: 1. A KEY ACCORDING TO A FORMAT.

2. ALL OR PART OF A SET OF KEYS ACCORDING TO A FORMAT.

SYNTAX= PRINT
 <,ITEMS=ITEMS><,TYPE='1'|'2'|'3'>

PROFILE

THE PROFILE COMMAND IS USED TO STORE THE CURRENT USER'S PROFILE (I.E., DEFAULTS AND SYNONYMS) FOR USE DURING SUBSEQUENT TERMINAL SESSIONS.

SYNTAX= PROFILE

RERUN

THE RERUN COMMAND IS USED TO RERUN STORED STRATEGIES.

SYNTAX= RERUN <STRATEGY-NAME>

RESTART

THE RESTART COMMAND IS USED TO RESTART AN ABNORMALLY TERMINATED RETRIEVAL SESSION.

SYNTAX= RESTART

RETRIEVE

A NASIS COMMAND WHOSE FUNCTION IS TO INITIATE THE RETRIEVAL SYSTEM.

SYNTAX= RETRIEVE
 FILE=,NAME=,ADDRESS=,SECURITY=<Y|N>
 WHERE,
 FILE = THE DATAPLEX NAME,
 NAME = THE USER'S NAME,
 ADDRESS = THE USER'S ADDRESS,
 SECURITY = THE USER WANTS TO SPECIFY A SECURITY CODE.

RETRIEVAL.COMMANDS

ENTER - EXPLAIN NASIS.RETRIEVAL.COMMANDS - OR,
 ENTER - EXPLAIN NASIS.RETRIEVAL.SYNTAX

SEARCH

THE SEARCH COMMAND IS USED TO ENTER LINEAR SEARCH COMMAND STRINGS WHICH ARE PASSED TO THE SELECT COMMAND.

SYNTAX= SEARCH EXPR=EXPRESSION<,FIELD=NAME>
 ENTER 'EXPLAIN SELECT' FOR AN EXPLANATION OF EXPRESSION.

SECURE

THE SECURE COMMAND ALLOWS THE USER TO CHANGE SECURITY CODES WITHOUT ENDING HIS RETRIEVAL

SESSION.
SYNTAX= SECURE

SELECT

THE SELECT COMMAND TAKES AS INPUT AN EXPRESSION DESCRIBING THE USER'S CRITERIA FOR SELECTION OF RECORDS FROM THE DATA BASE. THE FINAL RESULT IS A LIST OF KEYS (CALLED A 'SET') WHICH POINT TO THOSE RECORDS WHICH MEET THE STATED CRITERIA.

SYNTAX= SELECT
EXPR=EXPRESSION<,FIELD=FIELDNAME>

THE EXPRESSION MAY BE A SIMPLE VALUE FOR A PARTICULAR FIELD IN WHICH THE USER IS INTERESTED. THE FIELDNAME MAY BE SPECIFIED DIRECTLY WITHIN THE EXPRESSION, OR WITH THE 'FIELD=' KEYWORD. E.G.,

```
SELECT (AGE='65')
SELECT '65',AGE
```

THE RESULTS OF THE SELECT COMMAND IS A SET NUMBER (1-99), IF THE FIELD IS INDEXED. IF THE FIELD IS NOT INDEXED, A SEARCH IS REQUIRED AND SELECT RETURNS A PSEUDO-SET NUMBER TO BE USED FOR REFERENCE UNTIL THE 'EXECUTE' COMMAND IS USED TO CAUSE THE EXECUTION OF THE SEARCH, WHEREUPON THE PSEUDO-SET NUMBER IS CONVERTED TO A SET NUMBER.

AFTER AN EXPAND, ANY E-NUMBER MAY BE CONVERTED TO A SET, FOR FUTURE REFERENCE, BY SELECT. E.G.,

```
SELECT E101
```

THE TERMS DESCRIBED ABOVE MAY BE COMBINED WITH BOOLEAN OPERATORS. THE OPERATORS IN ORDER OF PRECEDENCE ARE:

```
& OR * INTERSECTION (AND)
| OR + UNION (OR)
~ OR - EXCLUDING (BUT NOT)
```

EXAMPLES OF BOOLEAN EXPRESSIONS ARE:

```
SELECT 1|2|3|4
SELECT S01|S2
SELECT E100|E101|E102
SELECT '30'|'31'|'32',AGE
SELECT 1 & S1 | E100 ~ '30',AGE
```

PARENTHESES MAY BE USED FOR GROUPING. AN EXPRESSION USING THE '=' OR PARENTHESES MUST BE ITSELF ENCLOSED IN PARENTHESES. E.G.,

```
SELECT (AGE='31')
```

SELECT ((1|2) & (3|4)) FOR MORE INFORMATION AND A DISCUSSION OF MORE POWERFUL OPERATORS, SEE THE SELECT USER'S GUIDE.

SEQUENTIAL

A FORMAT SPECIFYING FIELD NAMES TO BE OUTPUT ONE UNDER ANOTHER AS 'TAGS' WITH THE FIELD VALUES TO THE RIGHT. THERE ARE 5 TO 25 SEQUENTIAL FORMATS CURRENT AT ANY TIME. 1-5 ARE PREDEFINED AND 6-25 ARE USER-DEFINED BY THE FORMAT COMMAND OR BY USING THE NAMES OF STORED SEQUENTIAL FORMATS IN DISPLAY OR PRINT RETRIEVAL COMMANDS.

SETS

THE SETS COMMAND DISPLAYS THE CURRENT SETS OR S-NUMBERS.

SYNTAX= SETS <SET#|S-NUMBER>

STRATEGY

THE STRATEGY COMMAND IS USED TO DISPLAY THE NAMES OF ALL THE STRATEGIES, DISPLAY THE CONTENTS OF A SPECIFIED STRATEGY, OR DELETE A SPECIFIED STRATEGY.

SYNTAX= STRATEGY
OPTION='DELETE'|'LIST'|'NAMES'<,STRATEGY-NAME>

SYNONYM

THE SYNONYM COMMAND IS USED TO DEFINE OR MODIFY SYNONYM VALUES FOR THE VARIOUS NASIS COMMANDS.

SYNTAX= SYNONYM VALUE=COMMAND

SYNONYMS

THE SYNONYMS COMMAND DISPLAYS A LIST OF SPECIFIED, OR ALL OF THE CURRENT SYNONYMS.

SYNTAX= SYNONYMS <'*ALL'|VALUE,...>

SYNTAX

ENTER - EXPLAIN NASIS.SYNTAX - FOR A LIST OF THE SYNTAX OF ALL COMMANDS, OR

ENTER - EXPLAIN NASIS.*****.SYNTAX - WHERE ***** =

CORRECT, EDIT, FORMAT, IMMEDIATE, JOIN, MAINTENANCE, MTT, NASIS, OR RETRIEVAL.

USERS

THE USERS COMMAND DISPLAYS THE NASISIDS OF ALL THE ACTIVE NASIS USERS.

SYNTAX= USERS

WAIT

THIS COMMAND IS NOT YET SUPPORTED.

II. LOCAL TERMS (ASRDI)

ABSTRACT

A BRIEF SUMMARY OF EACH REPORT INDICATING PROBLEMS, SOLUTIONS, APPROACHES, RESULTS AND CONCLUSIONS.

ABSTRCE

THE SOURCE WHICH PREPARED THE ABSTRACT.

AUTHOR

THE SOURCE OF AN ASRDI REPORT, EITHER RESEACHER OR PREPARER.

FILE

A COLLECTION OF ASRDI CITATIONS. THE EIGHT CHARACTER KEY OF THIS FILE IS CALLED 'ACCESSNO' (ACCESSION NUMBER). THE FIRST TWO CHARACTERS ARE THE YEAR THE CITATION WAS LOADED, THE THIRD IS THE TYPE OF CITATION: 'C' FOR CRYOGENIC DATA, 'F' FOR FIRE DATA. THE LAST FIVE CHARACTERS ARE A UNIQUE NUMBER ASSIGNED TO THE CITATION. FOR A LIST OF ASRDI TERMS ENTER: EXPLAIN 'ASRDI.TERMS'.

KEYWORDS

THE INVERTED FIELD WHICH CONTAINS ALL THE UNIQUE TERMS FOUND IN THE LINKTERM, MAJRTERM, MINRTERM, MAJRIDEN AND MINRIDEN FIELDS.

TERMS

THE ASRDI TERMS FOR WHICH EXPLANATIONS ARE AVAILABLE ARE:

"INVERTED FIELDS"...AUTHOR, KEYWORDS,
 "OTHER FIELDS".....ABSTRACT, ABSTRCE,
 ACCFSLVL, CATEGORY, CHENSYMB, CLASTITL,
 COMMENTS, CONTRACT, CORPSRCE, COUNTRY,
 DOCSEUR, DOCSRCE, DOCTYPE, DOWNGRAD,
 ENTRYEVL, FIGURCNT, FREEWORD, FUNDSRCE,
 HARDCOPY, INDEXER, INDXDATE, LINKTERM,
 MAJRIDEN, MAJRTERM, MICROFSH, MINRIDEN,
 MINRTERM, NEWIDEN, PAGECNT, PUBLISHR,
 REPRNCNT, REPORTNO, REPRTCLS, SHELFNO,
 SUPLEMNT, TABLECNT, TEMPNO, TITLE,
 TTLSEUR, USEEVL.

III. LOCAL TERM (NASIS)

COMMANDS

THE NASIS COMMANDS ARE:

```

-----> MII COMMANDS:
DATETIME    HELP          MESSAGE    NUSERS    USERS
WAIT

-----> IMMEDIATE COMMANDS:
$DEBUG      APOFF          DEFAULT   END    EXPLAIN   GO
KA          KB          PAGE PROFILE  PROMPT  SYNONYM
SYCNYSMS STRATEGY

-----> NASIS COMMANDS:
JOIN        MAINTAIN    REPORT    RERUN    RESTART
RETRIEVE SECURE

-----> RETRIEVAL COMMANDS:
CANCEL     CORRECT    DISPLAY   EXECUTE   EXPAND
FIELDS    PCRMAT    FORMATS   GENERATE  GFIELDS
PRINT     RETRIEVE  SEARCH    SELECT    SETS

-----> FORMAT COMMANDS:
DISPLAY    END        FIELD     FIELDS    FORMAT
FORMATS  HEADER    NAME      STORE     TITLES

-----> CORRECT COMMANDS:
ADD        CANCEL     CORRECT   DELETE    DISPLAY
END FIELDS  INSERT    REPLACE   VERIFY

-----> JOIN COMMANDS:
ADD        CHANGE     DELETE    DISPLAY   JOIN
QUIT

-----> MAINTENANCE COMMANDS:
ACCUM      CCMBINE    CORRECT   EDIT      INVERT  LOAD
PRINT     UPDATE

-----> EDIT COMMANDS:
ADD        AEDLIKE    CHANGE    CHKPOINT  CREATSUB
DELETE     DISPLAY    FIELDS    FILE      FLDSEC  MOVE
PATCH     PRINT      RECSEC    RENAME    RESTORE
REVIEW     SAVSTRT   SUPERFLD

FOR THE SYNTAX OF THE INDIVIDUAL COMMANDS, ENTER
'EXPLAIN NASIS.SYNTAX'.

```

CORRECT.COMMANDS

```

ADD        CANCEL     CORRECT   DELETE    DISPLAY
END FIELDS  INSERT    REPLACE   VERIFY

```

CORRECT.SYNTAX

```

ADD        FIELD=DATA< ,FIELD=(DATA,DATA,...) ,...>
CANCEL
CORRECT    <FIELD=NAME>< ,KEY=VALUE>
DELETE     <ELEMENT='RECCRD'|E#S< ,...>>
DISPLAY    <DIRECTON='B'|E#>
END
FIELDS
INSERT     FIELD=DATA< ,FIELD=(DATA,DATA,...) ,...>
REPLACE

```

START=E#,ENC=E#,OLDDATA=VALUE<,NEWDATA=VALUE>
 VERIFY <MCDE='YES'|'NO'>

EDIT.COMMANDS

ADD	ADDLIKE	CHANGE	CHKPOINT	CREATSUB
DELETE	DISPLAY	FIELDS	FILE	FLDSEC
MOVE	PATCH	PRINT	RECSEC	RENAME
RESTORE	REVIEW	SAVSTRT	SUPERFLD	

EDIT.SYNTAX

ADD FLDNAME=FIELD-NAME,
 TYPE= (FLDTYPE=FIELD-TYPE
 <,ALIGN=RIGHT|LEFT>),
 FORM= (FLDFORM=FIELD-FORMAT,
 FLDLN=FIELD-LENGTH,
 ELEMLN=ELEMENT-LENGTH,
 ELEMLN=ELEMENT-NUMBER
 <,UNIQUE=<Y|N>>),
 ROUTINES= (CONV=CONVERSION-ROUTINE,
 FORMAT=FORMATTING-ROUTINE,
 VALID=VALIDATION-ROUTINE,
 VALIDARG=VALIDATION-ARGUMENT),
 INDEXED= (INDEX=<Y|N>,
 IFLDNAME=FIELD-NAME
 <,EXTINT=<INTERNAL|EXTERNAL>,
 EXTLEN=EXTERNAL-LENGTH,
 SPANNED=<Y|N>>),
 ASSOCED= (ASSOC=<Y|N>,
 AFLDNAME=FIELD-NAME),
 SUBFILED= (SUBFILE=<Y|N>,
 SFLDNAME=FIELD-NAME),
 SUBFIELD= (BASEFLD=FIELD-NAME,
 OFFSET=OFFSET
 <,<FILE=<*FILENAME|'ANCHOR'>>
 OR
 <FILE=<ASSOCIATED|SUBFILE>,
 FLDNAME2=FIELD-NAME>>))
 ADDLIKE FLDNAME=NEW-FIELDNAME,
 FLDNAME2=OTHER-FIELDNAME
 CHANGE FLDNAME=FIELD-NAME,
 TYPE= (FLDTYPE=FIELD-TYPE
 <,ALIGN=RIGHT|LEFT>),
 FORM= (FLDFORM=FIELD-FORMAT,
 FLDLN=FIELD-LENGTH,
 ELEMLN=ELEMENT-LENGTH,
 ELEMLN=ELEMENT-NUMBER
 <,UNIQUE=<Y|N>>),
 ROUTINES= (CONV=CONVERSION-ROUTINE,
 FORMAT=FORMATTING-ROUTINE,
 VALID=VALIDATION-ROUTINE,
 VALIDARG=VALIDATION-ARGUMENT),

```

INDEXED= (INDEX=<Y|N>,
          IFLDNAME=FIELD-NAME
          <,>EXTINT=<INTERNAL|EXTERNAL>,
          EXTLEN=EXTERNAL-LENGTH,
          SPANNED=<Y|N>>),
ASSOCED= (ASSOC=<Y|N>,
          AFLDNAME=FIELD-NAME),
SUBFILED= (SUBFILE=<Y|N>,
           SFLDNAME=FIELD-NAME),
SUBFIELD= (BASEFLD=FIELD-NAME,
           OFFSET=OFFSET
           <,><FILE=<*FILENAME|'ANCHOR'>>
           OR
           <FILE=<ASSOCIATED|SUBFILE>,
           FLDNAME2=FIELD-NAME>>)

CHKPOINT
CREATSUB  FLDNAME=CONTROL-FIELD-NAME,
          MAXRECS=#-RECORDS,
          ASSOC=<Y|N>,
          AFLDNAME=FIELD-NAME
DELETE   FLDNAME=FIELD-NAME
DISPLAY  FLDNAME=FIELD-NAME
FIELDS
FILE     DESCOK=<Y|N>
FLDSEC   FLDNAME= (FIELD-NAME<,...>),
          SECURITY= (<<ADD|DELETE>.>
                   SECURITY-CODE<,...>)
MOVE     FLDNAME1=NEW-LOCATION-FIELD-NAME,
          FLDNAME2=FIELD-NAME
          (FIELD-NAME=VALUE<,...>)
PATCH
PRINT
RECSEC   DFLDNAME=FIELD-NAME,
          SECURITY= (<<ADD|DELETE>.>
                   SECURITY-CODE:MASK<,...>)
RENAME   FLDNAME1=NEW-FIELD-NAME,
          FLDNAME2=OLD-FIELD-NAME
RESTORE
REVIEW   FILE=FILE-NAME,
          FLDNAME=FIELD-NAME
SAVSTRT  STRTNAME=STRATEGY-NAME
SUPERFLD FLDNAME=FIELD-NAME,
          ROUTINES= (CONV=CONVERSION-ROUTINE,
                    FCRMT=FORMATTING-ROUTINE,
                    VALID=VALIDATION-ROUTINE,
                    VALIDARG=VALIDATION-ARGUMENT),
          FLDLIST= (<<INTERNAL|EXTERNAL>.>
                   FIELD-NAME<,...>)

```

FORMAT. COMMANDS

DISPLAY	END	FIELD	FIELDS	FORMAT
FORMATS				
HEADER	NAME	STORE	TITLE	

FORMAT.SYNTAX

```

DISPLAY
END
FIELD      FLDSPEC=DATA(,....)
FIELDS
FORMAT     FNUMBER=FMT#
FORMATS
HEADER     <HDRLINE=HDR#><,HDRSPEC=DATA>
NAME       FMTNAME=NAME
STORE     <FMTNAME=NAME>
TITLE     <TTLLINE=TTL#>,<,TTLTEXT=DATA>

```

IMMEDIATE.COMMANDS

```

$DEBUG      APOFF      DEFAULT      END      EXPLAIN      GO
KA          KB          PAGE PROFILE  PROMPT    SYNONYM
SYCNYSMS   STRATEGY

```

IMMEDIATE.SYNTAX

```

$DEPUG
APOFF
DEFAULT     KEYWORD=VALUE(,....)
DEFAULTS   <KEYWORD,....>
END
EXPLAIN     <OPTION='ORIGIN' | 'RESPONSE' | 'TERM' | 'MSG#>
<,MESSAGE=KEYVALUE | 'MSG#>
GO
KA
KB
PAGE        <DIRECTON='BACKWARD' | 'FORWARD'>
<,MCDE='SKIP' | 'NORMAL'>
PROFILE
PROMPT     MESSAGE=KEYVALUE<,INSERTS=DATA,....>
SYNONYM    VALUE=COMMAND<,....>
SYCNYSMS   <'*ALL' | VALUE,....>
STRATEGY
OPTION='NAMES' | 'LIST' | 'DELETE' <,STRATEGY=NAME>

```

JOIN.COMMANDS

```

ADD          CHANGE      DELETE      DISPLAY     JOIN
QUIT

```

JOIN.SYNTAX

```

ADD          NASISID=ID,FILES=FILE LIST
CHANGE
DELETE     NASISID=ID,FILES=FILE LIST
DISPLAY   NASISID=ID
JOIN LIST
QUIT      NASISID=ID

```

MAINTENANCE.COMMANDS

ACCUM	COMBINE	CORRECT	EDIT	INVERT	LOAD
PRINT	UPDATE				

MAINTENANCE.SYNTAX

ACCUM	<FILE-NAME>
COMBINE	<MCDE='F' 'B'><,MODE1='1' '0'> <,FIELD=FIELD-NAME><,MODE2='1' '0'>
CORRECT	<FIELD=FIELD-NAME><,KEY=VALUE>
EDIT	<MCDE='CREATE' 'UPDATE' 'RESTORE'>
INVERT	<FIELD={FIELD-NAME(,....)}> <,MODE=MODE> <,RECORDS=RECORDS> <,RANGE=RANGE>
LOAD	<ICADMCDE=MODE><,LOADEXIT=EXITNAME> <,KEYFMT=FORMATTING><,LOADANC=ANCHOR> <,LOADASSC=ASSOCIATE><,LOADSUB=SUBFILE> <,INVERTED=INDEX><,LOADINPT=INPUT> <,GENERKEY=GENERATE><,ERRFILE=ERROR-FILE> <,LOADERRS=LIMIT>
PRINT	
UPDATE	

MTT.COMMANDS

DATETIME	HELP	MESSAGE	NUSERS	USERS
WAIT				

MTT.SYNTAX

DATETIME	
HELP	<TEXT=MESSAGE>
MESSAGE	USERID=ID,TEXT=MESSAGE
NUSERS	
USERS	
WAIT	<TIME=MINUTES>

NASIS.COMMANDS

JOIN	MAINTAIN	REPORT	RERUN	RESTART
RETRIEVE	SECURE			

NASIS.SYNTAX

JOIN	PASSWORD=VALUE
MAINTAIN	FILE=NAME
REPORT	
RERUN	STRATEGY=NAME
RESTART	
RETRIEVE	
SECURE	

RETRIEVAL.COMMANDS

CANCEL	CORRECT	DISPLAY	EXECUTE	EXPAND
FIELDS	FORMAT	FORMATS	GENERATE	GFIELDS
PRINT	RETRIEVE	SEARCH	SELECT	SETS

RETRIEVAL.SYNTAX

```

CANCEL    <RANGE='SEARCH'|'*ALL'|BSNS>
CORRECT   <FIELD=NAME><,KEY=VALUE><,VERIFY=MODE>
DISPLAY
SET=SET#|KEYVALUE<,FORMAT=FMT#|FMTNAME>
<,ITEM=ITEM#><,TYPE='1'|'2'|'3'>
EXECUTE
EXPAND    TERM=VALUE,FIELD=NAME
FIELDS
FORMAT    FNUMBER=FMT#
FORMATS
GENERATE  FIELD=NAME,SET#=SET
GFIELDS
PRINT          SET=SET#,FORMAT=FMT#,ITEMS=RANGE
<,TYPE='1'|'2'|'3'>
RETRIEVE    FILE=NAME,NAME=USER,ADDRESS=MAILSTOP
<,SECURITY='Y'|'N'>
SEARCH     SET=SET#
SELECT     EXPR=EXPRESSION<,FIELD=NAME>
SETS       <SET#|S-NUMBER>

```

SYNTAX

THE NASIS COMMAND SYNTAX IS:

```

-----> MTT COMMANDS:
DATETIME
HELP      <TEXT=MESSAGE>
MESSAGE  USERID=ID,TEXT=MESSAGE
NUSERS
USERS
WAIT     <TIME=MINUTES>
-----> IMMEDIATE COMMANDS:
$DEBUG
APOFF
DEFAULT  KEYWORD=VALUE<,...>
DEFAULTS <KEYWORD,...>
END
EXPLAIN  <OPTION='ORIGIN'|'RESPONSE'|TERM|MSG#>
<,MESSAGE=KEYVALUE|MSG#>
GO
KA
KB
PAGE          <DIRECTON='BACKWARD'|'FORWARD'>
<,MCDE='SKIP'|'NORMAL'>
PROFILE
PROMPT     MESSAGE=KEYVALUE<,INSERTS=DATA,...>

```

```

SYNONYM VALUE=COMMAND<,...>
SYNCNYS <'*ALL'|VALUE,...>
STRATEGY
OPTION='NAMES'|'LIST'|'DELETE'< ,STRATEGY=NAME>
-----> NASIS COMMANDS:
JOIN PASSWORD=VALUE
MAINTAIN FILE=NAME
REPORT
RERUN STRATEGY=NAME
RESTART
RETRIEVE
SECURE
-----> RETRIEVAL COMMANDS:
CANCEL <RANGE='SEARCH'|'*ALL'|BSNS>
CORRECT <FIELD=NAME>< ,KEY=VALUE>< ,VERIFY=MODE>
DISPLAY
SET=SET#|KEYVALUE< ,FORMAT=FMT#|FMTNAME>
< ,ITEM=ITEM#>< ,TYPE='1'|'2'|'3'>
EXECUTE
EXPAND TERM=VALUE, FIELD=NAME
FIELDS
FORMAT FNUMBER=FMT#
FORMATS
GENERATE FIELD=NAME, SET#=SET
GFIELDS
PRINT SET=SET#< ,FORMAT=FMT#>< ,ITEMS=RANGE>
< ,TYPE='1'|'2'|'3'>
RETRIEVE FILE=NAME, NAME=USER, ADDRESS=MAILSTOP
< ,SECURITY='Y'|'N'>
SEARCH SET=SET#
SELECT EXPR=EXPRESSION< ,FIELD=NAME>
SETS <SET#|S-NUMBER>
-----> FCRMAT COMMANDS:
DISPLAY
END
FIELD FLDSPEC=DATA(,...)
FIELDS
FORMAT FNUMBER=FMT#
FORMATS
HEADER <HDRLINE=HDR#>< ,HDRSPEC=DATA>
NAME FMTNAME=NAME
STORE <FMTNAME=NAME>
TITLE <TILLINE=TTL#>< ,TTLTEXT=DATA>
-----> CORRECT COMMANDS:
ADD FIELD=DATA< ,FIELD=(DATA,DATA,...),...>
CANCEL
CORRECT <FIELD=NAME>< ,KEY=VALUE>
DELETE <ELEMENT='RECORD'|E#S< ,...>>
DISPLAY <DIRECTON='R'|E#>
END
FIELDS
INSERT FIELD=DATA< ,FIELD=(DATA,DATA,...),...>
REPIACE

```

```

START=E#,END=E#,OLDDATA=VALUE<,NEWDATA=VALUE>
VERIFY <MCDE='YES' | 'NO'>
-----> JOIN COMMANDS:
ADD NASISID=ID,FILES=FILE LIST
CHANGE
DELETE NASISID=ID,FILES=FILE LIST
DISPLAY NASISID=ID
JOIN LIST
QUIT NASISID=ID
-----> MAINTENANCE COMMANDS:
ACCUM <FILE-NAME>
COMBINE <MODE='F' | 'R'><,MODE1='1' | '0'>
<,FIELD=FIELD-NAME><,MODE2='1' | '0'>
CORRECT <FIELD=FIELD-NAME><,KEY=VALUE>
EDIT <MCDE='CREATE' | 'UPDATE' | 'RESTORE'>
INVERT <FIELD=(FIELD-NAME(,...))>
<,MODE=MODE>
<,RECORDS=RECORDS>
<,RANGE=RANGE>
LOAD <ICADMODE=MODE><,LOADEXIT=EXITNAME>
<,KEYFMT=FORMATTING><,LOADANC=ANCHOR>
<,LOADASSC=ASSOCIATE><,LOADSUB=SUBFILE>
<,INVERTED=INDEX><,LOADINPT=INPUT>
<,GENERKEY=GENERATE><,ERRFILE=ERROR-FILE>
<,LOADERRS=LIMIT>

PRINT
UPDATE
-----> EDIT COMMANDS:
ADD FLDNAME=FIELD-NAME,
TYPE=(FLDTYPE=FIELD-TYPE
<,ALIGN=RIGHT|LEFT>),
FORM=(FLDFCHM=FIELD-FORMAT,
FLDLN=FIELD-LENGTH,
ELEMLN=ELEMENT-LENGTH,
ELFMLN=ELEMENT-NUMBER
<,UNIQUE=<Y|N>>),
ROUTINES=(CONV=CONVERSION-ROUTINE,
FCRMT=FORMATTING-ROUTINE,
VALID=VALIDATION-ROUTINE,
VALIDARG=VALIDATION-ARGUMENT),
INDEXED=(INDEX=<Y|N>,
IFIDNAME=FIELD-NAME
<,EXTINT=<INTERNAL|EXTERNAL>,
EXTLEN=EXTERNAL-LENGTH,
SPANNED=<Y|N>>),
ASSOCED=(ASSOC=<Y|N>,
AFLDNAME=FIELD-NAME),
SUBFILED=(SUBFILE=<Y|N>,
SFLDNAME=FIELD-NAME),
SUBFIELD=(BASEFLD=FIELD-NAME,
OFFSET=OFFSET
<,<FILE=<*FILENAME|'ANCHOR'>>
OR

```

```

<FILE=<ASSOCIATED|SUBFILE>,
                                FLDNAME2=FIELD-NAME>>)
ADDIIE  FLDNAME=NEW-FIELDNAME,
        FLDNAME2=OTHER-FIELDNAME
CHANGE  FLDNAME=FIELD-NAME,
        TYPE= (FLDTYPE=FIELD-TYPE
              <,>ALIGN=RIGHT|LEFT),
        FORM= (FLDFORM=FIELD-FORMAT,
              FLDLEN=FIELD-LENGTH,
              ELEMLN=ELEMENT-LENGTH,
              ELEMLIM=ELEMENT-NUMBER
              <,>UNIQUE=<Y|N>>),
        ROUTINES= (CONV=CONVERSION-ROUTINE,
                  FCRMT=FORMATTING-ROUTINE,
                  VALID=VALIDATION-ROUTINE,
                  VALIDARG=VALIDATION-ARGUMENT),
        INDEXED= (INDEX=<Y|N>,
                  IFIDNAME=FIELD-NAME
                  <,>EXTINT=<INTERNAL|EXTERNAL>,
                  EXTLEN=EXTERNAL-LENGTH,
                  SPANNED=<Y|N>>),
        ASSOCED= (ASSOC=<Y|N>,
                  AFLDNAME=FIELD-NAME),
        SUBFILED= (SUBFILE=<Y|N>,
                  SFLDNAME=FIELD-NAME),
        SUBFIELD= (BASEFLD=FIELD-NAME,
                  OFFSET=OFFSET
                  <,><FILE=<*FILENAME|'ANCHOR'>>
                  OR
        <FILE=<ASSOCIATED|SUBFILE>,
                                FLDNAME2=FIELD-NAME>>)
CHKPOINT
CREATSUB FLDNAME=CONTROL-FIELD-NAME,
        MAXRECS=#-RECORDS,
        ASSOC=<Y|N>,
        AFIDNAME=FIELD-NAME
DELETE  FLDNAME=FIELD-NAME
DISPLAY FLDNAME=FIELD-NAME
FIELDS
FILE    DESCOK=<Y|N>
FLDSEC  FLDNAME= (FIELD-NAME<,>...>),
        SECURITY= (<<ADD|DELETE>.>
                  SECURITY-CODE<,>...>)
MOVE    FLDNAME1=NEW-LOCATION-FIELD-NAME,
        FLDNAME2=FIELD-NAME
        (FIELD-NAME=VALUE<,>...>)
PATCH
PHINT
RECSEC  DFIDNAME=FIELD-NAME,
        SECURITY= (<<ADD|DELETE>.>
                  SECURITY-CODE:MASK<,>...>)
RENAME  FLINAME1=NEW-FIELD-NAME,
        FIDNAME2=OLD-FIELD-NAME
RESTORE

```

```

REVIEW   FILE=FILE-NAME,
          FLDNAME=FIELD-NAME
SAVSTRT  STRTNAME=STRATEGY-NAME
SUPERFLD FLDNAME=FIELD-NAME,
          ROUTINES=(CONV=CONVERSION-ROUTINE,
                    FORMAT=FORMATTING-ROUTINE,
                    VALID=VALIDATION-ROUTINE,
                    VALIDARG=VALIDATION-ARGUMENT),
          FLDLIST=((<<INTERNAL|EXTERNAL>.>
                    FIELD-NAME<,...>))

```

IV. SYSTEM MESSAGES

DBACCM01

MSG ENTER DATALEX NAME

RSP THE USER SHOULD ENTER THE 6 CHARACTER NAME OF THE DATALEX THAT HE WISHES TO ACCUMULATE STATISTICS FOR.

DBACCM02

MSG CANCELLED: ERROR \$01 ON \$02.

EXP DBPAC ERROR \$01 OCCURRED WHILE PROCESSING EITHER THE DATALEX OR THE STATISTICS FILE INDICATED BY \$02. THE ACCUMULATION OF STATISTICS WAS CANCELLED. NOTIFY YOUR DBA.

DBCHKP01

MSG CANCELLED: ERROR \$01, ATTEMPTING TO \$02 GDG FOR CHECKPOINT DUMP.

EXP AN ERROR HAS OCCURRED WHILE TRYING TO CATALOG, DDEF OR PRINT THE CHECKPOINT DUMP. NOTIFY YOUR DBA.

DBCORR01

MSG ENTER KEY OF RECORD TO BE CORRECTED

EXP USER MUST SPECIFY WHAT KEY IS TO BE CORRECTED.

RSP VALID RESPONSES ARE ANY ANCHOR OR SUBFILE KEY, OR SEQUENTIAL MODE, SPECIFIED AS '+' OR '-' FOLLOWED BY NUMERICS.

DBCORR02

MSG ENTER NAME OF FIELD TO BE CORRECTED

EXP USER MUST SPECIFY A FIELD NAME TO BE CORRECTED.

RSP ANY 1-8 CHARACTER FIELD NAME THAT IS ON THE FILE BEING CORRECTED IS VALID.

DBCORR03

MSG ENTER NEXT CORRECTION

EXP USER MUST ENTER NEXT SUB-COMMAND FOR CORRECT.

RSP VALID RESPONSES ARE:
ADD <DATA>
CANCEL
CORRECT <FIELD,KEY>
DELETE <ELEMENTS>
DISPLAY <DATA>
END
FIELDS
INSERT <FIELD,FIELD,...>
REPLACE <START,END,OLDDATA,NEWDATA>
VERIFY <MCDE>

DBCORR05

MSG INVALID REQUEST, RE-ENTER

EXP USER HAS ENTERED AN INVALID SUB-COMMAND FOR CORRECT.

RSP VALID RESPONSES ARE:
ADD
CANCEL
CORRECT
DELETE
DISPLAY
END
FIELDS
INSERT
REPLACE
VERIFY

DBCORR06

MSG PRINT VERIFICATION (YES,NO)

EXP USER MUST INDICATE IF HE DOES NOT WANT TO DISPLAY THE UPDATED DATA.

RSP VALID RESPONSES ARE:
'YES' - DATA WILL BE DISPLAYED
'NO' - PRINT WILL BE SUPRESSED

DEFAULT IS 'YES'

DBCORR07

MSG NO SEQUENTIAL CORRECTIONS ON SUBFILES, RE-ENTER KEY

EXP USER CANNOT SPECIFY SEQUENTIAL KEY FOR SUBFILE CORRECTIONS, KEY MUST BE REENTERED.

RSP ANY SUBFILE KEY IS VALID.

DBCORR10

MSG CORRECT COMELETE.

EXP CORRECT IS COMPLETED, CONTROL IS BACK TO MAINTAIN.

DBCORR11

MSG DBPAC ERROR(\$01) ON FILE(\$02).

EXP DATA BASE EXECUTIVE ERROR(\$01) HAS OCCURRED ON FILE(\$02).

DBCORR20

MSG ENTER DISPLAY DATA

EXP USER MUST INDICATE WHICH DIRECTION TO PAGE THE DISPLAY, OR ELEMENT TO START DISPLAY AT.

RSP VALID RESPNCSES AFE:
'F' - FORWARD PAGING
'B' - BACKWARD PAGING
'E'# - START DISPLAYING AT THIS ELEMENT NUMBER.
DEFAULT IS FORWARD PAGING.

DBCORR21

MSG ENTER DATA

EXP USER MUST ENTER DATA VALUE TO BE ADDED TO THE FIELD OR DATA VALUE TO BE USED AS REPLACEMENT.

RSP VALID RESECNSE IS ANY 1-4000 CHARACTER DATA VALUE.

DBCORR22

MSG ENTER DELETE PARAMETER

EXP USER MUST SPECIFY ELEMENTS TO BE DELETED.

RSP VALID RESPONSES ARE:

'RECORD' - DELETE ENTIRE RECORD.

'E' (#) - # IS AN INTEGER IDENTIFYING WHICH
ELEMENT TO DELETE

'(E#,E#)' - DELETE THIS RANGE OF ELEMENTS,
ENTERED AS AN ELEMENT FIELD WITH TWO ELEMENTS.

DBCORR24

MSG ENTER STARTING ELEMENT NUMBER

EXP USER MUST ENTER THE STARTING ELEMENT NUMBER FOR
CONTEXT OPERATION.

RSP VALID RESPONSE IS 'E'#, WHERE # IS VALID
INTEGER. DEFAULT IS CURRENT ELEMENT.

DBCORR25

MSG ENTER ENDING ELEMENT NUMBER

EXP USER MUST ENTER THE ENDING ELEMENT NUMBER FOR
CONTEXT OPERATION.

RSP VALID RESPONSE IS 'E'#, WHERE # IS VALID
INTEGER. DEFAULT IS THE CURRENT ELEMENT.

DBCORR26

MSG ENTER DATA TO REPLACE

EXP USER MUST ENTER DATA VALUE TO REPLACE FOR CHANGE
TRANSACTION.

RSP SPECIFIED AS A 1-255 CHARACTER DATA VALUE.

DBCORR31

MSG ERROR IN FINDING SUBFILE CONTROL FIELD IN
FLDTAB.

EXP FIELD NAME WAS IN FIELD TABLE AS A SUBFILE FIELD
BUT CONTROL FIELD CANNOT BE FOUND.

DBCORR33

MSG NO CURRENT ANCHOR KEY.

EXP NO CURRENT ANCHOR RECORD IS AVAILABLE TO LOCATE
SUBFILE RECORDS.

DBCORR40

MSG FIELD NAMES TO BE PREDEFINED? (YES,NO)

RSP FIELD NAMES ARE GIVEN TO ESTABLISH THE ORDER THEY WILL BE ENTERED, ELIMINATING THE NEED OF FUTURE KEYWORDED FIELD VALUES.

DBCORR41

MSG ENTER PREDEFINED FIELDS

RSP ENTER THE FIELD NAMES IN THE ORDER YOU WANT TO ADD THEM

DBCORR42

MSG ENTER (\$01) FIELD

RSP THE FIELD VALUE OF THE FIELD PROMPTED IS TO BE ENTERED

DBCORR43

MSG ENTER NUMBER OF PREDEFINED FIELDS

RSP THE NUMBER OF PREDEFINED FIELDS IS THE TOTAL NUMBER OF DIFFERENT FIELDS THAT CAN NOW BE ADDED IN PREDEFINED MODE.

DBCORR44

MSG (\$01) INVALID NUMERIC FIELD, REENTER

RSP VALUE ENTERED MUST BE NUMERIC DIGITS (0-9)

DBCORR83

MSG \$01 OF DATA SET REACHED, REQUEST IGNORED.

EXP REQUESTED KEY IS EITHER OFF THE END OR BEGINNING OF FILE.

DBCORR84

MSG FIELD NAME \$01 INVALID, REENTER

EXP THE REQUESTED FIELD NAME IS NOT ON THE FILE. USER MUST REENTER A VALID FIELD NAME.

RSP VALID RESPONSE IS ANY VALID 1-8 CHARACTER FIELD NAME ON FILE BEING CORRECTED.

DBCORR85

MSG OLD DATA NOT FOUND, RE-ENTER REQUEST

EXP DATA VALUE TO BE REPLACED COULD NOT BE FOUND.
USER MUST REENTER DATA VALUE.

RSP VALID RESPONSE IS ANY 1-255 CHARACTER DATA VALUE
THAT IS IN THE CURRENT ELEMENT RANGE.

DBCORR86

MSG CANCELLED: ELEMENT LIMIT REACHED.

EXP NO MORE ELEMENTS CAN BE ADDED TO THIS FIELD.

DBCORR88

MSG WARNING: KEY NOT FOUND, USING NEXT LOWER KEY.

EXP THE REQUESTED KEY COULD NOT BE FOUND ON THE FILE
SO THE NEXT LOWER ONE IS BEING USED.

DBCORR89

MSG INVALID \$01 NUMBER, REENTER REQUEST

EXP USER ENTERED AN ELEMENT NUMBER THAT IS INVALID.
USER MUST REENTER THE REQUEST

RSP VALID RESPONSE IS ANY OF THE SUB-COMMANDS.

DBCORR91

MSG TERM \$01 INVALID, REENTER REQUEST

EXP SYNTAX ERROR HAS OCCURRED ON TERM \$01, USER MUST
REENTER HIS REQUEST.

RSP RESPONSE IS ANY VALID SUB-COMMAND.

DBCORR92

MSG NO \$01 FIELD, REENTER REQUEST

EXP DATA FIELD \$01 WAS NOT SPECIFIED, USER MUST
REENTER REQUEST.

RSP VALID RESPONSE IS ANY VALID CORRECT
SUB-COMMAND.

DBCORR94

MSG CANCELLED: DATA BASE EXECUTIVE ERROR.

EXP CORRECT IS CANCELLED BECAUSE OF SEVERE DATA BASE EXECUTIVE ERROR.

DBCORR95

MSG END OF FIELD, REENTER REQUEST

EXP ON PAGE FORWARD, END OF DATA REACHED, USER MUST REENTER HIS REQUEST.

RSP VALID RESPONSE IS ANY VALID CORRECT SUB-COMMAND.

DBCORR97

MSG BEGINNING OF FIELD, REENTER REQUEST

EXP ON PAGE BACKWARD, BEGINNING OF FIELD REACHED.

RSP VALID RESPONSE IS ANY VALID CORRECT SUB-COMMAND.

DBCORR98

MSG CANCELLED: TOO MUCH PROMPTING.

EXP USER IS ONLY ALLOWED FIVE TRIES. YOU LOSE.

DBDRIV01

MSG SELECT INPUT DATA MODE

EXP SELECT ONE OF THE FOLLOWING MODES FOR YOUR INPUT DATA:

A = ALPHANUMERIC,
F = FULLWORD,
H = HALFWORD,
P = PACKED DECIMAL,
L = LONG FLOAT,
S = SHORT FLOAT,
X = HEXADECIMAL.

RSP A = ALPHANUMERIC,
F = FULLWORD,
H = HALFWORD,
P = PACKED DECIMAL,
L = LONG FLOAT,
S = SHORT FLOAT,
X = HEXADECIMAL.

DBDRIV02

MSG ENTER ROUTINE NAMES

EXP THE USER SHOULD ENTER THE ROUTINE NAMES HE IS TESTING IN THE FOLLOWING SEQUENCE; CONVERSION, VALIDATION, REFORMATTING; OR DEFAULT THOSE NOT USED.

RSP THE USER SHOULD ENTER THE ROUTINE NAMES HE IS TESTING IN THE FOLLOWING SEQUENCE; CONVERSION, VALIDATION, REFORMATTING; OR DEFAULT THOSE NOT USED.

DBDRIV03

MSG ENTER VALIDARG

EXP THE USER SHOULD ENTER ANY VALIDATION ROUTINE ARGUMENTS OR DEFAULT WITH A NULL RESPONSE. VALIDATION ARGUMENTS MAY BE ANY CHARACTER STRING UP TO 50 CHARACTERS MAXIMUM.

RSP THE USER SHOULD ENTER ANY VALIDATION ROUTINE ARGUMENTS OR DEFAULT WITH A NULL RESPONSE. VALIDATION ARGUMENTS MAY BE ANY CHARACTER STRING UP TO 50 CHARACTERS MAXIMUM.

DBDRIV04

MSG ENTER DATA VALUE

EXP THE USER SHOULD ENTER THE CHARACTER REPRESENTATION OF HIS TEST DATA, IT WILL AUTOMATICALLY BE CONVERTED TO THE SELECTED INPUT MODE.

RSP THE USER SHOULD ENTER THE CHARACTER REPRESENTATION OF HIS TEST DATA, IT WILL AUTOMATICALLY BE CONVERTED TO THE SELECTED INPUT MODE.

DBDRIV05

MSG DATA VALUE = \$01.

EXP THIS VERIFIES THE USERS INPUT DATA BEFORE IT HAS BEEN CONVERTED TO THE SELECTED INPUT MODE.

DBDRIV06

MSG AFTER CONVERSION, HEX = \$01.

EXP THIS IS THE OUTPUT FROM THE SPECIFIED CONVERSION ROUTINE, IN HEXADECIMAL FORM.

DBDRIV07

MSG AFTER VALIDATION, HEX = \$01.

EXP THIS IS THE OUTPUT FROM THE SPECIFIED VALIDATION ROUTINE, IN HEXADECIMAL FORM.

DBDRIV08

MSG AFTER REFCOMMATTING, HEX = \$01.

EXP THIS IS THE OUTPUT FROM THE SPECIFIED REFCOMMATTING ROUTINE, IN HEXADECIMAL FORM.

DBDRIV09

MSG AFTER REFORMATTING, CHAR= \$01.

EXP THIS IS THE OUTPUT FROM THE SPECIFIED REFCOMMATTING ROUTINE, IN CHARACTER FORM.

DBDRIV10

MSG ROUTINE INPUT VALUE = \$01.

EXP THIS VERIFIES THE USERS INPUT DATA AFTER IT HAS BEEN CONVERTED TO THE SELECTED INPUT MODE.

DBDRIV12

MSG CANCELLED: INVALID MODE.

EXP THE USER HAS ENTERED AN INVALID INPUT MODE. THE COMMAND HAS BEEN CANCELLED AND THE USER WILL BE REPROMPTED FOR ANOTHER INPUT MODE.

DBDRIV13

MSG CANCELLED: ROUTINE NAME TOO LONG.

EXP THE USER HAS ENTERED A ROUTINE NAME EXCEEDING EIGHT CHARACTERS. THE COMMAND HAS BEEN CANCELLED AND THE USER WILL BE REPROMPTED FOR THE ENTIRE ROUTINE NAME STRING.

DBDRIV14

MSG CANCELLED: INVALID CHARACTER IN INPUT STRING.

EXP THE USER HAS ENTERED AN INVALID CHARACTER IN EITHER HEXADECIMAL OR PACKED MODE. THE VALID CHARACTERS ARE:

HEX = 0123456789ABCDEF,

PACKED = 0123456789-+.

DBDRIV15

MSG CANCELLED: ODD NUMBER CHARACTERS IN HEX STRING.

EXP THE USER IS IN HEXADECIMAL MODE AND HAS ENTERED AN INPUT STRING WITH AN ODD NUMBER OF CHARACTERS. THE COMMAND HAS BEEN CANCELLED AND THE USER WILL BE REPROMPTED FOR INPUT DATA.

DBDRIV16

MSG CANCELLED: INPUT DATA REJECTED BY CONVERSION ROUTINE \$01.

EXP THE CONVERSION ROUTINE, \$01, HAS RETURNED WITH THE ERROR EIT ON.

DBDRIV17

MSG CANCELLED: INPUT DATA REJECTED BY VALIDATION ROUTINE \$01.

EXP THE VALIDATION ROUTINE, \$01, HAS RETURNED WITH THE ERROR EIT ON.

DBDRIV18

MSG WARNING: DEBAC NULL VALUE USED.

EXP THE DEBAC NULL BIT PATTERN HAS BEEN USED AS INPUT TO A REFORMATTING ROUTINE. A NULL BIT PATTERN IS ALL BITS OFF (ZERO) EXCEPT THE HIGH ORDER BIT.

DBDRIV19

MSG CANCELLED: CONVERSION ERROR.

EXP THE INPUT DATA COULD NOT BE CONVERTED TO THE SELECTED INPUT MODE. THE COMMAND HAS BEEN CANCELLED AND THE USER WILL BE REPROMPTED FOR INPUT DATA.

DBDRIV20

MSG CANCELLED: ERRCR. ONCODE = \$01, ONLOC = \$02.

EXP AN ERROR HAS OCCURRED. THE PLI ERROR CODE IS \$01, THE ENTRY POINT IS \$02. THE COMMAND HAS BEEN CANCELLED AND THE USER WILL BE REPROMPTED

FOR INPUT DATA.

DBDSPL01

MSG CANCELLED: NOT IN RETRIEVAL SYSTEM.

EXP THE USER HAS TRIED TO EXECUTE THE RETRIEVAL DISPLAY COMMAND WITHOUT BEING IN THE RETRIEVAL SYSTEM. CONTACT YOUR DBA TO DETERMINE HOW THE ERROR OCCURRED.

DBDSPL02

MSG CANCELLED: DATA BASE ERROR \$01.

EXP A DATA BASE ERROR HAS OCCURRED WHILE THE DISPLAY COMMAND WAS ATTEMPTING TO OBTAIN THE DATA SPECIFIED BY THE USER. CONTACT YOUR DBA TO INFORM HIM OF THE ERROR SO IT CAN BE CORRECTED.

DBDSPL03

MSG CANCELLED: NO MORE DATA \$01.

EXP THE USER HAS SPECIFIED A PAGE COMMAND, BUT NO MORE DATA REMAINS TO BE DISPLAYED.

DBDSPL04

MSG FORMAT INCCMPATIBLE FOR GIVEN SET.

EXP USER SPECIFIED A FORMAT WITH FIELDS NOT ON THE SUBFILE DEPINED BY THE GIVEN SET PARAMETER.

DBDSPL05

MSG PAGING DIRECTION \$01 INVALID, FORWARD ASSUMED.

EXP THE USER HAS SPECIFIED AN INVALID DIRECTION (FIRST PARAMETER) FOR A PAGE CCMMAND. THE COMMAND IS ASSUMING A DIRECTION OF FORWARD AND CONTINUING.

DBDSPL06

MSG PAGING MODE \$01 INVALID, NORMAL ASSUMED.

EXP THE USER HAS SPECIFIED AN INVALID MODE (SECOND PARAMETER) FOR A PAGE COMMAND. THE CCMMAND IS ASSUMING NORMAL MODE AND CONTINUING.

DBDSPL07

MSG NO SET NUMBER GIVEN.

EXP THE SPECIFIED SET NUMBER IS NULL OR INVALID; IT
MUST BE SPECIFIED IN A DISPLAY COMMAND.

DBDSPL08

MSG SET NUMBER TOO BIG; \$1 CURRENT SETS.

EXP THE USER HAS SPECIFIED A SET NUMBER GREATER THAN
THE NUMBER OF CURRENT SETS SHOWN.

DBDSPL09

MSG FORMAT NUMBER \$1 (SEQUENTIAL) ASSUMED.

EXP THE USER HAS SPECIFIED A NULL OR INVALID FORMAT;
A DEFAULT IS ASSUMED.

DBDSPL10

MSG ITEM NUMBER \$01 INVALID, 1 ASSUMED.

EXP THE USER HAS SPECIFIED AN ITEM NUMBER (THIRD
PARAMETER) THAT WAS TOO LARGE OR INVALID. THE
COMMAND IS ASSUMING 1 AND CONTINUING.

DBDSPL16

MSG ENTER SET NUMBER

EXP THE USER IS BEING PROMPTED FOR THE
IDENTIFICATION OF THE DATA THAT HE WISHES TO
DISPLAY.

RSP THE USER SHOULD RESPOND WITH EITHER:
A VALID SET NUMBER, OR,
A VALID RECORD KEY.

DBDSPL17

MSG ENTER FORMAT

EXP THE USER IS BEING PROMPTED FOR THE FORMAT IN
WHICH HE WISHES THE DATA TO BE DISPLAYED.

RSP THE USER SHOULD RESPOND WITH EITHER:
A VALID FORMAT NUMBER, OR,
A VALID FORMAT NAME.
DEFAULT: FORMAT 2 FOR ANCHOR FILE DATA AND
FORMAT 5 FOR SUBFILE DATA.

DBDSPL18

MSG ENTER ITEM NUMBER

EXP THE USER IS BEING PROMPTED FOR THE ITEM WITHIN THE DATA SPECIFIED WHICH HE WISHES TO DISPLAY. (E.G. THE KEY WITHIN THE SET)

RSP THE USER SHOULD RESPOND WITH A VALID NUMBER INDICATING WHICH KEY, WITHIN THE SET SPECIFIED, HE WISHES THE DISPLAY TO BEGIN WITH.

DBDSPL19

MSG ENTER PAGE DIRECTION

EXP THE USER IS BEING PROMPTED FOR THE FIRST PARAMETER OF THE PAGE COMMAND. THIS PARAMETER INDICATES THE DIRECTION TO PAGE. KEYWORD IS DIRECTION.

RSP THE USER MAY ENTER B FOR BACKWARD PAGING OR F FOR FORWARD PAGING; THE DEFAULT IS FORWARD PAGING.

DBDSPL20

MSG ENTER PAGE MODE

EXP THE USER IS BEING PROMPTED FOR THE SECOND PARAMETER OF THE PAGE COMMAND. THIS PARAMETER INDICATES THE PAGING MODE WHEN DISPLAYING A SET; KEYWORD IS MODE.

RSP THE USER MAY ENTER S FOR SKIP OR J FOR JUMP. SKIP MODE IMPLIES A PAGE TO THE NEXT KEY IN A SET WHEN DISPLAYING WITH A SEQUENTIAL FORMAT.

DBDSPL43

MSG CANCELLED: ITEM NUMBER \$01 IS TOO LARGE.

EXP THE USER HAS SPECIFIED AN ITEM NUMBER (RELATIVE KEY NUMBER) THAT WAS TOO LARGE FOR THE SET SPECIFIED.

DBDSPL44

MSG CANCELLED: SAVED SCREEN \$01 NOT FOUND.

DBDSPL95

MSG DISPLAYING FIELDS OF SUBFILE(\$1) ONLY.

EXP THE USER HAS SPECIFIED A SET OF SUBFILE KEYS TO

BE DISPLAYED WITH A FORMAT WITH FIELDS NOT ON THAT SUBFILE. THE DISPLAY COMMAND IS CONTINUING WITH ONLY THE FIELDS ON THE RELATED SUBFILE SHOWN.

DBDSPL97

MSG SUCCESSFUL DISPLAY.

EXP THE DISPLAY COMMAND HAS PROCESSED THE DISPLAY PARAMETERS TO A NORMAL COMPLETION.

DBDSPL99

MSG DISPLAY NOT DONE.

EXP THE DISPLAY COMMAND WAS NOT ABLE TO COMPLETE NORMALLY DUE TO A PREVIOUSLY DIAGNOSED ERROR.

DBEDAC01

MSG ON WHICH ASSOCIATED FILE IS FIELD TO BE PLACED?

DBEDAC02

MSG ENTER FIELD ALIGNMENT

EXP THIS DETERMINES THE INPUT DATA IS TO BE RIGHT OR LEFT ALIGNED. FOR NUMERIC DATA, RIGHT ALIGNMENT IS AUTOMATICALLY ASSUMED.

RSP THE CORRECT RESPONSES ARE 'R' OR 'RIGHT' FOR RIGHT ALIGNMENT 'L' OR 'LEFT' FOR LEFT ALIGNMENT.

DBEDAC03

MSG IS THE FIELD TO BE A SUBFIELD (Y OR N)?

DBEDAC04

MSG IS FIELD TO BE ASSOCIATED (Y OF N)?

DBEDAC05

MSG ENTER CONVERSION ROUTINE NAME

DBEDAC06

MSG ENTER ELEMENT LENGTH

DBEDAC07

MSG ENTER NUMBER OF ELEMENTS

DBEDAC08

MSG ENTER INDEX KEY EXTERNAL LENGTH

DBEDAC09

MSG ENTER TYPE OF FILE ON WHICH THE DEFINING BASE
RESIDES

DBEDAC10

MSG ENTER FIELD FORMAT

DBEDAC11

MSG ENTER FIELD LENGTH

DBEDAC12

MSG FIELD LENGTH VALUE MUST BE ENTERED. ENTER FIELD
LENGTH

DBEDAC13

MSG ENTER FIELD NAME

DBEDAC14

MSG ENTER FIELD TYPE

DBEDAC15

MSG ON WHICH FILE DOES THE DEFINING BASE FIELD
RESIDE?

DBEDAC16

MSG ENTER FORMATTING ROUTINE NAME

DBEDAC17

MSG ON WHICH INDEX IS FIELD TO BE PLACED?

DBEDAC18

MSG IS FIELD TO BE INDEXED (Y OR N)?

DBEDAC19

MSG IS INDEX KEY TO BE IN INTERNAL OR EXTERNAL
FORM?

DBEDAC20

MSG ENTER SUBFIELD OFFSET

DBEDAC21

MSG ON WHICH SUBFILE IS THIS FIELD TO BE PLACED?

DBEDAC22

MSG IS INDEX TO BE SPANNED (Y OR N)?

DBEDAC23

MSG IS FIELD TO BE PLACED ON A SUBFILE (Y OR N)?

DBEDAC24

MSG ENTER THE DEFINING BASE FIELD NAME

DBEDAC25

MSG ARE ELEMENTS TO BE UNIQUE (Y OR N)?

DBEDAC26

MSG ENTER VALIDATION ROUTINE NAME

DBEDAC27

MSG FIELD NAME \$01 INVALID. ON WHICH ASSOCIATED FILE
IS FIELD TO BE PLACED?

DBEDAC28

MSG ALIGNMENT VALUE \$01 INVALID. REENTER

DBEDAC29

MSG VALIDATION ARGUMENT \$01 INVALID. REENTER

DBEDAC30

MSG BOOLEAN RESPONSE \$01 INVALID. REENTER

DBEDAC31

MSG CONVERSION ROUTINE \$01 INVALID. REENTER

DBEDAC32

MSG ELEMENT LENGTH \$01 INVALID. REENTER

DBEDAC33

MSG NUMBER OF ELEMENTS \$01 INVALID. REENTER

DBEDAC34

MSG VALUE \$01 INVALID. ENTER INDEX KEY EXTERNAL
LENGTH

DBEDAC35

MSG FILE \$01 INVALID. REENTER

DBEDAC36

MSG FIELD FORMAT \$01 INVALID FOR KEY. WILL BE
DEFAULTED TO 'F'.

DBEDAC37

MSG FIELD FORMAT \$01 INVALID. REENTER

DBEDAC38

MSG CANNOT CHANGE TO FIELD FORMAT \$01. REENTER FIELD
FORMAT

DBEDAC39

MSG \$01 INVALID FIELD LENGTH VALUE. REENTER

DBEDAC40

MSG FIELD NAME \$01 INVALID. REENTER

DBEDAC41

MSG FIELD NAME \$01 INVALID. REENTER

DBEDAC42

MSG FIELD \$01 ALREADY EXISTS. REENTER FIELDNAME

DBEDAC43

MSG FIELD \$01 DOES NOT EXIST. REENTER FIELDNAME

DBEDAC44

MSG FIELD TYPE \$01 INVALID. REENTER

DBEDAC45

MSG KEY IS NOT ALLOWED TO BE A BIT FIELD. REENTER
FIELD TYPE

DBEDAC46

MSG FIELDNAME \$01 INVALID. ON WHICH FILE DOES
DEFINING BASE FIELD RESIDE?

DBEDAC47

MSG FORMATTING ROUTINE NAME \$01 INVALID. REENTER

DBEDAC48

MSG FIELD NAME \$01 INVALID. REENTER

DBEDAC49

MSG FIELD IS TOO LONG TO BE INDEXED. NO INDEX
CREATED FOR THIS FIELD.

DBEDAC50

MSG VALUE \$01 IS INVALID. IS INDEX KEY TO BE IN
INTERNAL OR EXTERNAL FORM?

DBEDAC51

MSG OFFSET VALUE \$01 INVALID. REENTER

DBEDAC52

MSG FIELDNAME \$C1 INVALID. ON WHICH SUBFILE IS FIELD
TO BE PLACED?

DBEDAC53

MSG FIELD LENGTH IS TOO LARGE FOR INDEX TO BE
SPANNED. INDEX NOT SPANNED.

DBEDAC54

MSG A SUBFIELD CANNOT BE INDEXED. FIELD NOT
INDEXED.

DBEDAC55

MSG SPECIFIED ASSOCIATED FILE FOR THE FIELD IS NOT
THE SAME AS THE DEFINING BASE FIELD. CORRECTION
MADE.

DBEDAC56

MSG SPECIFIED SUBFILE FOR THIS FIELD IN NOT THE SAME
AS THE DEFINING BASE FIELD. CORRECTION MADE.

DBEDAC57

MSG FIELD NAME \$01 INVALID. ENTER THE DEFINING BASE
FIELD NAME

DBEDAC58

MSG UNIQUENESS VALUE \$01 INVALID. REENTER

DBEDAC59

MSG VALIDATION ROUTINE NAME \$01 INVALID. REENTER

DBEDAC60

MSG ALL ASSOCIATED FILES ASSIGNED. FIELD NOT
ASSOCIATED.

DBEDAC61

MSG ALL INDEX FILES ASSIGNED. NO INDEX CREATED.

DBEDAC62

MSG FIELDNAME \$01 IS RESERVED. REENTER

DBEDAC63

MSG NOT ALLOWED TO CHANGE TO A BIT FIELD. REENTER
FIELD TYPE

DBEDAC64

MSG CANNOT CHANGE FIELD TO AN ELEMENTAL FIELD
BECAUSE ANOTHER FIELD IS DEFINED ON THIS
FIELD.

DBEDAC65

MSG CANNOT MAKE FIELD A SUBFIELD AS THERE IS ALREADY
ANOTHER FIELD DEFINED ON THIS FIELD.

DBEDAR01

MSG ENTER NEW FIELDNAME

DBEDAR02

MSG ENTER OLD FIELDNAME

DBEDAR03

MSG FIELDNAME \$01 IS INVALID. REENTER NEW FIELDNAME

DBEDAR04

MSG FIELDNAME \$01 ALREADY EXISTS. REENTER NEW
FIELDNAME

DBEDAR05

MSG FIELDNAME \$01 IS A RESERVED NAME. REENTER NEW
FIELDNAME

DBEDAR06

MSG FIELDNAME \$01 DOES NOT EXIST. REENTER OLD
FIELDNAME

DBEDAR07

MSG \$01 IS A RESERVED FIELDNAME. REENTER OLD
FIELDNAME

DBEDCP01

MSG ERROR (\$01) ON FILE \$02

EXP ASSEMBLER ROUTINE ERROR \$01 OCCURED ON FILE
\$02.

DBEDCP02

MSG NO CHECKPOINTED DATA SET TO RESTORE FROM.

DBEDCS01

MSG ON WHICH ASSOCIATED FILE IS FIELD TO BE
PLACED?

DBEDCS02

MSG IS FIELD TO BE ASSOCIATED (Y OR N)?

DBEDCS03

MSG ENTER FIELD NAME

DBEDCS04

MSG HOW MANY SUBFILE RECORDS PER PARENT KEY
RECCRD?

DBEDCS05

MSG FIELD NAME \$01 INVALID. ON WHICH ASSOCIATED FILE
IS FIELD TO BE PLACED?

DBEDCS06

MSG BOOLEAN RESPONSE \$01 INVALID. REENTER

DBEDCS07

MSG FIELD NAME \$01 INVALID. REENTER

DBEDCS08

MSG FIELD \$01 ALREADY EXISTS. REENTER FIELDNAME

DBEDCS09

MSG FIELDNAME \$01 IS RESERVED. REENTER FIELDNAME

DBEDCS10

MSG \$01 INVALID FOR MAXIMUM NUMBER OF RECORDS.
REENTER

DBEDCS11

MSG ALL SUBFILES HAVE BEEN ASSIGNED. NO SUBFILE
CREATED

DBEDCS12

MSG ALL ASSOCIATED FILES ASSIGNED. FIELD NOT
ASSOCIATED.

DBEDDE01

MSG \$01 COMMAND FOR UPDATE MODE ONLY. REENTER

DBEDDE02

MSG \$01 COMMAND FOR CREATE MODE ONLY. REENTER

DBEDDE03

MSG \$YOU HAVE NOT FILE'D. ENTER Y TO END

DBEDDE04

MSG ENTER

DBEDDE05

MSG ENTER FILE NAME

DBEDDE06

MSG \$01 INVALID COMMAND. REENTER

DBEDDE07

MSG FILENAME \$01 INVALID. REENTER

DBEDDE08

MSG RESTORE NOT ALLOWED IN UPDATE MODE. REENTER FILE
NAME

DBEDDE09

MSG ENTER KEY

DBEDDE10

MSG COMMAND NOT ADD. REENTER KEY

DBEDDE11

MSG ERROR IN LOADING FILE \$01. ONCODE=\$02,
FIELDNAME=\$03

DBEDDE12

MSG ENTER DESCRIPTOR EDITOR MODE

DBEDDE13

MSG MODE \$01 INVALID. REENTER

DBEDDI01

MSG X.FIELD_PTR=\$01, RECLN=\$02, LAST=\$03, #=\$04
CNT FLD NAME POINTER

DBEDDI02

MSG ALPHA ALPHANUMERIC ARG_PTR ASSOC_NAMES
ERR_FLAG FIELD_PTR FLD_LAST FLD_PTR FLD_TAB
FSEC_PTR HDF_PTR HEAD_TAB

DBEDDI03

MSG A OF ONFIELD D SYS ERROR.A ONCODE CNT
ROUTINE CNT ONRETURN ONFILE

DBEDDI04

MSG INIT OP ONFIELD SYS ONCODE CNT ROUTINE CNT
ONRETURN CNFILE CLFILE OWNER_ID DSNAME

DBEDDI05

MSG BACKWARD FORWARD FLD NAME ASSOCFIL SUBFIL
INVFILE READONLY SUBCNTRL VARFLD BITFLD NUMALIGN
VARELT UNIQLT INDEXEXT

DBEDDI06

MSG GENRCRT VALIDRTN REFORMAT FLDPOSIT ELTLIM
VALIDARG NAMEFLD SECURITY BASEFLD OFFSET
FILELIST CHANGED

DBEDDI07

MSG ACC SAV FC CURRF LASTF ARR_S

DBEDDI08

MSG HEX_CHARS INDEX_NAMES IOAREA LVA PAT_FILE
PAT_FIELD RSEC_PTR SUBFILE_NAMES SUFFIX
SUPER_PTR CHKPOINT_RECLEN

DBEDDI09

MSG HDR_PTR BACKWARD FORWARD SUFF FILTYP DESCRCT
BSEING DESCOK SPANED DATA MNTNABLE MNTNING LOAD
RSECFP RSECTYCD CHANGE

DBEDDI10

MSG RESERVED.LAST_# ASSOC_LIST CREATEF DATAPLEX
DELFTE_FILES EXIST_FILES FILE_EXISTS INDEX_LIST
#FN LOAD_ERROR

DBEDDI11

MSG X.RSEC_PTR=\$01, #=\$02, CHANGED=\$03
CODE=MASK

DBEDDI12

MSG NEED_FILE SUBFILE_LIST DELETE.KEY_NAME

DBEDDI13

MSG DELETE
FIELD IDS

DBEDDI14

MSG ASSCCLIST CREATEF PLEX DELETE_FILES
EXIST_FILES EXISTS INDEXLIST

DBEDDI15

MSG NEED SUBFILLIST ARG_PTR ERR FIELDPTR FLD_PTR
FSEC_PTR HLR_PTR LVÄ PATFIL PATFIELD RSEC_PTR
SUPERPTR DELETKEY DEL

DBEDDI16

MSG FLD_LAST POINTERS

DBEDDI17

MSG FLD_TAB POINTERS

DBEDDI18

MSG HEAD_TAB POINTERS

DBEDDI19

MSG FILENAME DTP FCEP KYC CURR LOCK WRIT
RWR CLOS OPEN RECNT

DBEDDI20

MSG FLD IS UNDEFINED.

DBEDDI21

MSG FLD_PTR = \$01

DBEDDI22

MSG X.FSEC_PTR=\$01, #=\$02, CHANGED=\$03

DBEDDI23

MSG SECURITY UNDEFINED.

DBEDDI24

MSG ENTER FIELDNAME

DBEDDI25

MSG DSNAME SAV FC CURR LAST ARRS

DBEDDI26

MSG ENTER FIELDNAME

DBEDDI27

MSG ENTER HEADER ID

DBEDDI28

MSG ENTER INTERNAL NAME

DBEDDI29

MSG ENTER DISPLAY TYPE

DBEDDI30

MSG HDR UNDEFINED.

DBEDDI31

MSG HDR_PTR=\$01

DBEDDI32

MSG \$01 INVALID FIELDNAME. REENTER

DBEDDI33

MSG \$01 INVALID HEADER ID. REENTER

DBEDDI34

MSG \$01 INVALID INTERNAL NAME. REENTER

DBEDDI35

MSG \$01 INVALID DISPLAY TYPE. REENTER

DBEDDI36

MSG HEADER \$01 IS UNDEFINED.

DBEDDI37

MSG \$01

DBEDDI38

MSG FIELDNAMES

DBEDDI39

MSG LAST#=\$01
FIELDNAMES

DBEDDI40

MSG RECSEC UNDEFINED.

DBEDDI41

MSG RSEC_PTR=\$01

DBEDDI42

MSG X.SUPER_PTR=\$01, #=\$02, CHANGED=\$03

DBEDDI43

MSG SUPER UNDEFINED.

DBEDDI44

MSG SUPER_PTR=\$01

DBEDDI45

MSG \$01 \$02

DBEDDI46

MSG X.ARG_PTR=\$01, LENGTH=\$02, ARGUMENT=\$03

DBEDDI47

MSG VALID UNDEFINED.

DBEDDI48

MSG ARG_PTR=\$01

DBEDDI49

MSG TO NEXT LINE CONTAINS SAME AS ABOVE.

DBEDDI50

MSG CNT. FIELD NAME POINTER

DBEDDI51

MSG FILENAME DTP FCBP KYC CURR
LOCK WRIT REWR CLOS OPEN RDCT

DBEDDI52

MSG BACKWARD FORWARD FIELD NAME ASSOCFIL
SUBFIL INVFILE READONLY SUBCNTRL VARFLD BITFLD
NUMALIGN VARELT UNICELT I

DBEDDI53

MSG GENERCRT VALIDRTN REFORMAT
 FLDPOSIT FLDLEN ELTLIM ELTLEN VALIDARG NAMEFLD
 SECURITY

DBEDDI54

MSG ASSOC_LIST ERR_FLAG INDEX_LIST
 SUBFILE_LIST

DBEDDI55

MSG DELETE_FILES

DBEDDI56

MSG BASEFID OFFSET FILELIST CHANGED

DBEDDI57

MSG # CHANGED

DBEDDI58

MSG # DELETED FIELDS=\$01

DBEDDI59

MSG ARG_PTR CREATF DATAPLEX FIELD# FIELDPTR EXISTS
 FLD_PTR FSEC_PTR HDR_PTR HEAD# ERR LVA NEED #PN
 RSEC_PTR SUPERPT

DBEDDL01

MSG ENTER FIELD TO BE DELETED

DBEDDL02

MSG FIELD \$01 DOES NOT EXIST. REENTER

DBEDDL03

MSG CANNOT DELETE KEY FIELD. REENTER

DBEDDL04

MSG THE FIELD TO BE DELETED IS A COMPONENT OF THE
 FOLLOWING SUPERFIELDS - \$01.

DBEDDL05

MSG THE FIELD TO BE DELETED HAS THE FOLLOWING FIELDS
 DEFINED ON IT - \$01

DBEDDL06

MSG CANNOT DELETE THE SUBFILE CONTROL FIELD BEFORE
ALL OTHER FIELDS FROM THE SUBFILE ARE DELETED.
REENTER

DBEDDL07

MSG FIELD \$01 IS A RESERVED FIELD. REENTER FIELD TO
BE DELETED

DBEDDP01

MSG ENTER DIRECTION

DBEDDP02

MSG ENTER FIELD NAME

DBEDDP03

MSG DIRECTION \$01 INVALID. REENTER

DBEDDP04

MSG FIELD NAME \$01 INVALID. REENTER

DBEDDP05

MSG NO MORE INFORMATION BACKWARD

DBEDDP06

MSG NO MORE INFORMATION FORWARD

DBEDFD01

MSG ENTER DIRECTION

DBEDFD02

MSG DIRECTION \$01 INVALID. REENTER

DBEDFD03

MSG NO MORE INFORMATION BACKWARD.

DBEDFD04

MSG NO MORE INFORMATION FORWARD.

DBEDFI01

MSG DATA BASE ERROR \$01 ON FILE \$02. FIELD NAME=\$03,
OPERATION=\$04, KEY=\$05

DBEDFI02

MSG ARE DESCRIPTORS COMPLETE (Y OR N)?

DBEDFI03

MSG \$01 INVALID RESPONSE. ARE DESCRIPTORS COMPLETE
(Y OR N)?

DBEDFS01

MSG ENTER FIELD NAME

DBEDFS02

MSG ENTER SECURITY CODE

DBEDFS03

MSG ADD-DELETE INDICATOR IN \$01 INVALID. REENTER
SECURITY CODE

DBEDFS04

MSG FIELD NAME \$01 INVALID. REENTER

DBEDFS05

MSG NO SECURITY IS PERMITTED ON THE KEY FIELD.
REENTER FIELD NAME

DBEDFS06

MSG SECURITY CODE IN \$01 IS INVALID. REENTER
SECURITY CODE

DBEDFS07

MSG TOO MANY SECURITY CODES ON FIELD \$01. SECURITY
CODE \$02 IGNORED.

DBEDGA01

MSG ON WHICH ASSOCIATED FILE IS FIELD TO BE
PLACED?

DBEDGA02

MSG IS FIELD TO BE ASSOCIATED?

DBEDGA03

MSG FIELD NAME \$01 INVALID. ON WHICH ASSOCIATED FILE
IS FIELD TO BE PLACED?

DBEDGA04

MSG BOOLEAN RESPONSE \$01 INVALID. REENTER

DBEDGA05

MSG ALL ASSOCIATED FILES ASSIGNED. NO FILE
CREATED.

DBEDGF01

MSG FIELD NAME \$01 INVALID. REENTER

DBEDGF02

MSG FIELD NAME \$01 INVALID. REENTER

DBEDGF03

MSG FIELD \$01 ALREADY EXISTS. REENTER FIELDNAME

DBEDGF04

MSG FIELD \$01 DOES NOT EXIST. REENTER FIELDNAME

DBEDGF05

MSG FIELDNAME \$01 IS RESERVED. REENTER FIELDNAME

DBEDGR01

MSG ENTER VALIDATION ARGUMENT

DBEDGR02

MSG ENTER ROUTINE NAMES AND ARGUMENT

DBEDGR03

MSG ENTER FORMATTING ROUTINE NAME

DBEDGR04

MSG ENTER VALIDATION ROUTINE NAME

DBEDGR05

MSG VALIDATION ARGUMENT \$01 INVALID. REENTER

DBEDGR06

MSG CONVERSION ROUTINE \$01 INVALID. REENTER

DBEDGR07

MSG FORMATTING ROUTINE NAME \$01 INVALID. REENTER

DBEDGR08

MSG VALIDATION ROUTINE NAME \$01 INVALID. REENTER

DBEDIN01

MSG ERROR WHILE ADDING KEY FIELD. EDIT TERMINATED.

DBEDIN02

MSG FILE \$01 NOT EXISTENT. REENTER

DBEDIN03

MSG DATA BASE ERROR \$02 ON FILE \$01. REENTER

DBEDIN04

MSG ERROR IN LOADING FILE \$01. ONCODE=\$02,
FIELDNAME=\$03

DBEDIN06

MSG ENTER FILE NAME

DBEDIN07

MSG ENTER KEY

DBEDIN08

MSG ENTER DESCRIPTOR EDITOR MODE

DBEDIN09

MSG FIELDNAME \$01 INVALID. REENTER

DBEDIN10

MSG COMMAND NOT ADD. REENTER KEY

DBEDIN11

MSG MODE \$01 INVALID. REENTER

DBEDM001

MSG ENTER NEW POSITION FIELDNAME

DBEDM002

MSG ENTER FIELD NAME TO BE MOVED

DBEDM003

MSG FIELD \$01 DOES NOT EXIST. REENTER NEW POSITION
FIELDNAME

DBEDM004

MSG FIELD \$01 DOES NOT EXIST. REENTER NEW POSITION
FIELDNAME

DBEDM005

MSG FIELD \$01 DOES NOT EXIST. REENTER NEW POSITION
FIELDNAME

DBEDM006

MSG CANNOT MOVE FIELD \$01. REENTER FIELDNAME TO BE
MOVED

DBEDM007

MSG FIELD TO BE MOVED \$01 IS NOT ON THE SAME FIELD
LIST AS THE NEW POSITION FIELD. REENTER FIELD
NAME TO BE MOVED

DBEDM008

MSG THE NEW POSITION FIELDNAME \$01 AND THE FIELD TO
BE MOVED ARE THE SAME FIELD. REENTER THE FIELD
TO BE MOVED

DBEDM009

MSG CANNOT MOVE A REDEFINED FIELD. REENTER FIELD TO
BE MOVED

DBEDM010

MSG A SUPERFIELD HAS NO FIELD POSITION. REENTER NEW
POSITION FIELDNAME

DBEDM011

MSG CANNOT MOVE A SUPERFIELD. REENTER FIELD TO BE

MOVED

DBEDPA01

MSG ENTER PATCH

DBEDPA02

MSG INVALID: THE FIELD IN \$01 IS THE KEY FIELD.
REENTER PATCH

DBEDPA03

MSG CANCELLED: NO RECORD CURRENT.

DBEDPA04

MSG PATCH \$01 IS INVALID. REENTER

DBEDPA05

MSG FIELD NAME IN \$01 IS INVALID. REENTER PATCH

DBEDPG01

MSG ENTER DIRECTION

DBEDPG02

MSG DIRECTICN \$01 INVALID. REENTER

DBEDPG03

MSG NO MORE INFORMATION BACKWARDS.

DBEDPG04

MSG NO RECORD CURRENT

DBEDPG05

MSG NO MORE INFORMATION FORWARD.

DBEDPRO1

MSG ERROR IN ASM\$01. ERROR=\$02.

DBEDRS01

MSG ENTER DEFINING FIELD NAME

EXP ASSEMBLER ROUTINE ERROR \$01 OCCURED ON FILE
\$02.

DBEDRS02

MSG ENTER SECURITY

DBEDRS03

MSG ADD-DELETE CODE IN \$01 INVALID. REENTER SECURITY

DBEDRS04

MSG FIELD \$01 DOES NOT EXIST. REENTER DEFINING FIELD NAME'

DBEDRS05

MSG SECURITY MASK IN \$01 INVALID. REENTER SECURITY

DBEDRS06

MSG SECURITY IN \$01 INVALID. REENTER SECURITY

DBEDRS07

MSG NO SECURITY CODE IN \$01. REENTER SECURITY

DBEDRS08

MSG NO ROOM FOR SECURITY \$01

DBEDRS09

MSG FIELD \$01 UNACCEPTABLE. REENTER DEFINING FIELD

DBEDRS10

MSG NO RECORD SECURITY ON FILE DEFINED BY \$01

DBEDRT01

MSG EFRCR (\$01) ON FILE \$02.

DBEDRV01

MSG DATA BASE ERROR \$01 ON RECORD \$02. FIELD=\$03.

DBEDRV02

MSG ENTER DIRECTION

DBEDRV03

MSG ENTER DESCRIPTOR REGION

DBEDRV04

MSG ENTER FIELD NAME

DBEDRV05

MSG DIRECTION \$01 INVALID. REENTER

DBEDRV06

MSG REGION \$01 INVALID. REENTER

DBEDRV07

MSG REGION \$01 DOES NOT EXIST. REENTER

DBEDRV08

MSG FIELD \$01 INVALID. REENTER

DBEDRV09

MSG NO MORE INFORMATION BACKWARDS.

DBEDRV10

MSG NO MORE INFORMATION FORWARD.

DBEDRV11

MSG NO RECORD CURRENT.

DBEDSS01

MSG ENTER STRATEGY NAME

DBEDSS02

MSG \$01 INVALID STRATEGY NAME. REENTER

DBEDSS03

MSG STRATEGY \$01 ALREADY EXISTS. REENTER STRATEGY
NAME

DBEDST01

MSG CONVERSION ERROR IN SETTING VARIABLE.

DBEDST02

MSG ENTER FIELD NAME

DBEDST03

MSG ENTER HEADER ID

DBEDST04

MSG ENTER PATCH

DBEDST05

MSG ENTER SET TYPE

DBEDST06

MSG ENTER VARIABLE NAME

DBEDST07

MSG \$01 INVALID BINARY NUMBER.

DBEDST08

MSG \$01 INVALID BIT STRING.

DBEDST09

MSG \$01 INVALID FIELDNAME. REENTER

DBEDST10

MSG \$01 INVALID HEADER ID. REENTER

DBEDST11

MSG \$01 INVALID HEXADECIMAL STRING.

DBEDST12

MSG \$01 INVALID INDEX. REENTER VARIABLE NAME

DBEDST13

MSG \$01 INVALID SET TYPE. REENTER

DBEDST14

MSG \$01 INVALID VARIABLE NAME. REENTER

DBEDST15

MSG NO FIELD SECURITY FOR THIS FIELD.

DBEDST16

MSG \$01 IN AN UNDEFINED FILE. REENTER HEADER ID
DBEDST17

MSG NO RECORD SECURITY FOR THIS FILE.
DBEDST18

MSG THIS FIELD IS NOT A SUPERFIELD.
DBEDST19

MSG THIS FIELD HAS NO VALIDATION ARGUMENT.
DBEDSU01

MSG ENTER VALIDATION ARGUMENT
DBEDSU02

MSG ENTER CONVERSION ROUTINE NAME
DBEDSU03

MSG ENTER LIST OF SUPERFIELD COMPONENTS
DBEDSU04

MSG ENTER NAME OF SUPERFIELD
DBEDSU05

MSG ENTER FORMATTING ROUTINE NAME
DBEDSU06

MSG ENTER VALIDATION ROUTINE NAME
DBEDSU07

MSG VALIDATION ARGUMENT \$01 IS INVALID. REENTER
DBEDSU08

MSG ROUTINE NAME \$01 IS INVALID. REENTER CONVERSION
ROUTINE NAME
DBEDSU09

MSG FIELDNAME IN \$01 INVALID. REENTER SUPERFIELD
COMPONENT
DBEDSU10

MSG ALREADY ONE MULTI_ELEMENT FIELD IN THIS SUPER
FIELD. CANNOT ACCEPT \$01. REENTER SUPERFIELD
COMPONENT

DBEDSU11

MSG ALREADY HAVE COMPONENTS FROM ONE SUBFILE. CANNOT
ACCEPT \$01. REENTER SUPERFIELD COMPONENT

DBEDSU12

MSG FIELD \$01 IS INVALID. REENTER

DBEDSU13

MSG FIELD \$01 ALREADY EXISTS. REENTER SUPERFIELD
NAME

DBEDSU14

MSG FIELD \$01 IS A RESERVED FIELD NAME. REENTER
SUPERFIELD NAME

DBEDSU15

MSG ROUTINE NAME \$01 IS INVALID. REENTER FORMATTING
ROUTINE NAME

DBEDSU16

MSG INTERNAL-EXTERNAL INDICATOR IN \$01 INVALID.
REENTER SUPERFIELD COMPONENT

DBEDSU17

MSG ROUTINE NAME \$01 IS INVALID. REENTER VALIDATION
ROUTINE NAME

DBEXPL01

MSG \$01

DBEXPL08

MSG CANCELLED: NO MORE PAGES FORWARD.

EXP THE USER HAS SPECIFIED 'PAGE' DURING AN
EXPLANATION, BUT NO MORE DATA REMAINS TO BE
DISPLAYED FOR THE EXPLANATION.

DBEXPL09

MSG CANCELLED: PAGE BACKWARD NOT VALID FOR

EXPLAIN.

EXP THE USER HAS SPECIFIED 'PAGE BACKWARD' DURING AN EXPLANATION, BUT THE EXPLAIN COMMAND IS NOT DESIGNED TO PAGE BACKWARDS. THE USER SHOULD REENTER HIS ORIGINAL 'EXPLAIN' COMMAND TO SEE THE PREVIOUS PAGES OF THE EXPLANATION AGAIN.

DBEXPL10

MSG PAGING DIRECTION \$01 INVALID, FORWARD ASSUMED.

EXP THE USER HAS SPECIFIED A 'PAGE' COMMAND WITH AN INVALID 'DIRECTON' SPECIFICATION. THE EXPLANATION IS PROCEEDING WITH AN ASSUMED 'PAGE FORWARD'.

DBEXSR01

MSG NUMBER OF RECCRDS SEARCHED \$1.

EXP THE USER HAS INTERRUPTED THE SEARCH EXECUTION; THIS MESSAGE SHOWS THE NUMBER OF RECORDS SEARCHED SC FAR.

DBEXSR02

MSG NUMBER OF RECORDS TO SEARCH \$1.

EXP THE USER HAS INTERRUPTED THE SEARCH EXECUTION OF A SET; THIS MESSAGE SHOWS THE NUMBER OF RECORDS REMAINING TO BE SEARCHED.

DBEXSR05

MSG SEARCH EXECUTION CANCELLED.

EXP THIS MESSAGE INDICATES THE CANCELLATION OF A SEARCH SPECIFICATION AND ANY SEARCH EXECUTION AS A RESULT OF THE CANCEL COMMAND.

DBEXSR06

MSG \$1

EXP THE CONTENTS OF THIS MESSAGE ARE SELF EXPLANATORY.

DBEXSR08

MSG ERROR: ONCODE- \$1, ONSOURCE- \$2, ONKEY- \$3.

EXP A FL/I ERROR HAS BEEN ENCOUNTERED. THE ERROR

CODE THE POSSIBLE ERROR SOURCE AND A POSSIBLE ERROR KEY ARE SHOWN. THIS DATA SHOULD BE CONVEYED TO THE DATA BASE ADMINISTRATOR FOR POSSIBLE RETRIEVAL SYSTEM DAMAGE.

DBEXSR09

MSG A VALID SET COULD NOT BE FOUND TO SEARCH.

EXP NO REAL SET COULD BE RESOLVED AS A SEARCH UNIVERSE.

DBEXSR11

MSG AN EXECUTE IS OUTSTANDING; ISSUE A CANCEL COMMAND.

EXP THE USER HAS ISSUED AN EXECUTE COMMAND BEFORE THE NORMAL OR CANCELED EXECUTION OF A PREVIOUS ONE. A CANCEL COMMAND WILL CANCEL ALL SEARCH EXECUTION AND SPECIFICATIONS.

DBEXSR12

MSG NO SEARCHES HAVE BEEN DEFINED.

EXP THE USER HAS ENTERED AN EXECUTE COMMAND BEFORE SPECIFYING ANY SEARCHING CRITERIA WITH THE SEARCH COMMAND.

DBEXSR16

MSG ERROR IN \$3 READ- \$1, KEY- \$2.

EXP THE SHOWN FILE HAS PRODUCED A DATA BASE READ ERROR AS SHOWN; THE LAST KEY USED IN A READ IS ALSO SHOWN.

DBEXSR17

MSG LIST ERROR OF \$1.

EXP WHILE READING OR WRITING A SET LIST OF KEYS, THE EXECUTE COMMAND GOT THE SHOWN ERROR NUMBER. CONVEY THIS INFORMATION TO THE DATA BASE ADMINISTRATOR.

DBEXSR19

MSG NO EXECUTE ACTIVE.

EXP THE USER HAS ISSUED A CANCEL COMMAND; HOWEVER, NO ACTIVE SEARCH IS OUTSTANDING TO CANCEL.

DBEXSR20

MSG SEARCH IS SUCCESSFUL.

EXP THIS MESSAGE INDICATES THE NORMAL COMPLETION OF A SEARCH EXECUTION.

DBEXSR21

MSG S\$1 UNRESCIVABLE.

EXP THIS DIAGNOSTIC INDICATES THAT THE SHOWN (FOCLEAN) SELECT-DEFINED S-NUMBER COULD NOT BE TRANSFORMED INTO A SET DUE TO AN INCONSISTENCY IN THE SETS IN THE EXPRESSION REPRESENTING THIS S-NUMBER.

DBEXSR22

MSG SEARCH SET IS NULL.

EXP THIS MESSAGE INDICATES THAT THE SET UPON WHICH THE SEARCH IS DEFINED HAS NO ELEMENTS.

DBEXSR23

MSG SET NUMBERS EXCEED SYSTEM LIMIT.

EXP THE SEARCH HAS RESULTED IN MORE SETS THAN DEFINABLE UNDER THE CURRENT MAXIMUM SET NUMBER.

DBEXSR24

MSG SEARCHING \$1

EXP THIS MESSAGE INDICATES THE FILE BEING SEARCHED AT THE TIME OF AN ATTENTION INTERRUPT.

DBEXSR25

MSG SUBFILE(\$1) KEY FIELD NOT FOUND.

EXP THIS MESSAGE INDICATES THAT A KEY FIELD COULD NOT BE FOUND FOR THE SHOWN SUBFILE. CONVEY THIS INFORMATION TO THE DATA BASE ADMINISTRATOR.

DBEXSR26

MSG SUBFILE(\$1) CONTROL FIELD NOT FOUND.

EXP THIS MESSAGE INDICATES THAT A CONTROL FIELD

COULD NOT BE FOUND FOR THE SHOWN SUBFILE. CONVEY
THIS INFORMATION TO THE DATA BASE
ADMINISTRATOR.

DBFLDS97

MSG CANCELLED: INVALID DATA IN FLDTAB.

DBFLDS98

MSG CANCELLED: NO MORE PAGES \$01.

DBFLDS99

MSG CANCELLED: FLDTAB NOT YET ALLOCATED.

DBFORM01

MSG CANCELLED: NOT IN RETRIEVAL SYSTEM.

EXP THE FORMAT COMMAND WAS ENTERED AT DBFORM, BUT
ITS CALLER WAS NOT THE NASIS SYSTEM WHICH IS
ITS REQUIRED ENVIRONMENT.

DBFORM03

MSG ENTER FORMAT NUMBER

EXP IDENTIFY A NEW CURRENT OR STORED FORMAT. THE
KEYWORD IS: FNUMBER.

RSP A FORMAT NUMBER (KEYWORD FNUMBER) HAS THE FORM:
<#>NAME<(<SP><,NP>>> WHERE:
INDICATES REVISION OF AN OLD FORMAT.
NAME IS EITHER A 1-8 CHARACTER STORED FORMAT
NAME OR A NUMBER FROM 1 TO 25 PRECEDED, IF
COLUMNAR, BY 'F'.
SP IS EITHER 'S' FOR SCREEN WIDTH OUTPUT (THE
DEFAULT FOR A NEW FORMAT) OR 'P' FOR PRINTER
WIDTH OUTPUT (132 COLUMNS) OR OMITTED (NO CHANGE
FOR AN OLD FORMAT).
NP IS EITHER 'P' FOR PAGE NUMBERING (THE DEFAULT
FOR A NEW FORMAT), OR 'NP' FOR NO PAGE
NUMBERING, OR OMITTED (NO CHANGE FOR AN OLD
FORMAT).

DBFORM05

MSG CANCELLED: NO FORMAT NUMBER GIVEN.

EXP THE FORMAT COMMAND WAS CANCELLED BECAUSE THE
USER REPLIED (OR HAS AN FNUMBER DEFAULT VALUE
OF) NULL OR BLANK TO A PROMPT FOR A FORMAT

NUMBER.

DBFORM07

MSG FORMAT NUMBER (\$01) INVALID. REENTER

EXP THE FORMAT NUMBER IS LESS THAN 1 OR GREATER THAN 25 OR OMITTED.

RSP PLEASE ENTER: '/EXPLAIN RESPONSE,DBFORM03'.

DBFORM09

MSG STORED FORMAT (\$01) NOT FOUND. REENTER

EXP THE STORED FORMAT COULD NOT BE FOUND OR COULD NOT BE GOTTEN INTO MAIN STORAGE.

RSP ENTER '/END;FORMATS' TO SEE THE FORMATS CURRENTLY AVAILABLE TO YOU OR '/EXPLAIN RESPONSE,DBFORM03'.

DBFORM11

MSG OUTPUT WIDTH (\$01) NOT 'S' OR 'P'. REENTER

EXP THE FIRST ARGUMENT IN THE PARENTHESES AFTER THE FORMAT NUMBER OR NAME (RE) SPECIFIES THE OUTPUT WIDTH FOR A COLUMNAR FORMAT. IT MUST BE 'S' FOR SCREEN WIDTH (ASSUMED FOR A NEW FORMAT) OR 'P' FOR PRINTER WIDTH OR OMITTED (NO CHANGE ASSUMED FOR AN OLD FORMAT).

RSP PLEASE ENTER: '/EXPLAIN RESPONSE,DBFORM03'.

DBFORM13

MSG PAGE NUMBERING (\$01) NOT 'P' OR 'NP'. REENTER

EXP THE SECOND ARGUMENT IN THE PARENTHESES AFTER THE FORMAT NUMBER OR NAME (RE) SPECIFIES THE PAGE NUMBERING OPTION FOR A COLUMNAR FORMAT. IT MUST BE 'P' FOR PAGE NUMBERING (ASSUMED FOR A NEW FORMAT) OR 'NP' FOR NO PAGE NUMBERING OR OMITTED (NO CHANGE ASSUMED FOR AN OLD FORMAT).

RSP PLEASE ENTER: '/EXPLAIN RESPONSE,DBFORM03'.

DBFORM15

MSG FORMAT NUMBER (\$01) NOT FOUND FOR REVISION. REENTER

EXP THE FORMAT NUMBER YOU WISH TO REVISE IS NOT A
CURRENT FORMAT NUMBER. YOU MAY ENTER:
/END;FORMATS
TO SEE THE CURRENT FORMATS.

RSP ENTER: '/END;FORMATS' OR '/EXPLAIN
RESPONSE,IBFORM03'.

DBFORM17

MSG NO ROOM FOR PAGE NUMBERING (\$01). REENTER

EXP THE SECOND ARGUMENT IN THE PARENTHESES AFTER THE
FORMAT NUMBER OR NAME IS 'P' INDICATING THAT
THE USER WISHES TO ADD PAGE NUMBERING TO AN OLD
FORMAT. THERE IS NO ROOM FOR A PAGE NUMBERING
LINE BECAUSE THERE ARE ALREADY 9 TITLE AND/OR
HEADER LINES.

RSP RE-ENTER THE FORMAT NUMBER WITHOUT REQUESTING
PAGE NUMBERING, OR DELETE ONE TITLE OR HEADER
LINE AND THEN RE-ENTER THE FORMAT COMMAND AND
FORMAT NUMBER RE-REQUESTING PAGE NUMBERING.

DBFORM19

MSG DUPLICATE FORMAT NUMBER (\$01). REENTER

EXP YOUR NEW FORMAT NUMBER IS ALREADY A CURRENT
FORMAT NUMBER.

RSP ENTER '/END;FORMATS' TO SEE THE CURRENT FORMAT
NUMBERS OR '/EXPLAIN RESPONSE,DBFORM03'.

DBFORM21

MSG ENTER FORMAT SUBCOMMAND

EXP THE FORMAT COMMAND IS READY TO REVISE (FIELD,
TITLE OR HEADER), DISPLAY, NAME, STORE OR END
THE CURRENT FORMAT OR TO ACCEPT ANOTHER FORMAT
COMMAND.

RSP THE VALID FORMAT SUBCOMMANDS ARE:
FIELD FLDSPEC=FIELD-SPECIFICATION(S)
FIELDS <;PAGE >
TITLE
<TTLINE=LINE-NUMBER><,TTLSPEC=TITLE-VALUE>
HEADER
DISPLAY <;PAGE >
NAME FMTNAME=FORMAT-NAME
STORE <FMTNAME=FORMAT-NAME>
FORMATS <;PAGE >

FORMAT FNUMBER=FORMAT-NUMBER
 <,FLDSPEC=FIELD-SPECIFICATION(S)>
 END

DBFORM23

MSG CANCELLED: INVALID SUBCOMMAND (\$01). ENTER

EXP THE COMMAND YOU ENTERED IS NOT A VALID FORMAT SUBCOMMAND. IF YOU WISH TO DO A RETRIEVAL SYSTEM COMMAND, YOU MUST FIRST ENTER AN 'END;' COMMAND TO TERMINATE THE CURRENT FORMAT PROCESSING.

RSP PLEASE ENTER: 'EXPLAIN RESPONSE,DBFORM21'.

DBFORM25

MSG CANCELLED: (\$01) COMMAND INVALID FOR PREDEFINED FORMATS 1-5. ENTER

EXP THE PREDEFINED SEQUENTIAL FORMATS MAY NOT BE REVISED.

RSP YOU MAY COPY A PREDEFINED SEQUENTIAL FORMAT AND THEN REVISE THE COPY BY ENTERING:
 STORE COPY;NAME OLD;FORMAT #COPY;FIELD
 OR ENTER '/EXPLAIN RESPONSE,DBFORM21'.

DBFORM27

MSG ENTER FIELD SPECIFICATION(S)

EXP ENTER ONE OR MORE FIELD SPECIFICATIONS FOR THE CURRENT FORMAT. THE KEYWORD IS: FLDSPEC.

RSP A FIELD SPECIFICATION (KEYWORD FLDSPEC) HAS THE FORM:

NNNN<{<CCC><,TSA>}> FOR ADDITION WHERE:

NNNN IS A 1-8 CHARACTER FIELD NAME.

CCC IS A 1-8 CHARACTER FIELD NAME ALREADY IN THE FORMAT (FOR INSERTION) OR A 1-3 DIGIT COLUMN POSITION (COLUMNAR ONLY).

TSA FOR A COLUMNAR FORMAT IS 'T' FOR ELEMENT TALLYING, 'S' FOR ELEMENT SUMMING, 'A' FOR ELEMENT AVERAGING OR A COMBINATION SUCH AS 'ST'.

EEEE=FOR DELETION OR

EEEE=NNNN<{<CCC><,TSA>}> FOR REPLACEMENT WHERE:

EEEE IS A 1-8 CHARACTER FIELD NAME ALREADY IN THE FORMAT.

DBFORM29

MSG INVALID FIELD SPECIFICATION SYNTAX (\$01).
REENTER

EXP THE SINGLE FIELD SPECIFICATION COULD NOT BE
PROCESSED BECAUSE ITS SYNTAX IS INVALID.

RSP ENTER: '/EXPLAIN RESPONSE,DBFORM27' OR CARRIAGE
RETURN TO BYPASS THE FIELD SPECIFICATION.

DBFORM31

MSG FIELD (\$01) NOT FOUND IN FORMAT. REENTER

EXP THE SINGLE FIELD SPECIFICATION WAS NOT BE
PROCESSED BECAUSE THE FIELD NAME, EXPECTED TO BE
ALREADY PRESENT IN THE FORMAT, WAS NOT FOUND.

RSP ENTER: 'END;DISPLAY' TO SEE WHAT FIELD NAMES ARE
ALREADY IN THE FORMAT (FOR A COLUMNAR FORMAT, A
'HEADER;' COMMAND BEFORE THE 'DISPLAY' WILL
HELP) OR CARRIAGE RETURN TO BYPASS THE FIELD
SPECIFICATION OR '/EXPLAIN RESPONSE,DBFORM27'.

DBFORM33

MSG INVALID FIELD NAME (\$01). REENTER

EXP THE SINGLE FIELD SPECIFICATION WAS NOT PROCESSED
BECAUSE THE NEW FIELD NAME IS NOT PRESENT ON THE
CURRENT DATAPLEX FILE OR IS NOT PERMITTED TO
YOUR NASIS-ID.

RSP ENTER '/END;FIELDS' TO SEE WHAT FIELDS ARE
AVAILABLE ON THE CURRENT DATAPLEX FILE OR
'/END;RETRIEVE FILE=DATAFILE' TO CHANGE TO
ANOTHER DATAPLEX FILE OR CARRIAGE RETURN TO
BYPASS THE FIELD SPECIFICATION OR '/EXPLAIN
RESPONSE,DEFORM27'.

DBFORM35

MSG COLUMN POSITION (\$01) INVALID. REENTER

EXP THE SINGLE FIELD SPECIFICATION WAS NOT PROCESSED
BECAUSE THE COLUMN REQUESTED WAS LESS THAN 2,
GREATER THAN THE OUTPUT WIDTH, WITHIN ONE COLUMN
OF ANOTHER FIELD OR OMITTED.

RSP ENTER '/END;DISPLAY' TO SEE WHAT COLUMNS WOULD
BE VALID OR CARRIAGE RETURN TO BYPASS THE FIELD
SPECIFICATION OR '/EXPLAIN RESPONSE,DBFORM27'.

DBFORM37

MSG INVALID SUMMARY OPTION (\$01). REENTER

EXP THE SINGLE FIELD SPECIFICATION WAS NOT PROCESSED BECAUSE THE SUMMARY OPTION HAS A CHARACTER OTHER THAN 'T', 'S' OR 'A'.

RSP ENTER '/EXPLAIN RESPONSE,DBFORM27' OR CARRIAGE RETURN TO BYPASS THE FIELD SPECIFICATION.

DBFORM39

MSG DUPLICATE FIELD NAME (\$01). REENTER

EXP THE SINGLE FIELD SPECIFICATION WAS NOT PROCESSED BECAUSE THE NEW FIELD NAME IS ALREADY PRESENT IN THE SEQUENTIAL FORMAT.

RSP ENTER ANOTHER FIELD SPECIFICATION OR CARRIAGE RETURN TO BYPASS THE FIELD SPECIFICATION.

DBFORM41

MSG FORMAT IS FULL. (\$01) REENTER

EXP THE SINGLE FIELD SPECIFICATION WAS NOT PROCESSED BECAUSE THERE IS NO ROOM FOR ANOTHER FIELD SPECIFICATION IN THE FORMAT.

RSP ENTER CARRIAGE RETURN TO BYPASS THE FIELD SPECIFICATION OR ENTER ONE FIELD SPECIFICATION DELETING OR REVISING AN EXISTING FIELD IN THE FORMAT OR ENTER '/END;DISPLAY' TO SEE THE FORMAT (A 'HEADER;' COMMAND BEFORE THE 'DISPLAY' WILL HELP TO SEE A COLUMNAR FORMAT). IF A SCREEN WIDTH COLUMNAR FORMAT WAS MEANT TO BE PRINTER WIDTH, YOU MAY ENTER '/END;FORMAT #FNN(P)' TO ENLARGE THE FORMAT AND THEN THE FURTHER FIELD SPECIFICATIONS.

DBFORM43

MSG INVALID TO SPECIFY COLUMN (\$01). REENTER

EXP THE SINGLE FIELD SPECIFICATION WAS NOT PROCESSED BECAUSE A COLUMN POSITION WAS SPECIFIED BUT THE FIRST FIELD SPECIFICATION FOR THE FORMAT DID NOT SPECIFY A COLUMN POSITION WHICH IMPLIED THAT THE FIELD POSITIONS WOULD BE AUTOMATICALLY COMPUTED PROPORTIONALLY.

RSP RE-ENTER THE FIELD SPECIFICATION WITHOUT SPECIFYING THE COLUMN POSITION OR, IF YOU REALLY WANT TO SPECIFY COLUMN POSITIONS, YOU MUST

DELETE ALL FIELD SPECIFICATIONS AND THEN ADD THEM ALL WITH FIELD POSITIONS (IT MAY BE EASIER TO START OVER ON A NEW FORMAT) OR ENTER CARRIAGE RETURN TO BYPASS THE FIELD SPECIFICATION.

DBFORM45

MSG ENTER FORMAT NAME

EXP ENTER A UNIQUE NAME FOR THE CURRENT FORMAT. THE NAME MAY BE USED LATER IN DISPLAY, PRINT, AND FORMAT COMMANDS TO REFER TO THIS FORMAT. THE KEYWORD IS: FMTNAME.

RSP A FORMAT NAME (KEYWORD FMTNAME) IS A 1-8 CHARACTER ALPHANUMERIC IDENTIFIER BEGINNING WITH AN ALPHABETIC LETTER.

DBFORM47

MSG INVALID (CODE \$01) FORMAT NAME (\$02). REENTER

EXP THE FORMAT NAME IS INVALID OR OMITTED. THE ERROR CODE LETTER SIGNIFIES THE SPECIFIC PROBLEM:
 A: THE NAME CONTAINS AN ILLEGAL CHARACTER.
 B: THE NAME CONFLICTS WITH THE NAME OF A SEQUENTIAL FORMAT.
 C: THE NAME CONFLICTS WITH THE NAME OF A COLUMNAR FORMAT.
 D: THE FORMAT HAS NO NAME; ONE IS REQUIRED TO STORE THE FORMAT.
 E: AN ERROR OCCURRED WHILE ATTEMPTING TO STORE THE FORMAT.

RSP ENTER '/END;FORMATS' TO SEE WHAT FORMAT NAMES ARE ALREADY IN USE OR ENTER '/EXPLAIN RESPONSE,DBFORM45'.

DBFORM49

MSG CANCELLED: (\$01) COMMAND INVALID FOR SEQUENTIAL FORMAT. ENTER

EXP COMMANDS SUCH AS 'TITLE' AND 'HEADER' ARE ONLY VALID FOR A COLUMNAR FORMAT; YOUR CURRENT FORMAT IS A SEQUENTIAL FORMAT.

RSP PLEASE ENTER: 'EXPLAIN RESPONSE,DBFORM21'.

DBFORM51

MSG ENTER TITLE LINE NUMBER

EXP IDENTIFY A RELATIVE TITLE LINE. THE KEYWORD IS:
TTLLINE.

RSP A TITLE LINE NUMBER (KEYWORD TTLLINE) HAS THE
FORM:

<<#>NN<D>> WHERE:
COMPLETE OMISSION INDICATES THE NEXT AVAILABLE
TITLE LINE.
INDICATES REVISION OF AN OLD TITLE LINE.
NN IS A RELATIVE TITLE LINE NUMBER FROM 1-9.
D INDICATES DELETION OF AN OLD TITLE LINE (THE
'#' PREFIX IS REQUIRED).

DBFORM53

MSG INVALID TITLE LINE (\$01). REENTER

EXP THE TITLE LINE NUMBER IS LESS THAN 1 OR GREATER
THAN 9 OR NON-NUMERIC OR OMITTED.

RSP PLEASE ENTER '/EXPLAIN RESPONSE,DBFORM51'.

DBFORM55

MSG TITLE LINE (\$01) NOT FOUND FOR REVISION.
REENTER

EXP THE TITLE LINE NUMBER YOU WISH TO REVISE IS NOT
A CURRENT TITLE LINE.

RSP ENTER '/END;DISPLAY' TO SEE THE CURRENT TITLE
LINES OR '/EXPLAIN RESPONSE,DBFORM51'.

DBFORM57

MSG DUPLICATE TITLE LINE (\$01). REENTER

EXP YOUR NEW TITLE LINE NUMBER IS ALREADY A CURRENT
TITLE LINE NUMBER.

RSP ENTER '/END;DISPLAY' TO SEE THE CURRENT TITLE
LINES OR '/EXPLAIN RESPONSE,DBFORM51'.

DBFORM59

MSG FORMAT TOP IS FULL. (\$01) REENTER

EXP YOUR NEW TITLE OR HEADER LINE CANNOT BE
PROCESSED BECAUSE THERE ARE ALREADY 9 LINES OF
PAGE NUMBERING AND/OR TITLES AND/OR HEADERS.

RSP EITHER REVISE AN EXISTING TITLE/HEADER LINE OR
DELETE A PAGE NUMBERING/TITLE/HEADER LINE TO

MAKE ROOM FOR A NEW LINE. YOU MAY ENTER '/END;DISPLAY' TO SEE HOW THE 9 LINES ARE CURRENTLY USED. TO DELETE PAGE NUMBERING (IF IT IS PRESENT), ENTER '/END;FORMAT #PNN(,NP)'.

DBFORM61

MSG ENTER TITLE VALUE

EXP ENTER THE LITERAL TITLE VALUE TO BE CENTERED IN THE CURRENT TITLE LINE. THE KEYWORD IS: TTLSPEC.

RSP A TITLE VALUE (KEYWORD TTLSPEC) MAY BE NULL IN WHICH CASE THE NAME OF THE DATAPLEX FILE BEING RETRIEVED WILL BE USED. OTHERWISE ENTER A LITERAL TITLE VALUE. TO ENTER LEADING OR TRAILING BLANKS (TO OFFSET THE TITLE FROM CENTER) OR SPECIAL CHARACTERS SUCH AS , ; () ' / YOU MUST ENCLOSE THE VALUE IN SINGLE QUOTE MARKS (WHICH WILL NOT BE PART OF THE VALUE) AND DOUBLE EACH EMBEDDED SINGLE QUOTE MARK. YOU MAY ENTER ' ' TO BLANK THE TITLE LINE.

DBFORM63

MSG ENTER HEADER LINE NUMBER

EXP IDENTIFY A RELATIVE HEADER LINE. THE KEYWORD IS: HDRLINE.

RSP A HEADER LINE NUMBER (KEYWORD HDRLINE) HAS THE FORM:

<<#>NN<D>> WHERE:
 COMPLETE CMISSION INDICATES THE NEXT AVAILABLE HEADER LINE.
 # INDICATES REVISION OF AN OLD HEADER LINE.
 NN IS A RELATIVE HEADER LINE NUMBER FROM 1-9.
 D INDICATES DELETION OF AN OLD HEADER LINE (THE '#' PREFIX IS REQUIRED).

DBFORM65

MSG INVALID HEADER LINE (\$01). REENTER

EXP THE HEADER LINE NUMBER IS LESS THAN 1 OR GREATER THAN 9 OR NON-NUMERIC OR OMITTED.

RSP PLEASE ENTER '/EXPLAIN RESPONSE,DBFORM63'.

DBFORM67

MSG HEADER LINE (\$01) NOT FOUND FOR REVISION.

REENTER

EXP THE HEADER LINE NUMBER YOU WISH TO REVISE IS NOT A CURRENT HEADER LINE.

RSP ENTER '/END;DISPLAY' TO SEE THE CURRENT HEADER LINES OR '/EXPLAIN RESPONSE,DBFORM63'.

DBFORM69

MSG DUPLICATE HEADER LINE (\$01). REENTER

EXP YOUR NEW HEADER LINE NUMBER IS ALREADY A CURRENT HEADER LINE NUMBER.

RSP ENTER '/END;DISPLAY' TO SEE THE CURRENT HEADER LINES OR '/EXPLAIN RESPONSE,DBFORM63'.

DBFORM71

MSG ENTER HEADER SPECIFICATION(S)

EXP ENTER ONE OR MORE HEADER SPECIFICATIONS FOR THE CURRENT HEADER LINE. THE KEYWORD IS: HDRSPEC.

RSP IF ALL HEADER SPECIFICATIONS (KEYWORD HDRSPEC) ARE OMITTED, THEN THE FIELD NAME OF EACH FIELD SPECIFICATION WILL BE CENTERED OVER THE FIELD VALUES. OTHERWISE, EACH HEADER SPECIFICATION SPECIFIES A HEADER VALUE TO BE CENTERED OVER A CERTAIN FIELD'S VALUES. A HEADER SPECIFICATION HAS THE FORM: <TEXT><(EEEE)> WHERE:

TEXT IS EITHER OMITTED, IN WHICH CASE THE FIELD NAME IS USED, OR A LITERAL HEADER VALUE. TO ENTER LEADING OR TRAILING BLANKS (TO OFFSET THE HEADER FROM CENTER) OR SPECIAL CHARACTERS SUCH AS , ; () ' / YOU MUST ENCLOSE THE VALUE IN SINGLE QUOTE MARKS (WHICH WILL NOT BE PART OF THE VALUE) AND DOUBLE EACH EMBEDDED SINGLE QUOTE MARK. TEXT MAY BE ' ' TO BLANK A HEADER.

EEEE IS EITHER OMITTED, IN WHICH CASE THE NEXT FIELD TO THE RIGHT WILL BE HEADED, OR THE NAME OF THE FIELD TO BE HEADED.

IF TEXT AND EEEE ARE BOTH OMITTED, THEN THE "NEXT FIELD" IS ADVANCED BY ONE FIELD TO THE RIGHT FOR THE FOLLOWING HEADER SPECIFICATION.

DBFORM73

MSG INVALID HEADER SPECIFICATION SYNTAX (\$01). REENTER

EXP THE SINGLE HEADER SPECIFICATION COULD NOT BE

PROCESSED BECAUSE ITS SYNTAX IS INVALID.

RSP ENTER '/EXPLAIN RESPONSE, DBFORM71' OR CARRIAGE RETURN TO BYPASS THE HEADER SPECIFICATION.

DBFORM75

MSG HEADER SPECIFICATION PAST RIGHTMOST FIELD OF FORMAT. (\$01) REENTER

EXP THE SINGLE HEADER SPECIFICATION WAS NOT PROCESSED BECAUSE YOU OMITTED THE FIELD NAME TO BE HEADED AND THERE ARE NO FURTHER FIELDS TO THE RIGHT IN THE FORMAT OR THE FORMAT HAS NO FIELD SPECIFICATIONS AT ALL.

RSP ENTER A HEADER SPECIFICATION SPECIFYING THE FIELD TO BE HEADED (OR '/EXPLAIN RESPONSE, DBFORM71' FIRST) OR ENTER '/END;DISPLAY' TO SEE WHAT FIELD NAMES ARE ALREADY IN THE FORMAT (A 'HEADER;' COMMAND BEFORE THE 'DISPLAY' WILL HELP) OR CARRIAGE RETURN TO BYPASS THE HEADER SPECIFICATION. IF THE FORMAT HAS NO FIELD SPECIFICATIONS, YOU MUST ENTER '/END;FIELD' BEFORE YOU MAY SPECIFY HEADERS.

DBFORM77

MSG UNKNOWN FIELD NAME IN HEADER SPECIFICATION (\$01). REENTER

EXP THE SINGLE HEADER SPECIFICATION WAS NOT PROCESSED BECAUSE THE FIELD NAME TO BE HEADED IS NOT PRESENT IN THE FORMAT OR THE FORMAT HAS NO FIELD SPECIFICATIONS AT ALL.

RSP ENTER '/END;DISPLAY' TO SEE WHAT FIELD NAMES ARE PRESENT IN THE FORMAT (A 'HEADER;' COMMAND BEFORE THE 'DISPLAY' WILL HELP) OR CARRIAGE RETURN TO BYPASS THE HEADER SPECIFICATION. IF THE FORMAT HAS NO FIELD SPECIFICATIONS, YOU MUST ENTER '/END;FIELD' BEFORE YOU MAY SPECIFY HEADERS.

DBFORM79

MSG CANCELLED: ILLEGAL ENTRY TO DBFORMP.

EXP THE FORMAT COMMAND WAS ENTERED AT DBFORMP, BUT ITS CALLER WAS NOT THE PAGE IMMEDIATE COMMAND FOLLOWING THE DISPLAY SUBCOMMAND OF THE FORMAT COMMAND IN THE NASIS RETRIEVAL SYSTEM.

DBFORM81

MSG ENTER PAGING DIRECTION

EXP ENTER 'B' TO PAGE THE FORMAT DISPLAY BACKWARDS
(TO THE LEFT, IF COLUMNAR) OR CARRIAGE RETURN
TO PAGE FORWARDS (TO THE RIGHT, IF COLUMNAR).
THE KEYWORD IS: DIRECTON.

RSP THE PAGING DIRECTION (KEYWORD DIRECTON) IS
EITHER:
'B' TO PAGE BACKWARD (UP OR LEFT) OR
NULL OR ANYTHING NOT STARTING WITH 'B' TO PAGE
FORWARD (DOWN OR RIGHT).

DBFORM83

MSG CANCELLED: NO MORE PAGES \$01.

EXP THE PAGE IMMEDIATE COMMAND WAS CANCELLED BECAUSE
THERE ARE NO MORE PAGES IN THE SPECIFIED
DIRECTION (FORWARD OR BACKWARD) FOR THE FORMAT
DISPLAY.

DBGENR01

MSG CANCELLED: FILE \$01 HAS NO GENERIC KEY.

DBGENR02

MSG ENTER GENERIC FIELD NAME

DBGENR03

MSG CANCELLED: \$01 INVALID GENERIC FIELD.

DBGENR04

MSG ENTER KEY OR SET #

DBGENR05

MSG CANCELLED: KEY \$01 UNKNOWN.

DBGENR06

MSG CANCELLED: ERROR \$01 READING THE FILE.

DBGENR07

MSG CANCELLED: ERROR \$01 GENERATING LISTS.

DBGENR10

MSG CANCELLED: LIST ERROR \$01.

DBGENR12

MSG CANCELLED: \$01 IS NOT AN INDEXED FIELD.

DBGENR13

MSG CANCELLED: SET LIMIT EXCEEDED.

DBINDM02

MSG ENTER INVERTED FIELD NAME

EXP THE USER SHOULD ENTER THE FIELD NAME OF THE INVERTED FILE TO BE MERGED.

RSP THE USER SHOULD ENTER THE ANCHOR FILE, SUBFILE, OR ASSOCIATED FILE FIELD NAME THAT CORRESPONDS TO THE MASTER INDEX BEING MERGED.

DBINDM03

MSG ENTER MODE: (1=NEW FILE,0=INPLACE)

EXP IF THE EXISTING MASTER INDEX FILE IS TO BE MAINTAINED INDEFINATELY IN ITS CURRENT FORM THE USER SHOULD MERGE TO A NEW FILE. WHEN THERE ARE NO RESTRICTIONS ON THE MASTER INDEX (SECURITY) THEN MERGING INPLACE MIGHT BE ADVANTAGEOUS. ALSO, IF THERE ARE VERY FEW UPDATES THE MERGE INPLACE IS RECOMMENDED.

RSP THE USER SHOULD ENTER A ZERO (0) IF HE WISHES TO MERGE INDEX INPLACE, OR ENTER ONE (1) IF HE WISHES TO CREATE A NEW FILE.

DBINDM04

MSG ERROR ENCOUNTERED DURING OPEN ON MASTER FILE:
ERROR CODE: \$01

EXP WHEN THE MASTER FILE OPEN WAS INITIATED A CRITICAL ERROR WAS ENCOUNTERED.

DBINDM05

MSG ERROR ENCOUNTERED DURING NEW FILE OPEN: ERROR
CODE: \$01

EXP WHEN NEW FILE OPEN WAS BEING INITIATED A CRITICAL ERROR WAS ENCOUNTERED:

DBINDM06

MSG ERROR ENCOUNTERED DURING UPDATE FILE OPEN: ERROR
CODE: \$01

EXP WHEN UPDATE OPEN WAS INITIATED A CRITICAL ERROR
WAS ENCOUNTERED.

DBINDM07

MSG RECORDS PROCESSED: \$01

EXP THIS IS THE TOTAL # OF RECORDS PRECESSED DURING
THE MERGE OPERATION.

DBINDM11

MSG ERROR ENCCOUNTERED DURING CLOSE OF UPDATE INDEX
FILE: ERROR CODE: \$01

EXP WHEN THE CLOSE OPERATION WAS INITIATED ON THE
UPDATE FILE A CRITICAL ERROR WAS ENCOUNTERED.

DBINDM12

MSG ERROR ENCOUNTERED DURING CLOSE OF MASTER INDEX
FILE: ERROR CODE: \$01

EXP WHEN THE CLOSE OPERATION WAS INITIATED ON THE
MASTER INDEX FILE A CRITICAL ERROR WAS
ENCCOUNTERED:

DBINDM13

MSG ERROR ENCCOUNTERED DURING CLOSE OF NEW INDEX
FILE: ERROR CODE: \$01

EXP THIS ERROR IS ENCCOUNTERED DURING THE CLOSING OF
THE NEW INDEX FILE:

DBINDM14

MSG ERROR ENCCOUNTERED DURING A WRITE FROM UPD WORK
AREA: ERROR CODE: \$01 UPDATE KEY IN ERROR: \$02

EXP THIS ERROR WAS ENCOUNTERED WHILE THE WRITING OF
THE UPD FILE WAS IN PROGRESS. (UPD DOESN'T
MATCH MASTER AT THIS TIME):

DBINDM15

MSG ERROR ENCCOUNTERED DURING A WRITE FROM MASTER
WRK AREA: ERROR CODE: \$01 MASTER KEY IN ERROR:

\$02

EXP THIS ERROR WAS ENCOUNTERED WHILE THE WRITING OF THE MASTER FILE WAS IN PROGRESS. (MASTER AND UPDATE DCN'T MATCH AT THIS POINT).

DBINDM16

MSG ERRCR ENCOUNTERED DURING A WRITE FROM WORK AREA:
ERRCR CODE: \$01 WORK KEY IN ERROR: \$02

EXP THIS ERROR WAS ENCOUNTERED WHILE THE WRITING OF THE WORK AREAS WAS IN PROGRESS. (WPD & MASTER ARE MERGED INTO WORK AT THIS POINT.)

DBINDM17

MSG FIELDS ARE MIXED ON DIFFERENT SUBFILES OR SUBFILE AND PRIMARY FILE, OR ARE ON DIFFERENT INDEX FILES.

EXP THINGS ARE REALLY MIXED UP RECHECK YOUR FIELDS, SUBFILES, SUBFILE, & PRIMARY FILE.

DBINDM18

MSG FIELD (\$01) IS NOT AN INVERTED FIELD.

EXP THE FIELD GIVEN IS NOT AN INVERTED FIELD NAME.

DBINDM20

MSG DEPAC ERROR (\$01) ON FILE (\$02).

EXP ERRCR ON YOUR ANCHOR FILE CHECK IT.

DBINDM22

MSG ERROR FILE. ONCODE IS \$01. FIELD NAME IS \$02.

DBINDM23

MSG ENTER MODE (1=PROCESS DUPS,0=NO DUPS)

EXP THE USER SHOULD ENTER 1 TO ALLOW DUPLICATE INDEX LIST ELEMENTS TO BE PROCESSED OR 0 TO DISALLOW THE PROCESSING DUPLICATES.

DBINDM24

MSG FILE ERROR (\$01) ON FILE (\$02).

EXP ERRCR DURING 'CALL ASWFNDS' ON FILE NAMES.

DBINDM29

MSG ERRCR ENCOUNTERED ON UPDATE FILE: ERROR CODE:
\$01

EXP AN ERROR WAS ENCOUNTERED DURING UPDATE FILE
PROCESSING.

DBINDM30

MSG ERRCR ENCOUNTERED CN MASTER FILE: ERROR CODE:
\$1

EXP AN ERROR WAS ENCOUNTERED DURING MASTER FILE
PROCESSING.

DBINDM31

MSG QUIT PROCESSING Y/N:

EXP USER SHOULD ENTER 'Y' TO QUIT PROCESSING, OR 'N'
TO CONTINUE PROCESSING.

RSP USER SHOULD ENTER 'Y' TO QUIT PROCESSING, OR 'N'
TO CONTINUE PROCESSING.

DBINDM32

MSG ENTER MODE(FIRSTPASS,RESTART) F/R?

EXP THE USER SHOULD ENTER MODE OF PROCESSING 'F' FOR
FIRST PASS, OR 'R' FOR RESTART.

RSP THE USER SHOULD ENTER MODE OF PROCESSING 'F' FOR
FIRST PASS, OR 'R' FOR RESTART.

DBINIT01

MSG ENTER YOUR NAME

EXP ENTER THE NAME TO WHICH ANY COMPUTER CENTER
OUTPUT IS TO BE ADDRESSED.

RSP ENTER A 1-50 CHARACTER NAME, OR DEFAULT TO
SPECIFY YOUR NISIS ID.

DBINIT02

MSG ENTER YOUR ADDRESS

EXP ENTER THE ADDRESS TO WHICH ANY COMPUTER CENTER
OUTPUT IS TO BE SENT.

RSP ENTER A 1-100 CHARACTER ADDRESS, OR DEFAULT TO SPECIFY THE DATE AND TIME.

DBINIT03

MSG ENTER

EXP ENTER THE COMMAND WHICH SPECIFIES THE RETRIEVAL FUNCTION THAT YOU WISH TO INVOKE.

RSP THE AVAILABLE RETRIEVAL COMMANDS ARE-

- CANCEL - CANCEL PRINT AND SEARCH REQUESTS
- CORRECT - CORRECT DATA FILE FIELD VALUES
- DISPLAY - DISPLAY FORMATTED DATA FILE RECORDS
- EXECUTE - EXECUTE DATA FILE SEARCH REQUESTS
- EXPAND - DISPLAY CROSS REFERENCE FILE FIELDS
- FORMAT - DEFINE DATA FILE OUTPUT FORMAT
- FORMATS - DISPLAY OUTPUT FORMAT NAMES
- KEEP - RETAIN DISPLAY OR PRINT REQUEST
- PRINT - PRINT FORMATTED DATA FILE RECORDS
- RETRIEVE - INITIATE A NEW RETRIEVAL SESSION
- SAVE - SAVE SCREEN IMAGES
- SEARCH - SPECIFY DATA FILE SEARCH CRITERIA
- SELECT - SELECT DATA FILE SUBSET
- SETS - DISPLAY DATA FILE SUBSETS.

DBINIT04

MSG CANCELLED: COMMAND \$C1 INVALID.

EXP THE COMMAND THAT YOU ENTERED WAS NOT ONE OF THE AVAILABLE RETRIEVAL COMMANDS. ENTER 'EXPLAIN RESPONSE' IF YOU DON'T KNOW WHAT THE AVAILABLE COMMANDS ARE.

DBINIT05

MSG CANCELLED: TOO MUCH PROMPTING.

EXP YOU ENTERED FIVE SUCCESSIVE INVALID RETRIEVAL COMMANDS. PLEASE USE THE 'EXPLAIN' COMMAND OR SEEK ASSISTANCE BEFORE YOU TRY TO USE THE RETRIEVAL SYSTEM AGAIN.

DBINIT06

MSG CANCELLED: ERROR \$O1 ON FILE \$O2.

EXP A DATA BASE ERROR WAS RAISED WHILE ATTEMPTING TO COMPLETE FILE INITIALIZATION FOR RETRIEVAL. FOR A MORE DETAILED EXPLANATION OF THE ERROR ENTER 'EXPLAIN DEPACKXXX' WHERE 'XXX' IS THE THREE DIGIT ERROR CODE.

DBINIT07

MSG CANCELLED: ERRCR \$01 \$02.

EXP A SYSTEM ERROR OCCURRED WHILE INITIALIZING THE RETRIEVAL SYSTEM. PLEASE INFORM THE NASIS MAINTENANCE STAFF SO THAT IT CAN BE CORRECTED.

DBJOIN01

MSG ENTER PASSWORD

DBJOIN02

MSG INVALID REENTER PASSWORD

DBJOIN03

MSG ENTER

DBJOIN04

MSG INVALID COMMAND REENTER

DBJOIN05

MSG ENTER NASISID

DBJOIN06

MSG INVALID NASISID REENTER

DBJCIN07

MSG ENTER USERS PASSWORD

DBJOIN08

MSG ENTER USERS TIMESLICE

DBJOIN09

MSG INVALID TIMESLICE REENTER

DBJOIN10

MSG ENTER USERS AUTHORITY

DBJOIN11

MSG \$01 INVALID, \$02 ASSUMED.

DBJOIN12

MSG ENTER FILES

DBJOIN13

MSG \$01 INVALID NAME IGNORED.

DBJOIN14

MSG \$01 JCINED TO NASIS WITH PASSWORD=\$02,
TIMESLICE=\$03 MILLIESECONDS, AND AUTHORITY=\$04.

DBJOIN16

MSG CANCELLED TOO MUCH PROMPTING.

DBJOIN17

MSG A CLOSE ERROR OF \$01 ON USERIDS HAS OCCURRED.

DBJOIN18

MSG NO MORE PAGES \$01.

DBJOIN19

MSG \$01SELECT FILE

DBJOIN21

MSG \$01 ERROR CN PASSWRD RECORD.

DBJOIN22

MSG \$01 ERROR ON NASIS ID RECORD.

DBJOIN23

MSG \$01 ERRCR TRYING TO OPEN USERIDS.

DBJOIN24

MSG \$01 ERROR CN USERIDS FILE. IGNORED.

DBJOIN25

MSG \$01 FIND ERROR CN USERIDS.

DBJOIN26

MSG CAN NOT QUIT NASISID PASSWORD.

DBJOIN28

MSG \$01 TRUNCATED TO EIGHT CHARACTERS.

DBJOIN29

MSG (-NO FILES BELONGING TO \$01-)

DBJOIN30

MSG CANNOT LOCATE \$01 RECORD.

DBJOIN69

MSG ENTER FILE NAME

DBLATI01

MSG ENTER SET NUMBER

RSP ENTER ANY VALID SET NUMBER, INDICATING THE SET
TC EE SEARCHED.

DBLATI02

MSG ENTER LATITUDE

RSP ENTER A ALTITUDE, IN THE FORM 00DOOM, WHICH IS
TO EE SEARCHED FOR.

DBLATI03

MSG ENTER LONGITUDE

RSP ENTER A LONGITUDE, IN THE FORM 00DOOM, WHICH IS
TC EE SEARCHED FOR.

DBLATI04

MSG \$01 CANCELLED: INVALID SET NUMBER, REENTER

RSP RESPONSE WAS EITHER NULL OR NOT WITHIN THE RANGE
OF VALID SET NUMBERS.

DBLATI05

MSG \$01 CANCELLED: INVALID LATITUDE, REENTER

RSP RESPONSE WAS NULL.

DBLATIO6

MSG \$01 CANCELLED: INVALID LONGITUDE, REENTER
RSP RESPONSE WAS NULL.

DBLMT001

MSG ERROR: ONCODE = \$01, ONSOURCE = \$02.

DBLMT002

MSG ENTER LIMITS

EXP THE USER IS PROMPTED FOR THE FIELDNAMES ON WHICH
- TO LIMIT THE ANCHOR FILE SET AND THE VALUE
RANGES - IN WHICH THE ANCHOR FILE KEYS ARE TO BE
ACCEPTABLE.

RSP RESPONSE IS IN THE FORM OF
LIMTESTS=(FIELDNAME=VALUE1:VALUE2,...)

DBLMT003

MSG CANCELED: NO LIMITS ENTERED.

DBLMT004

MSG FIELDNAME \$01 IS NOT CONTAINED IN THE ANCHOR KEY
FIELD. REENTER LIMIT

RSP REENTER THE LIMIT IN THE FORM
LIMTESTS=(FIELDNAME=VALUE1:VALUE2)

DBLMT005

MSG THIS FILE KEY CANNOT BE LIMITED.

EXP EITHER THERE ARE NO SUBFIELDS DEFINED ON THE
ANCHOR FILE KEY FIELD, - OR THE DATA BASE
ADMINISTRATOR HAS NOT ENTERED THE TABLE DEFINING
- THE ANCHOR FILE KEY SUBFIELDS.

DBLMT006

MSG CANCELED: NO MORE SETS AVAILABLE.

EXP ALL POSSIBLE SETS HAVE BEEN DEFINED. THERE IS NO
ROOM FOR ANY MORE.

DBLMT007

MSG SET \$01 IS NOT AN ANCHOR FILE SET. REENTER SET#

EXP SUBFILE SETS CANNCT BE LIMITED.

RSP ENTER THE NUMBER OF AN EXISTING ANCHOR FILE SET.

DBLMT008

MSG SET \$01 DOES NOT EXIST. REENTER SET#

RSP ENTER THE NUMBER OF AN EXISTING ANCHOR FILE SET.

DBLMT009

MSG ENTER SET#

RSP ENTER THE NUMBER OF THE ANCHOR FILE SET ON WHICH TO APPLY LIMITS.

DBLMT010

MSG UE \$01 IS TOO BIG. REENTER LIMIT

EXP THE SPECIFIED VALUE IS LONGER THAN 50 CHARACTERS LONG. HENCE TRUNCATION WOULD HAVE TO TAKE PLACE.

RSP ER A RESPONSE IN THE FORM
LIMTESTS=(FIELD=VALUE1:VALUE2)

DBLOAD10

MSG \$01 INPUT RECORDS PROCESSED.

EXP \$01 INPUT FILE RECORDS HAVE BEEN READ.

DBLOAD11

MSG \$01 DATAPLEX RECORDS PROCESSED.

EXP \$01 OUTPUT NASIS FILE RECORDS HAVE BEEN LOADED.

DBLOAD12

MSG LAST RECORD PROCESSED WAS \$01.

EXP THE LAST INPUT RECORD KEY PROCESSED WAS (\$01).

DBLOAD20

MSG \$01 TYPE LOAD INITIATED ON FILE \$02.

EXP \$01 OPERATION INITIATED ON NASIS FILE(\$02).

DBLOAD21

MSG USING \$01 FOR INPUT.

EXP THE INPUT FILE FOR THIS LOAD IS \$01.

DBLOAD22

MSG THE USER EXIT ROUTINE IS \$01.

EXP THE USER WRITTEN EXIT ROUTINE ENTRY POINT IS \$01.

DBLOAD23

MSG ERRORS WILL BE LOGGED ON \$01.

EXP INPUT RECORDS THAT CAUSE DATABASE EXECUTIVE ERRORS WILL BE WRITTEN TO FILE \$01.

DBLOAD24

MSG THE ERROR COUNT FOR THIS LOAD IS \$01.

EXP \$01 DATABASE EXECUTIVE ERRORS WILL BE ALLOWED BEFORE PROGRAM IS TERMINATED.

DBLOAD31

MSG ENTER
MODE (LOADMCDE) -L (LOAD) ,R (RESTART) ,U (UPDATE)

EXP USER MUST ENTER THE MODE OF OPERATION FOR THE PROGRAM.

RSP VALID RESPONSES ARE:
I FOR ICAD
R FOR RESTART
U FOR UPDATE
THERE IS NO PROGRAM DEFAULT FOR THIS
PARAMETER.

DBLOAD32

MSG ENTER EXIT ROUTINE NAME(LOADEXIT)

EXP USER MUST ENTER THE EXIT ROUTINE ENTRY POINT NAME FOR THIS ICAD.

RSP VALID RESPONSE IS A 1-7 CHARACTER ENTRY POINT NAME. PROGRAM DEFAULT IS 'X' CONCATENATED WITH

THE FILENAME.

DBLOAD33

MSG ENTER KEY FORMATTING ROUTINE NAME(KEYFMT)

EXP USER MUST ENTER THE FORMAT ROUTINE NAME OF THE FILE KEY FIELD. IF THE KEY HAS NO FORMAT ROUTINE, ENTER A NULL REPLY.

RSP VALID RESPONSE IS THE 1-8 CHARACTER FORMAT ROUTINE NAME AS ENTERED IN THE DESCRIPTOR. IF NO FORMAT ROUTINE, ENTER NULL REPLY.

DBLOAD34

MSG ANCHOR FILE TO BE LOADED(LOADANC) (Y,N)?

EXP USER MUST INDICATE IF THE ANCHOR FILE IS TO BE LOADED WITH THIS RUN.

RSP VALID RESPONSES ARE:
 'Y' ANCHOR FILE WILL BE LOADED.
 'N' ANCHOR FILE WILL NOT BE LOADED.
 PROGRAM DEFAULT IS 'Y'.

DBLOAD35

MSG ENTER ASSOCIATED FILES TO
 LOCAL(LOADASSC) (1,2,3,...9)

EXP USER MUST INDICATE WHAT ASSOCIATED FILES HE WANTS TO LOAD, IF ANY, WITH THIS LOAD.

RSP VALID RESPONSE IS A SINGLE ASSOCIATED FILE SUFFIX, OR A MULTIPLE LIST OF ASSOCIATED FILE SUFFIXES ENTERED WITH LEFT AND RIGHT PARENS: (1,2,3,...9) IF NO ASSOCIATED FILES, ENTER NULL REPLY.

DBLOAD36

MSG ENTER SUBFILES TO LOAD(LOADSUB) (R,S,T...Z)

EXP USER MUST INDICATE WHAT SUBFILES, IF ANY, HE WISHES TO LOAD WITH THIS LOAD.

RSP VALID RESPONSE IS A SINGLE SUBFILE SUFFIX OR A MULTIPLE LIST OF SUBFILE SUFFIXES ENTERED WITH A LEFT AND RIGHT PAREN: (R,S,T...Z). IF NO SUBFILES ARE TO BE LOADED ENTER NULL REPLY.

DBLOAD37

MSG ENTER FIELD NAMES TO
INVERT (INVERTED) (FIELD, FIELD....)

EXP USER MUST INDICATE WHICH FIELDS, IF ANY, HE
WANTS TO INVERT WITH THIS LOAD.

RSP VALID RESPONSE IS A SINGLE FIELDNAME OR A
MULTIPLE LIST OF FIELDNAMES ENTERED WITH A LEFT
AND RIGHT PAREN: (FIELD, FIELD,....). IF NO
FIELDS ARE TO BE INDEXED WITH THIS LOAD, ENTER A
NULL REPLY.

DBLOAD38

MSG ENTER INPUT DSNAME (LCADINPT)

EXP USER MUST INDICATE THE INPUT FILE DATASET NAME
TO LOAD.

RSP VALID RESPONSE IS THE FULLY QUALIFIED DSNAME OF
THE INPUT DATASET. PROGRAM DEFAULT IS FILENAME
CONCATENATED WITH '.INPUT'.

DBLOAD39

MSG GENERATE LARGE NUMERIC KEYS (GENERKEY) (N, Y) ?

EXP THE USER MUST INDICATE IF LARGE NUMERIC KEYS ARE
TO BE GENERATED FOR THE LOADED FILE.

RSP VALID RESPONSE ARE;
'N' KEYS WILL NOT BE GENERATED.
'Y' KEYS WILL BE GENERATED.
PROGRAM DEFAULT FOR NULL REPLY IS 'N'.

DBLOAD40

MSG ENTER ERROR DSNAME (ERRFILE)

EXP USER MUST INDICATE THE ERROR DATASET NAME.

RSP VALID RESPONSE IS THE FULLY QUALIFIED DATASET
NAME OF THE FILE TO WRITE INPUT ERROR RECORDS
TO. PROGRAM DEFAULT IS FILENAME CONCATENATED
WITH '.ERRFILE'.

DBLOAD41

MSG ENTER ALLOWABLE DATABASE ERROR
COUNT (LCADEFERS) (DEF: 100)

EXP USER MUST ENTER NUMBER OF DATA BASE EXECUTIVE
ERRORS ALLOWED BEFORE PROGRAM IS TERMINATED.

RSP VALID RESPONSE IS NUMERIC DIGITS.

DBLOAD50

MSG KEY FORMATTING ROUTINE IS \$01.

EXP THE FORMATTING ROUTINE NAME FOR THE KEY OF THE FILE BEING LOADED WAS ENTERED AS(\$01).

DBLOAD51

MSG LARGE NUMERIC KEYS(\$01) BE GENERATED.

EXP LARGE NUMERIC KEYS(FIXED BINARY(31))(\$01) BE GENERATED FOR THIS LOAD.

DBLOAD52

MSG ANCHOR FILE(\$01) BE LOADED.

EXP ANCHOR FILE(\$01) BE LOADED FOR THIS LOAD.

DBLOAD53

MSG ASSOCIATED FILE \$01 WILL BE LOADED.

EXP ASSOCIATED FILE WITH SUFFIX(\$01) WILL BE LOADED WITH THIS LOAD.

DBLOAD54

MSG SUBFILE \$01 WILL BE LOADED.

EXP SUBFILE WITH SUFFIX(\$01) WILL BE LOADED WITH THIS LOAD.

DBLOAD55

MSG INDEX FILE \$01 WILL BE LOADED.

EXP INDEX FILE WITH SUFFIX(\$01) WILL BE LOADED WITH THIS LOAD.

DBLOAD80

MSG DEPACK ERRCR(\$01); FIELD(\$02); OFFSET(\$03); LENGTH(\$04);

EXP DATABASE EXECUTIVE ERROR(\$01) HAS OCCURED ON FIELD(\$02) WHICH IS AT OFFSET(\$03) OF INPUT RECCRD, AND HAS A LENGTH OF(\$04).

DBLOAD81

MSG KEY(\$01).

EXP THE KEY OF INPUT FILE IS(\$01).

DBLOAD82

MSG CANCELLED: USER ERROR LIMIT EXCEEDED.

EXP THE LOAD HAS BEEN TERMINATED BECAUSE DATABASE EXECUTIVE ERRORS HAVE EXCEEDED THE USER LIMIT.

DBLOAD83

MSG DBPAC ERROR(\$01) ON FILE(\$02)

EXP DATABASE EXECUTIVE ERROR(\$01) OCCURRED ON FILE(\$02).

DBLOAD84

MSG CANCELLED: UNEXPECTED FILE ERROR.

EXP LOAD HAS TERMINATED BECAUSE OF UNEXPECTED ERROR.

DBLOAD85

MSG CANCELLED: EXIT ROUTINE REQUESTED TERMINATION.

EXP LOAD HAS TERMINATED BECAUSE USER REQUESTED TERMINATION IN THE USER EXIT ROUTINE.

DBLOAD86

MSG INPUT DATA EXHAUSTED, END OF LOAD.

EXP LOAD HAS SUCCESSFULLY REACHED COMPLETION.

DBLOAD89

MSG CANCELLED: UNCORRECTIBLE PL/I ERROR.

EXP LOAD HAS TERMINATED BECAUSE OF UNCORRECTIBLE PL/I ERROR.

DBLOAD93

MSG CANCELLED: ATTENTION INTERRUPT.

EXP LOAD HAS TERMINATED BECAUSE OF USER ATTENTION.

DBLOAD94

MSG STARTING TO BACKUP, ON ABEND USE GENERATION(-1)
FILES FOR RESTART.

EXP LOAD IS STARTING TO WRITE CHECKPOINT BACKUP
FILES. IF THE SYSTEM SHOULD CRASH, FOR RESTART
PROCEDURE, USE BACKUP FILES ONE GENERATION
BACK(-1).

DBLOAD95

MSG FILES SUCCESSFULLY COPIED.

EXP ALL FILES FOR DATAPIEX BEING LOADED HAVE BEEN
COPIED TO A GENERATION DATASET TO BE USED IN
CASE OF SYSTEM FAILURE.

DBMAIN01

MSG ENTER FILE NAME

EXP ENTER THE NAME OF THE FILE UPON WHICH YOU WISH
TO PERFORM MAINTENANCE.

RSP THE FILE NAME MUST CONSIST OF 1-6 ALPHANUMERIC
CHARACTERS AND MUST BEGIN WITH AN ALPHABETIC
CHARACTER.

DBMAIN02

MSG NAME INVALID, REENTER

EXP THE FILE NAME THAT YOU ENTERED WAS INVALID,
PLEASE ENTER THE CORRECT NAME OF THE FILE THAT
YOU WISH TO MAINTAIN.

RSP THE FILE NAME MUST CONSIST OF 1-6 ALPHANUMERIC
CHARACTERS AND MUST BEGIN WITH AN ALPHABETIC
CHARACTER.

DBMAIN03

MSG ENTER

EXP ENTER THE COMMAND WHICH SPECIFIES THE
MAINTENANCE FUNCTION THAT YOU WISH TO INVOKE.

RSP THE AVAILABLE MAINTENANCE COMMANDS ARE-

ACCUM	- ACCUMULATE MAINTENANCE STATISTICS
COMBINE	- COMBINE CROSS REFERENCE FILES
CORRECT	- CORRECT DATA FILE FIELD VALUES
EDIT	- DEFINE DATA FILE
INVERT	- CONSTRUCT CROSS REFERENCE FILE
LOAD	- CONSTRUCT DATA FILE

ERINT - PRODUCE A MAINTENANCE STATISTICS
REPORT
UPDATE - APPLY DATA FILE CORRECTIONS.

DBMAIN04

MSG CANCELLED: COMMAND \$01 INVALID.

EXP THE COMMAND THAT YOU ENTERED WAS NOT ONE OF THE
AVAILABLE MAINTENANCE COMMANDS. ENTER 'EXPLAIN
RESPONSE' IF YOU DON'T KNOW WHAT THE AVAILABLE
COMMANDS ARE.

DBMAIN05

MSG CANCELLED: TOO MUCH PROMPTING.

EXP YOU ENTERED FIVE SUCCESSIVE INVALID MAINTENANCE
COMMANDS. PLEASE USE THE 'EXPLAIN' COMMAND OR
SEEK ASSISTANCE BEFORE YOU TRY TO USE THE
MAINTENANCE SYSTEM AGAIN.

DBMAIN06

MSG CANCELLED: ERROR \$01 ON FILE \$02.

EXP A DATA BASE ERROR WAS RAISED WHILE ATTEMPTING TO
COMPLETE FILE INITIALIZATION FOR MAINTENANCE.
FOR A MORE DETAILED EXPLANATION OF THE ERROR
ENTER 'EXPLAIN DBPACKXX' WHERE 'XXX' IS THE
THREE DIGIT ERROR CODE.

DBMERG01

MSG DBPAC ERROR(\$01) CN FIELD(\$02) ON FILE(\$03).

EXP DATABASE EXECUTIVE ERROR(\$01) ON FIELD(\$02)
OCCURRED CN FILE(\$03).

DBMERG02

MSG ERROR(\$01) CN JOINIDS FILE.

EXP ASSEMBLER FOUTINE ERROR(\$01) OCCURRED ON THE
JOINIDS FILE.

DBMERG03

MSG MERGE IS COMPLETED.

EXP MERGE HAS SUCCESSFULLY FINISHED.

DBMLF01

MSG ID MANDATORY PARM.

EXP THE ID PARM IS MANDATORY FOR COMMAND DELETE AND
REPLACE.

DBMLF02

MSG NO PREVIOUS ID SPECIFIED.

EXP USER MUST HAVE PREVIOUSLY SPECIFIED AN ID PARM
INORDER TO ALLOW SYSTEM TO DEFAULT.

DBMLF03

MSG ID EXCEEDS 8 CHAR.

DBMLF04

MSG TERM MANDATORY PARM.

EXP THE TERM PARM IS MANDATORY FOR ALL COMMANDS.

DBMLF05

MSG ID EXCEEDS 6 CHAR.

EXP THE USER MUST SPECIFY AN ID OF SIX OR LESS
CHARACTERS WHEN DEFINING A TERM.

DBMLF06

MSG TERM EXCEEDS 100 CHAR.

DBMLF07

MSG BEGINNING LINE NUMBER MANDATORY PARM.

EXP THE BEGINNING LINE NUMBER IS MANDATORY FOR THE
DELETE COMMAND.

DBMLF08

MSG BGN LINE NUMBER EXCEEDS 7 CHAR.

DBMLF10

MSG LINE NUMBER EXCEEDS LIMITS OF TYPE.

EXP THE TYPE PARM RESTRICTS THE LINE NUMBER VALUES
AS FOLLOWS; ADD 0000000 TO 0000090
EXP 0000100 TO 0000390
RSP 0000400 TO 9999990

DBMLF11

MSG TERM MANDATORY PARM.

DBMLF12

MSG LAST LINE NUMBER INVALID.

DBMLF13

MSG LAST LINE NUMBER EXCEEDS 7 CHAR.

DBMLF14

MSG NEW LINES TO BE ADDED EXCEED SPACE AVAILABLE.

EXP THIS EXPLAINS ABOVE.

DBMLF15

MSG SYSTEM READY.

DBMLF16

MSG \$01 COMMAND.

DBMLF18

MSG IO ERROR DURING \$01, ERROR \$02.

DBMLF19

MSG ENTER \$01 PARM

DBMLF20

MSG TERM NOT EQUAL.

EXP USER ATTEMPTING TO REPLACE A TERM AND THE TERM
PARM DOES NOT MATCH AN EXISTING TERM.

DBMLF22

MSG KEY NOT FOUND.

DBMLF24

MSG COMMAND COMPLETE.

DBMLF25

MSG KEY NOT FOUND.

DBMLF28

MSG ENDING LINE NUMBER EXCEEDS LAST KEY IN REGION.

DBMLF30

MSG PREFIX NOT EQUAL TO 2 CHARACTERS.

EXP THE PREFIX MAY BE ANY OF THE VALID FILTER CODES
DEFINED BY THE EXPLAIN.

DBMLF31

MSG KEY NOT FOUND.

DBMLF34

MSG TERM NOT EQUAL.

EXP USER ATTEMPTING TO REPLACE A TERM AND THE TERM
DOES NOT MATCH AN EXISTING TERM.

DBMLF35

MSG USER TRYING TO DELETE A TERM ENTER Y OR N

EXP USER HAS SPECIFIED A LINE NUMBER WHICH DENOTES
THE BEGINNING OF AN ENTIRE TERM THE SYSTEM
REQUEST THE USER TO VERIFY HIS DESIRE.

RSP USER ENTERS Y TO DELETE ENTIRE TERM
N TO DISCONTINUE THE COMMAND.

DBMLF36

MSG TERM NOT EQUAL.

DBMLF41

MSG LINE NUMBER IS NOT A MULTIPLE OF 10.

DBMLF42

MSG LAST LINE NUMBER IS LESS THAN BEGINNING LINE
NUMBER.

DBMLF43

MSG USER HAS SPECIFIED AN ENDING LINE NUMBER WHICH
EXCEEDS THE LIMITS OF THIS TERM.

DBMLF46

MSG PARM PROMPT TERMINATED.

DBMNTN02

MSG ADD TRIED AFTER UNSUCCESSFUL ADD OF NEW RECCRD.

EXP USER ATTEMPTING TO ADD A FIELD FOR A NEW RECORD THAT DID NOT GET CREATED.

DBMNTN03

MSG CHG TRIED CN A NULL FIELD.

EXP USER ATTEMPTING TO CHANGE A FIELD THAT IS NULL.

DBMNTN04

MSG (CHG) NO CHANGES WERE MADE TO ANY FIELD.

EXP USER ATTEMPTING TO CHANGE AN ELEMENT THAT DOES NOT EXIST OR CONTEXT DOES NOT MATCH ANY PART OF ELEMENT.

DBMNTN05

MSG TRANSACTION FILE IS OUT OF SEQUENCE.

EXP KEYS CN TRANSACTION FILE ARE NOT IN ASCENDING ORDER.

DBMNTN06

MSG THERE ARE NO TRANSACTIONS TO BE PROCESSED.

EXP USER ATTEMPTING A MAINTENANCE RUN WHEN THERE ARE NO INPUT TRANSACTIONS.

DBMNTN07

MSG DATA PRESENT WHEN NONE SHOULD BE.

EXP TRANSACTION TYPE HAS DATA IN FIELD THAT IS NOT REQUIRED FOR PARTICULAR OPERATION CODE.

DBMNTN09

MSG NO FIELD NAME.

EXP INPUT TRANSACTION HAS NO FIELD NAME TO PROCESS.

DBMNTN10

MSG NO DATA.

EXP TRANSACTION HAS NO DATA WHEN OPERATION CODE
REQUIRES IT.

DBMNTN13

MSG SUCCESSFUL END OF JOB.

EXP PROGRAM HAS RUN TO COMPLETION.

DBMNTN15

MSG UNABLE TO UPDATE THE STATISTICS.

EXP STATISTICS MODULE COULD NOT UPDATE THE STATIC
DATAPLEX.

DBMNTN41

MSG DEBAC ERROR (\$01) ON FILE (\$02).

EXP DATA BASE ERROR (\$01) OCCURRED ON FILE (\$02).

DBMNTN50

MSG INVALID CP-CODE (\$01).

EXP OPERATICN CCDE CN TRANSACTION WAS NOT VALID.

DBMNTN60

MSG KEY IS (\$01), TIME IS (\$02)

EXP TRANSACTION KEY IS DISPLAYED, TIME IS
DISPLAYED.

DBMNTN61

MSG NASISID = (\$01), OPCODE = (\$02), FIELD =
(\$03).

EXP TRANSACTION FIELDS: NASISID, OPCODE, AND FIELD
ARE DISPLAYED.

DBMNTN62

MSG START = (\$01), END = (\$02), OLDDATA = (\$03),
NEWDATA = (\$04).

EXP TRANSACTION FILE FIELDS: START, END, OLDDATA,

NEWDATA ARE DISPLAYED.

DBMNTN63

MSG SUBKEY = (\$01), CTLFLD = (\$02).

EXP TRANSACTION FILE FIELDS: SUBKEY, CTLFLD ARE DISPLAYED.

DBMTT*01

MSG ENTER NASIS COMMAND

EXP ENTER THE COMMAND WHICH SPECIFIES THE NASIS SUBSYSTEM OR FUNCTION THAT YOU WISH TO INVOKE.

RSP THE AVAILABLE NASIS COMMANDS ARE:

JOIN - MAINTAIN THE NASIS USER IDS FILE
MAINTAIN - MAINTAIN ONE OF YOUR DATA FILES
REPORT - PRODUCE A RETRIEVAL STATISTICS
REPORT
RERUN - RERUN A PREVIOUSLY SAVED STRATEGY
RESTART - RESTART AN INTERRUPTED TERMINAL
SESSION
RETRIEVE - RETRIEVE DATA FROM AN AVAILABLE
FILE
SECURE - SPECIFY A NEW SECURITY CODE.

DBMTT*02

MSG CANCELLED: COMMAND \$01 INVALID.

EXP THE COMMAND THAT YOU ENTERED WAS NOT ONE OF THE AVAILABLE NASIS COMMANDS. ENTER 'EXPLAIN RESPONSE' IF YOU DON'T KNOW WHAT THE AVAILABLE COMMANDS ARE.

DBMTT*03

MSG CANCELLED: TOO MUCH PROMPTING.

EXP YOU ENTERED FIVE SUCCESSIVE INVALID NASIS COMMANDS. PLEASE USE THE 'EXPLAIN' COMMAND OR SEEK ASSISTANCE BEFORE YOU TRY TO USE NASIS AGAIN.

DBMTT*04

MSG CANCELLED: UNCORRECTABLE PL/I ERROR.

EXP AN UNCORRECTIBLE PROGRAM ERROR HAS OCCURRED IN A NASIS PL/I PROGRAM. PLEASE INFORM THE NASIS MAINTENANCE STAFF SO THAT IT CAN BE CORRECTED.

DBMTT*05

MSG ENTER STRATEGY NAME OR DEFAULT

EXP ENTER THE NAME UNDER WHICH YOU WISH THIS STRATEGY TO BE SAVED, OR DEFAULT IF YOU DO NOT WISH THE STRATEGY TO BE SAVED.

RSP A VALID NAME CONSISTS OF ANY COMBINATION OF 1-8 PRINTABLE CHARACTERS, EXCEPT 'CURRENT-STRATEGY'.

DBMTT*06

MSG CANCELLED: NO STRATEGY NAME ENTERED.

EXP THE 'RERUN' COMMAND REQUIRES THAT YOU SPECIFY THE NAME OF THE SAVED STRATEGY THAT YOU WISH TO RERUN.

TO OBTAIN A LIST OF THE EXISTING SAVED STRATEGY NAMES, ENTER 'STRATEGY NAMES'.

DBMTT*07

MSG WARNING: DUPLICATE STRATEGY NAME, REENTER OR DEFAULT TO REPLACE

EXP THE USER ENTERED A STRATEGY NAME THAT ALREADY EXISTED.

RSP ENTER A NEW STRATEGY NAME, OR DEFAULT AND THE CURRENT STRATEGY WILL REPLACE THE OLD STRATEGY.

DBMTT*08

MSG ENTER STRATEGY NAME

EXP THE USER SHOULD ENTER THE STRATEGY NAME TO BE RERUN.

RSP THE USER SHOULD ENTER THE STRATEGY NAME TO BE RERUN.

DBPAC001

MSG DBPAC001: ILLEGAL ATTEMPT TO IMPLY OPEN.

DBPAC003

MSG DBPAC003: TRIED TO IMPLY AN OPEN ON A NEW FILE-NAME WITHOUT THE USE OF AN OPEN COMMAND.

DBPAC020

MSG DBPAC020: TRYING TO OPEN A FILE WHEN THE HEADER
DESCRIPTOR'S DESCOK SWITCH IS OFF.

DBPAC021

MSG DBPAC021: TRYING TO OPEN FOR OUTPUT OR UPDATE
AND THE FILE IS NOT THE ANCHOR OR AN ASSOCIATE
OR A DESCRIPTOR FILE.

DBPAC022

MSG DBPAC022: END-OF-LIST (READ LIST STATEMENT).

DBPAC023

MSG DBPAC023: NUMBER OF FILES EXCEEDS THE NUMBER
ALLOWED IN THE MFCB FILE ARRAY.

DBPAC025

MSG DBPAC025: THE USER IS NOT THE OWNER OF THE FILE,
BUT HE IS ATTEMPTING AN OPEN FOR UPDATE OR
OUTPUT.

DBPAC026

MSG DBPAC026: ATTEMPTED OPEN OF THE FILE FOR INPUT,
THE DATA SWITCH INDICATES NO DATA.

DBPAC027

MSG DBPAC027: OPEN ATTEMPTED BUT ITS FUNCTION WAS
NOT INPUT, OUTPUT, OR UPDATE.

DBPAC028

MSG DBPAC028: OPEN ISSUED FOR UPDATE OR OUTPUT WAS
PROHIBITED BY THE MNTNING, MNTNABLE, OR THE DATA
SWITCH.

DBPAC030

MSG DBPAC030: OPERATICN CODE ERROR.

DBPAC031

MSG DBPAC031: KEY FIELD FAILED GENERAL VALIDATION
(READ KEY OR LOCATE).

DBPAC032

MSG DBPAC032: KEY FIELD FAILED SPECIFIC VALIDATION
(READ KEY CF LOCATE).

DBPAC034

MSG DBPAC034: ERASE ATTEMPTED ON CLOSE BUT THE FILE
IS NOT OPEN FOR UPDATE.

DBPAC035

MSG DBPAC035: ERASE ATTEMPTED ON DESCRIPTOR FILE
OTHER THAN THE ANCHOR.

DBPAC036

MSG DBPAC036: THE GET FIELD OPERATION ATTEMPTED BUT
THE LAST RECORD OPERATION WAS A LOCATE.

DBPAC038

MSG DBPAC038: THE GET FIELD OPERATION ATTEMPTED BUT
THERE IS NO CURRENT RECORD.

DBPAC039

MSG DBPAC039: GET RECORD OPERATION ATTEMPTED BUT THE
USER IS NOT THE OWNER.

DBPAC040

MSG DBPAC040: GET LIST ATTEMPTED, BUT FILE IS NOT
INVERTED INDEX.

DBPAC041

MSG DBPAC041: KEY IS NULL (READ KEY OR LOCATE).

DBPAC042

MSG DBPAC042: KEY SEQUENCE ERROR (LOCATE
SEQUENTIAL).

DBPAC043

MSG DBPAC043: DUPLICATE KEY ERROR (LOCATE DIRECT).

DBPAC044

MSG DBPAC044: NOT AN OUTPUT FILE FOR WRITE.

DBPAC046

MSG DBPAC046: NO CURRENT RECORD (PUT OR REPUT).

DBPAC047

MSG DBPAC047: CURRENT RECORD NOT LOCKED (PUT OR REPUT).

DBPAC049

MSG DBPAC049: PUT OR REPUT TO INPUT FILE.

DBPAC050

MSG DBPAC050: REPUT TO NCN-UPDATE FILE.

DBPAC051

MSG DBPAC051: REPUT FOLLOWING LOCATE.

DBPAC052

MSG DBPAC052: GET OPERATION (FIELD IS NOT IN DESCRIPTOR TABLE).

DBPAC053

MSG DBPAC053: FIELD FAILED GENERAL VALIDATION (PUT OR REPUT).

DBPAC054

MSG DBPAC054: FIELD FAILED SPECIAL VALIDATION (PUT OR REPUT).

DBPAC055

MSG DBPAC055: NULL VALUE TO BE PUT.

DBPAC056

MSG DBPAC056: FIT FIELD TOO LONG (PUT OR REPUT).

DBPAC057

MSG DBPAC057: PUT TO NCN-NULL BIT SWITCH.

DBPAC058

MSG DBPAC058: PUT TO NON-NULL FIXED LENGTH FIELD.

DBPAC059

MSG DBPAC059: PUT TO NON-NULL VARIABLE LENGTH (SINGLE ELEMENT) FIELD.

DBPAC061

MSG DBPAC061: FIELD WOULD MAKE RECORD TOO LONG
(PUT).

DBPAC062

MSG DBPAC062: FIELD WOULD MAKE RECORD TOO LONG
(REPUT).

DBPAC063

MSG DBPAC063: ELEMENT WOULD MAKE RECORD TOO LONG
(PUT).

DBPAC064

MSG DBPAC064: ELEMENT WOULD MAKE RECORD TOO LONG
(REPUT).

DBPAC065

MSG DBPAC065: ELEMENT FIELD TOO LONG (PUT OR
REPUT).

DBPAC066

MSG DBPAC066: TOO MANY (VARIABLE) ELEMENTS (PUT).

DBPAC067

MSG DBPAC067: NO GET BEFORE REPUT (VARIABLE
ELEMENTS).

DBPAC068

MSG DBPAC068: NO GOOD GET BEFORE REPUT (VARIABLE
ELEMENTS).

DBPAC069

MSG DBPAC069: UNDEFINED FIELD (PUT OR REPUT).

DBPAC070

MSG DBPAC070: REPUT TO NEVER PUT (NULL) FIELD
(RECORD NOT FOUND).

DBPAC071

MSG DBPAC071: TOO MANY (FIXED) ELEMENTS (PUT).

DBPAC072

MSG DBPAC072: (FIXED) ELEMENT WOULD MAKE RECORD TOO LONG (PUT).

DBPAC073

MSG DBPAC073: NO GET BEFORE REPUT (FIXED ELEMENTS).

DBPAC074

MSG DBPAC074: NO GOOD GET BEFORE REPUT (FIXED ELEMENTS).

DBPAC075

MSG DBPAC075: FIELD TOO LONG (PUT OR REPUT).

DBPAC076

MSG DBPAC076: KEY WOULD MAKE CROSS REFERENCE RECORD TOO LONG (PUT OR REPUT).

DBPAC077

MSG DBPAC077: CROSS REFERENCE NOT FOUND ON RECORD.

DBPAC078

MSG DBPAC078: TARGET FIELD 'ACTUAL' LENGTH CHECKING INDICATES TRUNCATION.

DBPAC079

MSG DBPAC079: RETRIEVAL SYSTEM TRYING TO OPEN SOMEONE ELSE'S STATIC OR TRNSCT DATAPLEX FOR UPDATE OR OUTPUT.

DBPAC080

MSG DBPAC080: RETRIEVAL SYSTEM OPENING A DATAPLEX (OTHER THAN STATIC OR TRNSCT) FOR EITHER OUTPUT OR UPDATE.

DBPAC083

MSG DBPAC083: GET KEY INCOMPATIBLE WITH LIST.

DBPAC084

MSG DBPAC084: GET KEY SEQUENCE ERROR.

DBPAC085

MSG DBPAC085: FIELD LENGTH LESS THAN 2 FOUND. DATA
BASE DAMAGE.

DBPAC086

MSG DBPAC086: FIELD LENGTH BEYOND RECLLEN FOUND. DATA
BASE DAMAGE.

DBPAC087

MSG DBPAC087: FIELD LENGTH NOT EQUAL TO 2 PLUS A
MULTIPLE OF ELEMENT LENGTH FOUND. DATA BASE
DAMAGE.

DBPAC088

MSG DBPAC088: ELEMENT LENGTH LESS THAN 1 FOUND.
DATA BASE DAMAGE.

DBPAC089

MSG DBPAC089: ELEMENT LENGTH BEYOND FIELD LENGTH
FOUND. DATA BASE DAMAGE.

DBPAC090

MSG DBPAC090: INVALID DB2 HEADER DESCRIPTOR. DB1
DESCRIPTOR OR DAMAGE.

DBPAC091

MSG DBPAC091: FIELD DESCRIPTOR RECLLEN LESS THAN 78.
DESCRIPTOR DAMAGE.

DBPAC092

MSG DBPAC092: FIELD LENGTH LESS THAN 2 IN
DESCRIPTOR. DESCRIPTOR DAMAGE.

DBPAC093

MSG DBPAC093: FIELD LENGTH BEYOND RECLLEN IN
DESCRIPTOR. DESCRIPTOR DAMAGE.

DBPAC094

MSG DBPAC094: VALIDARG LONGER THAN 50 BYTES WOULD BE
TRUNCATED. DESCRIPTOR DAMAGE.

DBPAC095

MSG DBPAC095: SECURITY FIELD LENGTH INVALID. SHOULD
BE 2 PLUS A MULTIPLE OF 8.

DBPAC096

MSG DBPAC096: NO DESCRIPTOR FOUND FOR KEY FIELD.
DESCRIPTOR DAMAGE.

DBPAC097

MSG DBPAC097: INVALID FIELD LENGTH IN INDEX RECORD
FOUND. DATA BASE DAMAGE.

DBPAC098

MSG DBPAC098: RECORD MISSING FROM INDEX REGION.
DATA BASE DAMAGE.

DBPAC099

MSG DBPAC099: END OF DATA. (VISAM)

DBPAC104

MSG DBPAC104: KEYS EQUAL - SEQUENCE ERROR. (VISAM +
100)

DBPAC108

MSG DBPAC108: KEY NOT FOUND. (VISAM + 100)

DBPAC112

MSG DBPAC112: KEYS OUT OF SEQUENCE. (VISAM + 100)

DBPAC115

MSG DBPAC115: KEYS DO NOT COINCIDE. (VISAM + 100)

DBPAC120

MSG DBPAC120: KEYS COINCIDE. (VISAM + 100)

DBPAC124

MSG DBPAC124: INVALID RETRIEVAL ADDRESS. (VISAM +
100)

DBPAC128

MSG DBPAC128: INVALID RECORD LENGTH. (VISAM + 100)

DBPAC131

MSG DBPAC131: POSITION PAST END OF DATA SET. (VISAM
+ 100)

DBPAC136

MSG DBPAC136: POSITION BEFORE START OF DATA SET.
(VISAM + 100)

DBPAC140

MSG DBPAC140: EXCEED MAXIMUM NUMBER OF OVERFLOW
PAGES. (VISAM + 100)

DBPAC144

MSG DBPAC144: EXCEED MAXIMUM SIZE OF SHARED DATA
SET. (VISAM + 100)

DBPAC145

MSG DBPAC145: NO DATASET NAME FOUND WHICH IS LIKE
THE GIVEN ONE. (VISAM)

DBPAC200

MSG DBPAC200: ATTEMPT TO PUT OR REPUT NULL
PATTERN.

DBPAC201

MSG DBPAC201: ATTEMPT TO PUT OR REPUT TO READONLY
FIELD.

DBPAC202

MSG DBPAC202: UNDEFINED SUBFILE OR INDEXED FIELD
(READ, LOCATE, OR UNLOCK).

DBPAC203

MSG DBPAC203: NOT AN INDEXED FIELD.

DBPAC204

MSG DBPAC204: NOT A SUBFILE <CONTROL> FIELD.

DBPAC205

MSG DBPAC205: LOCATE TO INPUT FILE.

DBPAC206

MSG DBPAC206: NO CURRENT ANCHOR RECORD (LOCATE
SUBFILE).

DBPAC207

MSG DBPAC207: ANCHCR RECORD NOT LOCKED (LOCATE
SUBFILE).

DBPAC208

MSG DBPAC208: NO CURRENT SUBRECORD (FEAD PER
SUBFILE).

DBPAC209

MSG DBPAC209: ANCHCR RECORD NOT CURRENT (DELETE
SUBRECORD).

DBPAC210

MSG DBPAC210: THE FILE IS NOT OPEN (TO POST
FLDTAB).

DBPAC211

MSG DBPAC211: DESCRIPTOR DAMAGE DETECTED WHILE
POSTING FLDTAB.

DBPAC212

MSG DBPAC212: ANCHCR RECORD NOT LOCKED (DELETE
SUBRECORD).

DBPAC213

MSG DBPAC213: ANCHCR RECORD NOT PARENT OF SUBRECORD
(DELETE SUBRECORD).

DBPAC214

MSG DBPAC214: SUBRECORD ID NOT FOUND IN CONTROL
FIELD (DELETE SUBRECORD).

DBPAC215

MSG DBPAC215: DUPLICATE FIXED LENGTH ELEMENT (PUT OR
REPUT).

DBPAC216

MSG DBPAC216: DUPLICATE VARYING LENGTH ELEMENT (PUT
OR REPUT).

DBPAC217

MSG DBPAC217: LOCATE SUBFILE NOT DONE BECAUSE 131071
REGIONS USED.

DBPAC218

MSG DBPAC218: NAMEFLD FIELD LENGTH INVALID. SHOULD
BE 2 PLUS A MULTIPLE OF 9.

DBPAC219

MSG DBPAC219: GET SUPERFIELD REQUIRES CURRENT
SUBFILE RECORD.

DBPAC220

MSG DBPAC220: FSECTYCD FIELD LENGTH INVALID. SHOULD
BE 2 PLUS A MULTIPLE OF 9.

DBPAC221

MSG DBPAC221: NON-OWNER ATTEMPTED TO OPEN ASSOCIATE
HAVING RECCD LEVEL SECURITY.

DBPRIN01

MSG CANCELLED: CONVERSION ERROR ON '\$01' IN '\$02'.

EXP THE NASIS PRINT MONITOR ENCOUNTERED THE
INDICATED DATA BASE ERROR WHILE ATTEMPTING TO
SET UP A PRINT TASK.

DBPRIN02

MSG CANCELLED: SIZE ERROR IN MODULE RDBPRINT.

EXP A DATA PARAMETER ENTERED BY THE TERMINAL USER
WAS TOO LARGE FOR THE RECEIVING AREA.

DBPRIN10

MSG ENTER COMMAND

EXP THE VALID COMMANDS ARE:
CANCEL ,COPIES ,END ,EXHIBIT ,
HOID ,KEYS ,NUMBER ,PRINT ,
RELEASE

RSP THE COMMAND FORMATS ARE:
CANCEL ID=NASIS-ID,BSN=< *ALL ><BSN >
COPIES ID=NASIS-ID,BSN=BSN
END
EXHIBIT ID=< *ALL ><NASIS-ID,BSN=< *ALL ><BSN >>
HOID ID=< *ALL ><NASIS-ID,BSN=< *ALL ><BSN >>
KEYS ID=NASIS-ID,BSN=BSN
NUMBER ID=< *ALL ><NASIS-ID >
PRINT ID=< *ALL ><NASIS-ID,BSN=< *ALL ><BSN >>

RELEASE ID=<*ALL><NASIS-ID,BSN=<*ALL><BSN>>

DBPRIN15

MSG '\$01' INVALID COMMAND, REENTER

EXP THE VALID COMMANDS ARE:

CANCEL ,COPIES ,END ,EXHIBIT ,
HOLD ,KEYS ,NUMBER ,PRINT ,
RELEASE

RSP THE COMMAND FORMATS ARE:

CANCEL ID=NASIS-ID,BSN=<*ALL><BSN>
COPIES ID=NASIS-ID,BSN=BSN
END
EXHIBIT ID=<*ALL><NASIS-ID,BSN=<*ALL><BSN>>
HOLD ID=<*ALL><NASIS-ID,BSN=<*ALL><BSN>>
KEYS ID=NASIS-ID,BSN=BSN
NUMBER ID=<*ALL><NASIS-ID>
PRINT ID=<*ALL><NASIS-ID,BSN=<*ALL><BSN>>
RELEASE ID=<*ALL><NASIS-ID,BSN=<*ALL><BSN>>

DBPRIN20

MSG ENTER ID

EXP ENTER THE NASIS-ID YOU WISH TO PROCESS.

DBPRIN25

MSG '\$01' INVALID NASISID, REENTER

DBPRIN30

MSG ENTER BSN

EXP ENTER THE BSN YOU WISH TO PROCESS.

RSP 'ESN' REFERS TO THE PRINT BATCH SEQUENCE NUMBER
ASSIGNED BY THE PRINT COMMAND. VALID RESPONSES
ARE:

N - ANY NUMBER IN THE RANGE 0 < N < 200
N1-N2 - A RANGE OF NUMBERS WHERE 0 < N1 < N2 <
200
*ALL - MEANS PRINT ALL BSNS.

DBPRIN35

MSG '\$01' INVALID BSN, REENTER

EXP ENTER THE BSN YOU WISH TO PROCESS.

RSP 'ESN' REFERS TO THE PRINT BATCH SEQUENCE NUMBER

ASSIGNED BY THE PRINT COMMAND. VALID RESPONSES
ARE:

N - ANY NUMBER IN THE RANGE $0 < N < 200$
N1-N2 - A RANGE OF NUMBERS WHERE $0 < N1 < N2 < 200$
*ALL - MEANS PRINT ALL BSNS.

DBPRIN40

MSG '\$01' INVALID BSN, <*ALL> ASSUMED.

DBPRIN45

MSG CANCELLED: UNABLE TO CATALOG NASIS.PRINT(0).

EXP AN UNRECOVERABLE ERROR OCCURED IN A NASIS SYSTEM
PROGRAM.

DBPRIN50

MSG CANCELLED: UNABLE TO DATADEF NASIS.USERIDS.

EXP AN UNRECOVERABLE ERROR OCCURED IN A NASIS SYSTEM
PROGRAM.

DBPRIN55

MSG DBPAC ERROR: \$01, FILE: \$02.

EXP AN UNRECOVERABLE ERROR OCCURED WHILE ACCESSING
THE FILE FROM WHICH YOU WISH TO PRINT.

DBPRIN60

MSG ERROR ON \$01.STRATEGY.DATASET.

EXP AN UNRECOVERABLE ERROR OCCURRED IN A NASIS
SYSTEM PROGRAM.

DBPRIN65

MSG (\$01) NUMBER SCHEDULED= \$02, HELD= \$03, TOTAL=
\$04.

DBPRIN70

MSG (\$01) PRINT BSN= \$02 HELD.

DBPRIN75

MSG (\$01) PRINT BSN= \$02 SKIPPED.

DBPRIN80

MSG (\$01) PRINT BSN= \$02 COMPLETED.

DBPRIN85

MSG \$01 COMMAND COMPLETED.

DBPRIN90

MSG \$01 COMMAND TERMINATED.

DBPRIN95

MSG PRINT MONITOR TERMINATED.

DBPRIN99

MSG \$01 COMMAND NOT YET SUPPORTED.

DBPRNT05

MSG ENTER SET

EXP ENTER THE NUMBER OF THE SET YOU WISH TO PRINT.

DBPRNT29

MSG ENTER FORMAT

EXP ENTER THE NUMBER OF THE FORMAT YOU WISH TO USE OR DEFAULT.

RSP THE FORMAT NUMBER SPECIFIES EITHER A STORED OR PREDEFINED FORMAT WHICH MAY BE EITHER SEQUENTIAL OR COLUMNAR. THE VALID RESPONSES ARE:
N - WHERE $0 < N < 26$
FN - WHERE $0 < N < 26$
CARRIAGE RETURN IMPLIES DEFAULT.

DBPRNT30

MSG FORMAT \$01 (SEQUENTIAL) ASSUMED.

DBPRNT31

MSG CANCELLED: FORMAT '\$01' INVALID.

DBPRNT32

MSG FORMAT '\$01' INVALID, REENTER

DBPRNT33

MSG WARNING: RANGE '\$01-\$02' ASSUMED.

DBPRNT35

MSG CANCELLED: RANGE '\$01' INVALID.

DBPRNT36

MSG ENTER RANGE

EXP ENTER THE RANGE OF KEYS IN THE SET WHICH YOU WISH TO PRINT.

RSP VALID RESPONSES ARE:

N - WHERE N COUNTS THE NUMBER OF KEYS STARTING FROM THE FIRST,

N1-N2 - WHERE N1 IDENTIFIES THE FIRST KEY AND N2 IDENTIFIES THE LAST.

DBPRNT37

MSG RANGE '\$01' INVALID, REENTER

DBPRNT50

MSG PRINT LOGGIE FOR \$01.

EXP A SEARCH COMMAND PRINT REQUEST HAS BEEN ASSIGNED THE INDICATED POSITION IN THE BATCH PRINT QUEUE FOR LATER PROCESSING.

DBPRNT55

MSG CANCELLED: PRINT QUEUE FULL.

EXP THE PRINT COMMAND IS UNABLE TO SCHEDULE ANY MORE PRINT TASKS FOR YOUR USERID. YOU MUST EITHER CANCEL SOME SCHEDULED PRINTS OR WAIT UNTIL THEY ARE COMPLETED.

DBPRNT60

MSG CANCELLED: UNABLE TO SAVE PRINT DATA.

EXP THE PRINT COMMAND ENCOUNTERED SYSTEM ERRORS ATTEMPTING TO SCHEDULE YOUR PRINT TASK. CALL YOUR DBA FOR ASSISTANCE.

DBPRNT65

MSG CANCELLED: LOW RANGE (\$01) EXCEEDS NUMBER OF KEYS (\$02) IN \$03.

EXP THE LOWER LIMIT OF THE RANGE PARAMETER IS GREATER THAN THE NUMBER OF KEYS IN THE SET.

DBPRNT70

MSG CANCELLED: SET \$01 RAISED DATABASE ERROR \$02.

EXP THE PRINT COMMAND ENCOUNTERED DATA BASE ERRORS WHILE ATTEMPTING TO HONOR YOUR REQUEST. CALL YOUR DBA FOR ASSISTANCE.

DBPRNT75

MSG PRINT (\$01) QUEUED.

EXP YOUR PRINT REQUEST HAS BEEN ASSIGNED THE INDICATED POSITION IN THE BATCH PRINT QUEUE FOR LATER PROCESSING.

DBPRNT80

MSG CANCELLED: PRINT '\$01' INVALID.

EXP THE CANCEL COMMAND REFERS TO A PRINT ESN WHICH IS NOT WITHIN THE RANGE OF POSSIBLE VALUES.

DBPRNT90

MSG PRINT (\$01) CANCELLED.

EXP THE CANCEL COMMAND WAS ACCEPTED AND ACCOMPLISHED.

DBPRNT95

MSG CANCELLED: ERROR ACCESSING PRINT FILE.

EXP THE PRINT/CANCEL COMMAND ENCOUNTERED SYSTEM ERRORS WHILE ATTEMPTING TO HONOR YOUR REQUEST.

DBPRO*01

MSG CANCELLED: ERROR ACCESSING PROFILE.

DBPRO*02

MSG CANCELLED: I/O ERROR ACCESSING PROFILE.

DBPRO*03

MSG CANCELLED: SYSTEM ERROR.

DBPRO*04

MSG \$01 IGNORED, COMMAND NAMES CANNOT BE MODIFIED.

DBPRO*05

MSG \$01 IGNORED, COMMAND NAMES CANNOT BE DELETED.

DBPRO*06

MSG \$01 IGNORED, COMMAND CANNOT BE SYNONYMED.

DBPRO*07

MSG CANCELLED: \$01 IS INVALID.

DBPRO*08

MSG CANCELLED: NO MORE PAGES \$01.

DBPRO*09

MSG CANCELLED: THERE ARE NO \$01S IN YOUR PROFILE.

DBPRO*10

MSG PAGING DIRECTION \$01 INVALID, FORWARD ASSUMED.

DBPRTM01

MSG CANCELLED: CATALOG ERROR \$01.

EXP MAINTENANCE PRINT CANCELLED DUE TO ERROR
ATTEMPTING TO CATALOG NASISID.LIST.REPORTDS.
SEE ASSEMBLER USERS MACRC FOR ERROR NUMBER.

DBPRTM02

MSG CANCELLED: DDEF ERROR \$01.

EXP MAINTENANCE PRINT CANCELLED DUE TO ERROR
ATTEMPTING TO DDEF NASISID.LIST.REPORTDS(+1).
SEE ASSEMBLER USERS MACRO FOR ERROR NUMBER.

DBPRTM03

MSG CANCELLED: PRINT ERROR \$01.

EXP MAINTENANCE PRINT CANCELLED DUE TO ERROR
ATTEMPTING TO PRINT NASISID.LIST.REPORTDS(0).
SEE ASSEMBLER USERS MACRC FOR ERROR NUMBER.

DBPRTM04

MSG CANCELLED: ERROR \$01 ON MASIS.STATIC DATASET.

EXP MAINTENANCE PRINT CANCELLED DUE TO NOTED

ERRCR.

DBPRTM05

MSG ENTER NUMBER OF COPIES

EXP ENTER THE NUMBER OF COPIES OF MAINTENANCE
STATISTICS TO BE PRINTED. DEFAULT 1.

RSP ENTER THE NUMBER OF COPIES OF MAINTENANCE
STATISTICS TO BE PRINTED. DEFAULT 1.

DBPRTR01

MSG CANCELLED: ERROR \$01, ATTEMPTING TO \$02 GDG FOR
RETRIEVAL STATISTICS PRINT.

EXP AN ERROR \$01 HAS OCCURRED WHILE TRYING TO
CATALOG, DEEF, CR PRINT THE RETRIEVAL STATISTICS
REPCRT. NOTIFY YOUR DBA.

DBSETS01

MSG \$01

DBSETS91

MSG CANCELLED: NO MORE PAGES \$01.

EXP THE USER TRIED TO PAGE IN DIRECTION \$01 (FORWARD
OR BACKWARD) BEYOND THE LIMITS OF THE SETS
COMMAND.

DBSETS92

MSG CANCELLED: ISGETEG ERROR.

EXP AN ERROR HAS OCCURRED WHILE TRYING TO ACCESS THE
SET EXPRESSION FROM THE STRATEGY LIBRARY.
NOTIFY YOUR DBA.

DBSETS93

MSG CANCELLED: NO PSEUDO SETS AVAILABLE.

EXP NO PSEUDC-SETS (S-NUMBERS) HAVE BEEN CREATED,
THUS NONE ARE AVAILABLE FOR DISPLAY.

DBSETS94

MSG CANCELLED: INVALID PARAMETER.

EXP THE USER ENTERED A CHARACTER OTHER THAN A VALID

SET NUMBER OR AN 'S' AS A PARAMETER. THE SETS
COMMAND SHOULD BE REENTERED IN ONE OF THE
FOLLOWING FORMS:

SETS
SETS #
SETS S
SETS S#

DBSETS95

MSG CANCELLED: NUMBER > \$01 CURRENT NUMBER OF
SETS.

EXP THE USER HAS REQUESTED HIS SETS DISPLAY TO BEGIN
AT A SET NUMBER GREATER THAN THE CURRENT NUMBER
OF SETS, \$01. REENTER THE SETS COMMAND WITH A
VALID SET NUMBER.

DBSETS96

MSG CANCELLED: NUMBER > \$01 CURRENT NUMBER OF
S-NUMBERS.

EXP THE USER HAS REQUESTED HIS SETS DISPLAY TO BEGIN
AT A S-NUMBER (PSEUDO-SET) GREATER THAN THE
CURRENT NUMBER OF S-NUMBERS, \$01. REENTER THE
SETS COMMAND WITH A VALID S-NUMBER.

DBSETS97

MSG CANCELLED: INVALID SUFFIX.

EXP THE USER HAS ENTERED A SET NUMBER WITH AN
INVALID SUFFIX. REENTER THE SETS COMMAND WITH
JUST THE SET NUMBER, NO SUFFIX.

DBSFMT10

MSG CANCELLED: ERROR ACCESSING FORMAT \$01.

DBSFMT11

MSG CANCELLED: FORMAT NAME \$01 IS INVALID.

DBSFMT12

MSG CANCELLED: FORMAT \$01 UNKNOWN.

DBSFMT13

MSG CANCELLED: FORMAT \$01 IS SECURED.

DBSFMT14

MSG FORMAT \$01 IGNORED, FORMAT TABLE IS FULL.

DBSFMT15

MSG WARNING: FORMAT \$01 INTENDED FOR FILE \$02.

DBSFMT16

MSG WARNING: FORMAT \$01 REQUIRES \$02 COLUMNS.

DBSFMT17

MSG CANCELLED: STORED FORMAT \$01 IS INVALID.

DBSIVR10

MSG \$01 FILE RECORDS READ.

EXP THE PROGRAM HAS READ (\$01) FILE RECORDS.

DBSIVR11

MSG \$01 ELEMENTS PROCESSED.

EXP \$01 ELEMENTS HAVE BEEN READ AND WRITTEN TO THE
SORTIN DATASET.

DBSIVR20

MSG DBPAC ERROR (\$01) ON FILE (\$02).

EXP DATABASE EXECUTIVE ERROR (\$01) HAS OCCURRED ON
THE FILE (\$02).

DBSIVR21

MSG RESTART FROM KEY \$01.

EXP THE PROGRAM HAS RESTARTED FROM THE FILE
KEY (\$01).

DBSIVR22

MSG ERRCRFILE.CNCODE IS \$01; FIELD NAME IS \$02.

EXP FIELDNAME ENTERED BY USER IS NOT ON THE FILE.

DBSIVR23

MSG FILE ERROR (\$01) ON FILE (\$02).

EXP ASSEMBLER I/O ERROR HAS OCCURRED ON THE FILE
NAME. SEE ERROR CODE INDEX FOR ERROR

EXPLANATION.

DBSIVR30

MSG \$01 INDEX KEYS WRITTEN.

DBSIVR31

MSG \$01 TRANSLATED KEYS WRITTEN.

EXP \$01 INDEX KEYS IN THEIR EXTERNAL FORMAT HAVE BEEN WRITTEN.

DBSIVR43

MSG ENTER MODE(MODE) (F,R,S,3,T)

EXP INVERT MODE OF OPERATION IS NEEDED. SEE RESPONSE FOR VALID RESPONSES.

RSP VALID RESPONSES ARE:

'F' FOR FIRST PASS

'R' FOR RESTART AT STEP ONE

'S' FOR RESTART AT SORT STEP

'3' FOR RESTART AT STEP THREE

'T' FOR RESTART AT TRANSLATION STEP

DBSIVR45

MSG ENTER FIELDS TO INDEX(FIELD) (FIELD, FIELD, ...)

EXP ENTER THE NAMES OF THE FIELDS TO BE INVERTED WITH THIS INVERSION. DO NOT MIX ANCHOR OR ASSOCIATED FIELDS WITH SUBFILE FIELDS. MULTIPLE FIELDS MUST BE ENTERED WITH LEFT AND RIGHT PARENS: (FIELD, FIELD) FIELDS ON THE SAME INDEX FILE MUST BE KEPT TOGETHER IN THE MULTIPLE LIST. (A1, A2, A3, B1, B2, C).

RSP VALID RESPONSE IS ONE FIELD NAME OR ELEMENT LIST OF FIELD NAMES ENTERED AS (FIELD, FIELD, ...).

DBSIVR46

MSG ENTER RECORDS TO PROCESS(RECORDS) (DEFAULT: ALL)

EXP ENTER THE NUMBER OF FILE RECORDS TO PROCESS WITH THIS INVERSION.

RSP RESPONSE MUST BE NUMERIC. DEFAULT IS ENTIRE FILE.

DBSIVR47

MSG ENTER RANGE OF KEYS TO
PROCESS (RANGE) (XXX,XXX) (DEF: ENTIRE FILE)

EXP ENTER KEY TO START AT AND KEY TO FINISH AT AS A
MULTIPLE FIELD.

RSP RESPONSE MUST BE TWO VALID FILE KEYS ENTERED
WITH LEFT AND RIGHT PARENS: (KEY,KEY).

DBSIVR50

MSG FIELD(\$01) IS NOT AN INVERTED FIELD.

EXP FIELD(\$01) IS NOT FLAGGED AS AN INVERTED FIELD
ON THE FILE DESCRIPTORS.

DBSIVR51

MSG FIELDS ARE ON MIXED FILES.

EXP FIELDS ENTERED ARE MIXED ON AN ANCHOR OR
ASSOCIATED FILE AND A SUBFILE. IT WOULD BE
MEANINGLESS TO INVERT THESE TOGETHER ON ONE
INDEX FILE.

DBSIVR52

MSG FIELD(\$01) IS A SECONDARY FIELD.

EXP FIELD(\$01) IS A SECONDARY FIELD AND CANNOT BE
INDEXED.

DBSLCT01

MSG SELECT CANCELLED: INTERNAL ERROR AT OR NEAR
\$01 . \$02

EXP THE DBSLCT MODULE HAS DETECTED THAT IT HAS MADE
A LOGIC ERROR IN PROCESSING YOUR SELECT
EXPRESSION.

RSP PLEASE SUBMIT YOUR TERMINAL SHEET OR A WRITTEN
NOTE SO THAT THE BUG CAN BE REPRODUCED AND
ERADICATED. YOU MAY BE ABLE TO CIRCUMVENT THE
BUG BY USING A DIFFERENT FORM OF SELECT
EXPRESSION OR BY USING SEVERAL SIMPLER SELECT
COMMANDS.

DBSLCT02

MSG ENTER SELECT EXPRESSION

EXP ENTER AN EXPRESSION SPECIFYING THE CRITERIA FOR

THE SET OF RECORDS (KEYS) TO BE SELECTED. THE KEYWORD IS: EXPR.

RSP A SELECT EXPRESSION (KEYWORD: EXPR) IS COMPRISED OF ONE OR MORE OF THE FOLLOWING CRITERION/FCRM/EXAMPLES;

VALUE - AN EXPLICIT CRITERION

<FIELDNAME RELATION> QUOTED-VALUE

AGE='65'

E NUMBER - A REFERENCE TO AN EXPAND LINE NUMBER

ENNN WHERE NNN IS A 1-3 DIGIT NUMBER

E87

SET NUMBER - A REFERENCE TO A PREVIOUSLY SELECTED SET

NN WHERE NN IS A 1-2 DIGIT NUMBER

12

S NUMBER - A REFERENCE TO A PREVIOUSLY DEFINED PSEUDO-SET

SNN WHERE NN IS A 1-2 DIGIT NUMBER

S3

IF MORE THAN ONE CRITERIA ARE SPECIFIED THEY MUST BE SEPARATED BY A BOOLEAN OPERATOR. PARENTHESES MAY BE USED FOR GROUPING. THE BOOLEAN OPERATORS ARE;

~ THE EXCLUDING (AND NOT) RELATION

& THE INTERSECTION (AND) RELATION

| THE UNION (OR) RELATION

FOR EXAMPLE: EXPR=(AGE='65'|E87)&12

DBSLCT03

MSG ENTER SELECT FIELD NAME

EXP ENTER THE NAME OF THE FIELD FOR THE VALUE TEST(S) SPECIFIED IN YOUR SELECT EXPRESSION. THE KEYWORD IS: FIELD.

RSP THE SELECT FIELD NAME (KEYWORD: FIELD) IS THE 1-8 ALPHANUMERIC CHARACTER NAME OF THE FIELD TO BE TESTED. IF YOU DO NOT KNOW ITS EXACT SPELLING, YOU MAY ENTER: '/END;FIELDS;PAGE;SELECT' AND THEN RE-ENTER THE SELECT EXPRESSION AND THEN ENTER THE FIELD NAME.

DBSLCT04

MSG SELECT CANCELLED: INVALID CHARACTER NEAR '\$01'.

EXP AN INVALID CHARACTER (NOT QUOTED) HAS BEEN FOUND IN THE SELECT EXPRESSION.

RSP RE-ENTER THE SELECT COMMAND WITH A VALID
EXPRESSION.

DBSLCT06

MSG SELECT CANCELLED: INVALID DOUBLE OPERATOR NEAR
'\$01'.

EXP TWO CONSECUTIVE OPERATORS (NOT A COMPOSITE
OPERATOR) HAVE BEEN FOUND IN THE SELECT
EXPRESSION.

RSP RE-ENTER THE SELECT COMMAND WITH A VALID
EXPRESSION.

DBSLCT10

MSG SELECT CANCELLED: UNBALANCED (S AND)S NEAR
'\$01'.

EXP UNBALANCED PARENTHESES HAVE BEEN FOUND IN THE
SELECT EXPRESSION.

RSP RE-ENTER THE SELECT COMMAND WITH A VALID
EXPRESSION.

DBSLCT12

MSG SELECT CANCELLED: INVALID QUOTE CHARACTER NEAR
'\$01'.

EXP AN INVALID QUOTE CHARACTER HAS BEEN FOUND IN THE
SELECT EXPRESSION.

RSP RE-ENTER THE SELECT COMMAND WITH A VALID
EXPRESSION.

DBSLCT14

MSG SELECT CANCELLED: INVALID USE OF / NEAR '\$01'.

EXP AN INVALID USE OF THE SLASH CHARACTER HAS BEEN
FOUND IN THE SELECT EXPRESSION.

RSP THE FUNCTION CHARACTERS THAT MAY PRECEDE SLASH
ARE:

| & P C U \$

RE-ENTER THE SELECT COMMAND WITH A VALID
EXPRESSION.

DBSLCT16

MSG INTERNAL WORK STRING LENGTH EXCEEDED. POSSIBLY

TOO MANY E#S, NEAR '\$01'.

DBSLCT18

MSG INVALID REPLACEMENT S-NUMBER.

DBSLCT22

MSG SELECT CANCELLED: UNKNOWN ITEM TYPE NEAR '\$01'.

EXP AN UNKNOWN ITEM TYPE HAS BEEN FOUND IN THE SELECT EXPRESSION.

RSP IF THE ITEM IS A VALUE, IT MUST BE QUOTED. RE-ENTER THE SELECT COMMAND WITH A VALID EXPRESSION.

DBSLCT32

MSG NULL VALUE VALID ONLY WITH '=>' OPERATOR.

DBSLCT34

MSG 'CHILDREN CF' OPERATION SPECIFIED BUT NO SUBFILE GIVEN.

EXP FORMAT: C/SUBFILE OPERAND AS: C/KID 1

DBSLCT40

MSG SELECT CANCELLED: INVALID FIELD NAME NEAR '\$01'.

EXP AN INVALID FIELD NAME HAS BEEN FOUND IN THE SELECT EXPRESSION.

RSP YOU MAY ENTER A FIELDS COMMAND TO DISPLAY THE VALID FIELD NAMES. RE-ENTER THE SELECT COMMAND WITH A VALID EXPRESSION.

DBSLCT42

MSG SELECT CANCELLED: SEARCH ON MORE THAN ONE FIELD NEAR '\$01'.

EXP IMPLEMENTATION RESTRICTION: THE RDBXSX MODULE CAN ONLY SEARCH ONE FIELD AT A TIME.

RSP ENTER TWO CF MORE SELECT COMMANDS EACH SEARCHING NO MORE THAN ONE FIELD.

DBSLCT44

MSG SELECT CANCELLED: INVALID SET NUMBER NEAR '\$01'.

EXP AN INVALID SET NUMBER HAS BEEN FOUND IN THE SELECT EXPRESSION.

RSP YOU MAY ENTER A SETS CCMMAND TO DISPLAY THE VALID SET NUMBERS. RE-ENTER THE SELECT COMMAND WITH A VALID EXPRESSION.

DBSLCT46

MSG SELECT CANCELLED: INVALID E-NUMBER NEAR '\$01'.

EXP AN INVALID REFERENCE TO AN EXPAND LINE NUMBER HAS BEEN FOUND IN THE SELECT EXPRESSION.

RSP YOU MAY RE-ENTER AN EXPAND COMMAND TO DISPLAY VALID E-NUMBERS. RE-ENTER THE SELECT COMMAND WITH A VALID EXPRESSION.

DBSLCT48

MSG SELECT CANCELLED: S-NUMBER NOT YET DEFINED NEAR '\$01'.

EXP AN UNDEFINED PSEUDO-SET NUMBER HAS BEEN FOUND IN THE SELECT EXPRESSION.

RSP YOU MAY ENTER A 'SETS S1' COMMAND TO DISPLAY THE VALID PSEUDO-SET S-NUMBERS. RE-ENTER THE SELECT COMEAND WITH A VAID EXPRESSION.

DBSLCT50

MSG SELECT CANCELLED: S-NUMBER HAS BEEN DELETED NEAR '\$01'.

EXP A DELETED PSEUDO-SET NUMBER HAS BEEN FOUND IN THE SELECT EXPRESSION.

RSP YOU MAY ENTER A 'SETS S1' COMMAND TO DISPLAY THE VALID PSEUDO-SET S-NUMBERS. RE-ENTER THE SELECT COMMAND WITH A VALID EXPRESSION.

DBSLCT54

MSG SELECT CANCELLED: INVALID CONTROL FIELD NAME NEAR '\$01'.

EXP AN INVALID SUBFILE CONTROL FIELD NAME HAS BEEN FOUND IN THE SELECT EXPRESSION.

RSP YOU MAY ENTER A FIELDS COMMAND TO DISPLAY THE VALID SUBFILE CONTROL FIELD NAMES. RE-ENTER THE SELECT COMMAND WITH A VALID EXPRESSION.

DBSLCT56

MSG SELECT CANCELLED: INVALID ITEMS FOLLOW / NEAR '\$01'.

EXP INVALID ITEMS HAVE BEEN FOUND FOLLOWING A SLASH IN THE SELECT EXPRESSION.

RSP A SLASH, SIGNIFYING RANGE, MUST BE FOLLOWED BY AN ITEM, A COLON CHARACTER AND THEN ANOTHER ITEM. THE TWO ITEMS MUST BE THE SAME TYPE AND MAY BE QUOTED VALUES, E-NUMBERS, SET NUMBERS, OR PSEUDO-SET S-NUMBERS. RE-ENTER THE SELECT COMMAND WITH A VALID EXPRESSION.

DBSLCT57

MSG INVALID USE OF / .

DBSLCT58

MSG TOO MANY S#'S.

DBSLCT62

MSG SELECT CANCELLED: SEARCH RELATION MUST BE 'OR' NEAR '\$01'.

EXP IMPLEMENTATION RESTRICTION: THE RDBEXSR MODULE ONLY SUPPORTS THE UNION (OR) RELATION AMONG MULTIPLE VALUES.

RSP ENTER A SEPARATE SELECT COMMAND FOR EACH VALUE AND THEN SELECT THE DESIRED BOOLEAN COMBINATION OF THE PSEUDO-SET S-NUMBERS.

DBSLCT68

MSG SELECT CANCELLED: INCOMPATIBLE SETS NEAR '\$01'.

EXP THE SELECT EXPRESSION HAS A BOOLEAN OPERATOR, & | -, BETWEEN INCOMPATIBLE SETS.

RSP YOU MAY ENTER A 'SETS' COMMAND TO DISPLAY THE PREVIOUSLY SELECTED SETS.
TO COMBINE A PARENT SET WITH A SUBFILE SET YOU MUST SPECIFY EITHER
(A) PARENT SET COMBINED WITH PARENTS OF

SUBFILE SET, OR
(E) CHILDREN OF PARENT SET COMBINED WITH
SUBFILE SET.
EXAMPLES OF (A) COULD BE 1 & P/2 OR U/2 & 1
WHICH WILL YIELD A PARENT SET.
AN EXAMPLE OF (B) COULD BE C/KID 1 & 2 WHICH
WOULD YIELD A SUBFILE SET (ASSUMING 1 IS A
PARENT SET AND 2 IS A 'KID' SUBFILE SET.)
TWO SUBFILE SETS FROM DIFFERENT SUBFILES CAN
ONLY BE COMBINED VIA A PARENT SET.

DBSLCT70

MSG SELECT CANCELLED: MISSING OR OUT OF SEQUENCE
ITEM NEAR '\$01'.

EXP A MISSING OR OUT OF SEQUENCE ELEMENT OR OPERATOR
HAS BEEN DETECTED IN THE SELECT EXPRESSION.

RSP RE-ENTER THE SELECT COMMAND WITH A VALID
EXPRESSION.

DBSLCT72

MSG OBJECT SET FOR 'PARENTS OF' OPERATOR IS ALREADY
PARENT SET NEAR '\$01'.

DBSLCT73

MSG OBJECT SET FOR 'CHILDREN OF' OPERATOR IS ALREADY
CHILD SET NEAR '\$01'.

DBSLCT74

MSG TOO MANY SETS.

DBSLCT76

MSG MISSING OR INVALID OPERATOR NEAR '\$01'.

DBSLCT78

MSG SEARCH TERM NOT RIGHTMOST IN EXPRESSION.

EXP FOR OPTIMIZATION, TERMS WITH NON-INDEXED FIELDS
SHOULD APPEAR AT THE FAR RIGHT OF THE
EXPRESSION.

DBSLCT80

MSG SEARCH UNIVERSE TOO LARGE.

DBSLCT90

MSG SELECT \$01 IF

EXP ANY VALID SELECT EXPRESSION MAY BE ENTERED. THE EVALUATION OF THE EXPRESSION IS LIMITED TO THOSE KEYS CONTAINED IN THE SET SPECIFIED IN THE SELECT IF PROMPT.

DBSLCT91

MSG ENTER SEARCH UNIVERSE EXPRESSION

DBSLCT98

MSG SELECT CANCELLED: NEAR '\$01', DBLIST ERROR '\$02'.

EXP THE LIST PROCESSING MODULE, DBLIST, HAS RETURNED AN ERROR CODE TO THE DBSLCT MODULE.

RSP PLEASE SUBMIT YOUR TERMINAL SHEET OR A WRITTEN NOTE SO THAT THE BUG CAN BE REPRODUCED AND ERADICATED. YOU MAY ENTER 'EXPLAIN DBLISTNN' WHERE NN IS THE TWO DIGIT ERROR CODE FOR FURTHER DETAIL.

DBSLCT99

MSG SELECT CANCELLED: NEAR '\$01', DBPAC ERROR '\$02'.

EXP THE DATA BASE EXECUTIVE MODULE, DBPAC, HAS RETURNED AN ERROR CODE TO THE DBSLCT MODULE.

RSP PLEASE SUBMIT YOUR TERMINAL SHEET OR A WRITTEN NOTE SO THAT THE BUG CAN BE REPRODUCED AND ERADICATED. YOU MAY ENTER 'EXPLAIN DBPACNNN' WHERE NNN IS THE THREE-DIGIT ERROR CODE FOR FURTHER DETAIL.

DBSTAT01

MSG CANCELLED: ERROR \$01 ON STATIC DESCRIPTORS.

EXP DBPAC ERROR \$01 OCCURRED WHILE OPENING THE STATISTIC DESCRIPTOR FILE. NOTIFY YOUR DBA.

DBSTAT02

MSG CANCELLED: ERROR \$01 ON STATISTIC FILE, FIELD = \$02.

EXP DBPAC ERROR \$01 OCCURRED WHILE POSTING FIELD \$02 OF THE STATISTIC FILE. NOTIFY YOUR DBA.

DBSTRTO1

MSG CANCELLED: OPTION \$01 NOT NAMES, LIST OR
DELETE.

DBSTRTO2

MSG CANCELLED: UNABLE TO DELETE \$01.

DBSTRTO3

MSG CANCELLED: UNABLE TO RENAME \$01.

DBSTRTO4

MSG WARNING: ERROR WRITING \$01, STRATEGY SAVING WILL
BE BYPASSED.

DBSTRTO5

MSG WARNING: ERROR READING \$01, DATA MAY BE
INCCMPLETE.

DBSTRTO6

MSG CANCELLED: NO MORE PAGES \$01.

DBSTRTO7

MSG CANCELLED: STRATEGY \$01 UNKNOWN.

DBSTRTO8

MSG CANCELLED: THERE ARE NO SAVED STRATEGIES.

DBSTRTO9

MSG PAGING DIRECTION \$01 INVALID, FORWARD ASSUMED.

DBSTRTO10

MSG CANCELLED: NO STRATEGY NAME ENTERED.

DBTEST01

MSG \$01

DBTEST02

MSG \$01 LENGTH=\$02.

DBTEST03

MSG DB ERROR OF \$01. FIELD=\$02.

DBTEST04

MSG LIST ERROR OF \$01.

DBTEST05

MSG A OP ONFIELD D SYSERROR.A ONCODE CNT
 ROUTINE CNT ONRETURN ONFILE

DBTEST06

MSG SYS ONCODE CNT ROUTINE FIRST LAST

DBTEST07

MSG PREV PTR NEXT PTR CONT STRNG MKEYS #KEYS
 READ GET SIZE FLD NAME CONVERSION

DBTEST08

MSG INIT OP ONFIELD SYS ONCODE CNT ROUTINE CNT
 ONRETURN ONFILE OIFILE OWNER_ID DSNAME

DBTEST09

MSG ACC SAV FC CURRF LASTF ARR_S

DBTEST10

MSG FILENAME DTP FCBP KYC CURR LOCK
 WRIT REWR CLOS OPEN RECNT

DBTEST11

MSG NASIS_ID SECURITY OWNER_ID STRATEGY
 TSKID MTT DIS RET RES RER TST CNV

DBTEST12

MSG LENGTH OF \$01=\$02.

DBTEST13

MSG COUNT OF FIELD \$01=\$02.

DBTEST14

MSG COUNT OF \$01 ITEMS = \$02.

DBTEST15

MSG COUNT OF INDEX REFERENCES OF \$01=\$02.

DBTEST16

MSG TO NEXT LINE CONTAINS SAME AS ABOVE.

DBTEST17

MSG	A	CP	CNFIELD	D	SYS	ERROR.A
	ONCCDE	COUNT	ROUTINE	COUNT		ONRETURN
	ONFILE					

DBTEST18

MSG	SYS	ONCODE	COUNT	ROUTINE	FIRST	LAST
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DBTEST19

MSG	PREV PTR	NEXT PTR	CONT	STR	MKEY	*KEY	READ	GET
	SIZE	FIELD	NAME			CONVERSION		

DBTEST20

MSG	INIT	OP	CNFIELD	SYS	ONCODE	COUNT
	ROUTINE		COUNT	ONRETURN		ONFILE
	OLFILE		CWNER_			

DBTEST21

MSG	DSNAME	CC	SAV	FC	CURR	LAST	ARRS
-----	--------	----	-----	----	------	------	------

DBTEST22

MSG	FILENAME	DTP	FCBP	KYC	CURR
	LOCK	WRIT	REWR	CLOS	OPEN
				RDCT	

DBTEST23

MSG	NASIS_ID	SECURITY	OWNER_ID
	STRATEGY	TASK_ID	MTT DIS RET RES
	PER TST		

DBTEST24

MSG ONCODE=\$01, ONSOURCE=\$02.

DBTEST25

MSG ENTER ACCESS MODE (SEQ,DIR)

DBTEST26

MSG ENTER COMMAND FLAG

DBTEST27

MSG ENTER STRING VALUE

DBTEST28

MSG ENTER VARIABLE NAME

DBTEST29

MSG ENTER DB CALL TYPE

DBTEST30

MSG IS FILE TO BE ERASED?

DBTEST31

MSG ENTER FIELD NAME

DBTEST32

MSG WHICH FILE TO BUILD LIST FROM?

DBTEST33

MSG ENTER INDEXED FIELD NAME

DBTEST34

MSG ENTER INPUT/OUTPUT AREA NAME

DBTEST35

MSG ENTER KEY

DBTEST36

MSG WHICH KEY?

DBTEST37

MSG ENTER LISRID

DBTEST38

MSG ENTER LIST NAME

DBTEST39

MSG ENTER LOCK OPTION

DBTEST40

MSG ENTER LIST SIZE

DBTEST41

MSG IS MFCB TO BE RELEASED?

DBTEST42

MSG ENTER LISTS

DBTEST43

MSG ENTER INVALID CFCODE IN DECIMAL

DBTEST44

MSG ENTER OPEN OPTION (IN,OUT,UPD)

DBTEST45

MSG ENTER DATAPLEX OWNER'S USERID

DBTEST46

MSG ENTER DATAPLEX NAME

DBTEST47

MSG ENTER READ DIRECTION

DBTEST48

MSG ENTER SUFFILE CONTROL FIELD NAME

DBTEST49

MSG ENTER SECURITY CODE

DBTEST50

MSG ENTER INPUT LIST NAME

DBTEST51

MSG ENTER FIRST INPUT LIST NAME

DBTEST52

MSG ENTER SECOND INPUT LIST NAME

DBTEST53

MSG \$01 INVALID ACCESS MODE. REENTER

DBTEST54

MSG \$01 INVALID VARIABLE NAME. REENTER

DBTEST55

MSG \$01 INVALID DB TYPE. REENTER

DBTEST56

MSG \$01 NOT 'ERASE'. REENTER

DBTEST57

MSG \$01 INVALID IFN. REENTER

DBTEST58

MSG \$01 INVALID INPUT LIST NAME. REENTER

DBTEST59

MSG \$01 INVALID I/C NAME. REENTER

DBTEST60

MSG LENGTH VALUE IN \$01 INVALID. REENTER

DBTEST61

MSG \$01 INVALID LIST NAME. REENTER

DBTEST62

MSG \$01 INVALID LIST OPERATOR. REENTER

DBTEST63

MSG \$01 INVALID LIST. IGNORED.

DBTEST64

MSG LIST SIZE \$01 INVALID. REENTER

DBTEST65

MSG \$01 NOT 'N' OR 'NC'. REENTER

DBTEST66

MSG INVALID LOCK OPTION. REENTER

DBTEST67

MSG \$01 INVALID NUMBER. REENTER
DBTEST68
MSG \$01 INVALID DB CPCODE. REENTER
DBTEST69
MSG \$01 INVALID OPEN TYPE. REENTER
DBTEST70
MSG INVALID READ DIRECTION. REENTER
DBTEST71
MSG \$01 INVALID OPTION. REENTER
DBTEST72
MSG \$01 INVALID OUTPUT LIST NAME. REENTER
DBTEST73
MSG REPLICATOR VALUE IN \$01 INVALID. REENTER
DBTEST74
MSG \$01 INVALID SCFN. REENTER
DBTEST75
MSG STRING OR CYCLE IN \$01 INVALID. REENTER
DBTEST76
MSG KEYS
DBTEST77
MSG LIST\$01 \$02.
DBTEST78
MSG ENTER LIST OPERATOR
DBTEST79
MSG NO KEYS IN LIST.
DBTEST80
MSG \$01.

DBTEST81

MSG ENTER OUTPUT LIST NAME

DBUPDT01

MSG CANCELLED: ERROR \$01 ON \$02.

EXP DBPAC ERROR \$01 OCCURRED ON FIELD \$02. UPDATING
OF THE STATISTICS FILE IS TERMINATED.

DBWRIT05

MSG PROCESSING NASIS-ID \$01, KEY \$02 OF \$03.

EXP THE NASIS OFF-LINE PRINT GENERATOR WAS
INTERRUPTED WHILE PERFORMING THE INDICATED
TASK.

DBXPND01

MSG CANCELLED: NOT IN RETRIEVAL SYSTEM.

DBXPND02

MSG CANCELLED: NO TERM TO EXPAND.

DBXPND03

MSG CANCELLED: THESAURUS IS NOT YET SUPPORTED.

DBXPND04

MSG ENTER TERM TO BE EXPANDED

DBXPND05

MSG ENTER INDEXED FIELD NAME

DBXPND06

MSG CANCELLED: FIELD NAME \$01 IS INVALID.

DBXPND07

MSG CANCELLED: ERROR \$01 ON FILE \$02 FIELD \$03.

DBXPND08

MSG CANCELLED: NO MORE PAGES \$01.

DBXPND09

MSG PAGING DIRECTION \$01 INVALID, FORWARD ASSUMED.

DBXPND10

MSG CANCELLED: FIELD \$01 IN NOT INDEXED YET.

DBXPND11

MSG CANCELLED: TERM \$01 CANNOT BE EXPANDED.

LATLON01

MSG \$01.

TSTEST01

MSG WARNING: CCNDITION \$01 RAISED IN TSTEST.

TS000

MSG \$1

TS001

MSG INVALID RESPONSE.

TS002

MSG CANCELLED: \$1.

TS003

MSG ATTENTION IGNORED: ATTENTION PROCESSING
TEMPORARILY DISABLED.

EXP THE NASIS SYSTEM WAS UNABLE TO PERFORM
ASYNCHRONOUS PROCESSING WHEN REQUESTED. TRY
AGAIN LATER.

TS992

MSG INPUT DATA TOO LONG, REENTER

EXP YOUR INPUT DATA EXCEEDED THE 256 CHARACTER
LIMIT.

RSP RESPOND TO THE ORIGINAL PROMPT.

TS993

MSG COMMAND PROMPT SYNTAX ERROR. INPUT STRING
REJECTED.

EXP INFORMATION ENTERED AT THE TERMINAL WAS INCCMPATIELE WITH NASIS SYNTAX REQUIREMENTS. CONSULT YOUR USER'S GUIDE FOR A COMPLETE DISCUSSION OF THESE RULES.

TS994

MSG PROMPT SYNTAX ERRCR KEYWORD=\$01.

EXP SYNTAX ERRCR IN INPUT STRING DETECTED BY TERMINAL SUPPORT.

RSP NO RESPONSE REQUIRED.

TS995

MSG MESSAGE \$01 UNKNOWN.

EXP A NASIS PROGRAM ATTEMPTED TO ISSUE A MESSAGE HAVING THE INDICATED MESSAGE-ID. THIS MESSAGE IS NOT PART OF THE MESSAGE LIBRARY.

TS996

MSG MORE

EXP THE PREVIOUS DATA DISPLAY DOES NOT CONTAIN ALL THE INFORMATION AVAILABLE. ENTER THE 'PAGE' COMMAND TO CONTINUE THE DISPLAY OR ANY VALID NASIS COMMAND TO CONTINUE PROCESSING.

TS997

MSG ENTER

TS998

MSG CONTINUE

EXP RESUME KEYING OF YOUR RESPONSE TO THE PREVIOUS COMMAND OR DATA PROMPT.

TS999

MSG ATTN

EXP YOU HAVE REQUESTED ASYNCHRONOUS PROCESSING BY DEPRESSING THE 'ATTENTION' KEY. ENTER ANY NASIS IMMEDIATE COMMAND.

RSP CONSULT YOUR USER'S GUIDE FOR A LIST OF NASIS IMMEDIATE COMMANDS AND THEIR FUNCTIONS.