```
BBBBBBBBBBBB        AAAAAAAAA        SSSSSSSSSSSS    RRRRRRRRRRRR    TTTTTTTTTTTTTTT   LLL
BBBBBBBBBBBB        AAAAAAAAA        SSSSSSSSSSSS    RRRRRRRRRRRR    TTTTTTTTTTTTTTT   LLL
BBBBBBBBBBBB        AAAAAAAAA        SSSSSSSSSSSS    RRRRRRRRRRRR    TTTTTTTTTTTTTTT   LLL
BBB       BBB    AAA        AAA   SSS               RRR       RRR        TTT          LLL
BBB       BBB    AAA        AAA   SSS               RRR       RRR        TTT          LLL
BBB       BBB    AAA        AAA   SSS               RRR       RRR        TTT          LLL
BBB       BBB    AAA        AAA   SSS               RRR       RRR        TTT          LLL
BBB       BBB    AAA        AAA   SSS               RRR       RRR        TTT          LLL
BBB       BBB    AAA        AAA   SSS               RRR       RRR        TTT          LLL
BBBBBBBBBBBB     AAA        AAA      SSSSSSSSS       RRRRRRRRRRRR        TTT          LLL
BBBBBBBBBBBB     AAA        AAA      SSSSSSSSS       RRRRRRRRRRRR        TTT          LLL
BBBBBBBBBBBB     AAA        AAA      SSSSSSSSS       RRRRRRRRRRRR        TTT          LLL
BBB       BBB    AAAAAAAAAAAAAAAA           SSS    RRR   RRR            TTT          LLL
BBB       BBB    AAAAAAAAAAAAAAAA           SSS    RRR   RRR            TTT          LLL
BBB       BBB    AAAAAAAAAAAAAAAA           SSS    RRR   RRR            TTT          LLL
BBB       BBB    AAA        AAA             SSS    RRR       RRR        TTT          LLL
BBB       BBB    AAA        AAA             SSS    RRR       RRR        TTT          LLL
BBB       BBB    AAA        AAA             SSS    RRR       RRR        TTT          LLL
BBBBBBBBBBBB     AAA        AAA   SSSSSSSSSSSS    RRR           RRR     TTT    LLLLLLLLLLLLLLLL
BBBBBBBBBBBB     AAA        AAA   SSSSSSSSSSSS    RRR           RRR     TTT    LLLLLLLLLLLLLLLL
BBBBBBBBBBBB     AAA        AAA   SSSSSSSSSSSS    RRR           RRR     TTT    LLLLLLLLLLLLLLLL
```

FILEID**BASERRMSG

```
BBBBBBBB     AAAAAA     SSSSSSSS  EEEEEEEEEE  RRRRRRRR   RRRRRRRR   MM      MM   SSSSSSSS   GGGGGGGG
BBBBBBBB     AAAAAA     SSSSSSSS  EEEEEEEEEE  RRRRRRRR   RRRRRRRR   MM      MM   SSSSSSSS   GGGGGGGG
BB    BB   AA    AA   SS         EE          RR    RR   RR    RR   MMMM  MMMM   SS         GG
BB    BB   AA    AA   SS         EE          RR    RR   RR    RR   MMMM  MMMM   SS         GG
BB    BB   AA    AA   SS         EE          RR    RR   RR    RR   MM  MM  MM   SS         GG
BB    BB   AA    AA   SS         EE          RR    RR   RR    RR   MM  MM  MM   SS         GG
BBBBBBBB   AA    AA     SSSSSS   EEEEEEEE    RRRRRRRR   RRRRRRRR   MM      MM     SSSSSS    GG
BBBBBBBB   AA    AA     SSSSSS   EEEEEEEE    RRRRRRRR   RRRRRRRR   MM      MM     SSSSSS    GG
BB    BB   AAAAAAAAAA       SS   EE          RR  RR     RR  RR     MM      MM         SS   GG  GGGGGG
BB    BB   AAAAAAAAAA       SS   EE          RR  RR     RR  RR     MM      MM         SS   GG  GGGGGG
BB    BB   AA    AA         SS   EE          RR    RR   RR    RR   MM      MM         SS   GG    GG
BB    BB   AA    AA         SS   EE          RR    RR   RR    RR   MM      MM         SS   GG    GG
BBBBBBBB   AA    AA   SSSSSSSS   EEEEEEEEEE  RR    RR   RR    RR   MM      MM   SSSSSSSS   GGGGGG
BBBBBBBB   AA    AA   SSSSSSSS   EEEEEEEEEE  RR    RR   RR    RR   MM      MM   SSSSSSSS   GGGGGG
```

```
RRRRRRRR   EEEEEEEEEE   QQQQQQ
RRRRRRRR   EEEEEEEEEE   QQQQQQ
RR    RR   EE          QQ    QQ
RR    RR   EE          QQ    QQ
RR    RR   EE          QQ    QQ
RR    RR   EE          QQ    QQ
RRRRRRRR   EEEEEEEE    QQ    QQ
RRRRRRRR   EEEEEEEE    QQ    QQ
RR  RR     EE          QQ QQ QQ
RR  RR     EE          QQ QQ QQ
RR    RR   EE          QQ   QQ
RR    RR   EE          QQ   QQ
RR    RR   EEEEEEEEEE   QQQQ QQ
RR    RR   EEEEEEEEEE   QQQQ QQ
```

```
!+
! This file, BASERRMSG.REQ, contains the error codes for VAX-11 BASIC
! Edit: MDL1037
!-
!***********************************************************************
!*                                                                     *
!*                                                                     *
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!***********************************************************************
!
!
!+
! These codes correspond to those in the BASIC-PLUS-2
! Language Reference Manual, order number AA-H074A-TC.
! Additional codes were taken from table B-1 of the
! BASIC-PLUS-2/RSX User's Guide, order number AA-0157B-TC.
! They are marked "!RSX".  Some codes were taken from the
! error message file used by BASIC-PLUS-2 on 04-JAN-1979
! They are marked "!UNDOC".  Two codes have been added for VAX:
! they are marked "!VAX/VMS"
!
! Edit History:
!
! 0-001 - Initial coding  JBS 15-OCT-78
! 0-002 - Update herald  JBS 31-OCT-78
! 0-003 - Put a comma after each call to ERR to
!             improve the appearance  JBS 02-NOV-78
! 0-004 - Converted message text to mostly lower case for
!             compatability with BASIC-PLUS  JBS 13-NOV-78
! 0-005 - Recast comments and edit history into standard form  JBS 19-NOV-78
! 1-001 - Correct file name in initial and final comment.  JBS 27-NOV-78
! 1-002 - Correct spelling of UNUERR069.  JBS 27-NOV-78
! 1-003 - Correct wording of ILLALLCLA message.  JBS 11-DEC-78
! 1-004 - Add codes 174 and 175.  JBS 11-DEC-78
! 1-005 - Add system error handling item.  JBS 28-DEC-78
! 1-006 - Update to latest BASIC-PLUS-2/11 codes.  JBS 04-JAN-1979
! 1-007 - Update to latest BASIC-PLUS-2/11 codes.  JBS 16-JAN-1979
! 1-008 - Update to latest BASIC-PLUS-2/11 codes.  JBS 18-JAN-1979
! 1-009 - Make "Illegal number" be a warning.  JBS 24-JAN-1979
```

```
! 1-010 - Add the ILLEGAL RESUME error message.  JBS 11-FEB-1979
! 1-011 - Change the wording of ILLEGAL RESUME to agree with the
!              PDP-11.  JBS 02-APR-1979
! 1-012 - Make the arithmetic messages (48, 49, 51, 53, 54, 61) errors
!              instead of warnings, so they will not continue unless
!              the user has an error handler.  JBS 04-MAY-1979
! 1-013 - Correct a typo in edit 012.  JBS 07-MAY-1979
! 1-014 - Make the WHAT message information.  JBS 10-MAY-1979
! 1-015 - Make message 86 ERROR rather than SEVERE, since the compiler
!              wishes to use it for internal signalling.  JBS 07-JUN-1979
! 1-016 - Correct some typos (by comparison with the PDP-11) and add
!              message 246.  JBS 24-JUL-1979
! 1-017 - Make message 52 an error.  10-AUG-1979
! 1-018 - Change message 0 to correspond to the new name of the product.
!              It does not contain the version number.  JBS 29-AUG-1979
! 1-019 - Add message 245.  JBS 18-SEP-1979
! 1-020 - Change the wording of message 125 to make it more specific
!              to VAX.  JBS 19-SEP-1979
! 1-021 - Put message 125 back, and define a new message to take its place.
!              JBS 02-OCT-1979
! 1-022 - Remove the PRINT statement, for the new BLISS compiler.
!              JBS 02-OCT-1979
! 1-023 - Add error 228, record attributes not matched.
!              JBS 03-OCT-1979
! 1-024 - Add error 227, string too long.  JBS 18-OCT-1979
! 1-025 - Make Illegal Operation non-trappable (severe).  JBS 14-JAN-1980
! 1-026 - Make error 174, 175 ERROR instead of SEVERE.  FM 16-FEB-81.
! 1-027 - Change error 141 from SEVERE to ERROR.  PL 12-Jun-81
! 1-028 - Add errors 176 and 177.  PL 15-Oct-81
! 1-029 - Add error 178.  PL 27-Oct-81
! 1-030 - Add errors 179, 180, 181. PLL 12-Feb-82
! 1-031 - Truncate unused error messages (to save space on the VMS kits).
!              Add errors 182, 183.
!              PLL 1-Mar-1982
! 1-032 - Add errors 184, 185, 186, and 187.  PLL 2-Jun-1982
! 1-033 - add error 188.  MDL 19-Jul-1982
!        - Change error 176 to info.  PLL 23-Jul-1982
! 1-034 - Change error 177 to info.  Add 189.  PLL 29-Jul-1982
! 1-035 - change error 177 to warning and RESTART.  MDL 3-Dec-1982
! 1-036 - change error 176 to warning.  MDL 11-Feb-1983
! 1-037 - change text of error 178 and name to EXRMSSHR.  MDL 29-Aug-1983
!--
!+
! NOTE: Any changes to this module must also be reflected in BASMSG.MSG
!
! The first argument to the ERR macro is the error number.
! The second is the nine-character message code used by
! VAX/VMS.  The third is the message text.  The fourth is
! the severity.  The fifth is the system error handling option.
!-
MACRO ERROR_LIST =
    ERR (0, VAXBAS, 'VAX-11 BASIC', INFO, CONT),

    ERR (1, BADDIRDEV, 'Bad directory for device', ERROR, EXIT),

    ERR (2, ILLFILNAM, 'illegal file name', ERROR, EXIT),
```

```
ERR (3, ACCDEVUSE, 'Account or device in use', ERROR, EXIT),
ERR (4, NO_ROOUSE, 'No room for user on device', ERROR, EXIT),
ERR (5, CANFINFIL, 'Can''t find file or account', ERROR, EXIT),
ERR (6, NOTVALDEV, 'Not a valid device', ERROR, EXIT),
ERR (7, IO_CHAALR, 'I/O channel already open', ERROR, EXIT),
ERR (8, DEVNOTAVA, 'Device not available', ERROR, EXIT),
ERR (9, IO_CHANOT, 'I/O channel not open', ERROR, EXIT),
ERR (10, PROVIO, 'Protection violation', ERROR, EXIT),
ERR (11, ENDFILDEV, 'End of file on device', ERROR, EXIT),
ERR (12, FATSYSIO_, 'Fatal system I/O failure', ERROR, EXIT),
ERR (13, USEDATERR, 'User data error on device', ERROR, EXIT),
ERR (14, DEVHUNWRI, 'Device hung or write locked', ERROR, EXIT),
ERR (15, KEYWAIEXH, 'Keyboard wait exhausted', ERROR, EXIT),
ERR (16, NAMACCNOW, 'Name or account now exists', ERROR, EXIT),
ERR (17, TOOMANOPE, 'Too many open files on unit', ERROR, EXIT),
ERR (18, ILLSYSUSA, 'Illegal SYS() usage', ERROR, EXIT),
                                              !UNDOC
ERR (19, DISBLOINT, 'Disk block is interlocked', ERROR, EXIT),
                                              !UNDOC
ERR (20, PACIDSDON, 'Pack IDs don''t match', ERROR, EXIT),
                                              !UNDOC
ERR (21, DISPACNOT, 'Disk pack is not mounted', ERROR, EXIT),
                                              !UNDOC
ERR (22, DISPACLOC, 'Disk pack is locked out', ERROR, EXIT),
                                              !UNDOC
ERR (23, ILLCLUSIZ, 'Illegal cluster size', ERROR, EXIT),
                                              !UNDOC
ERR (24, DISPACPRI, 'Disk pack is private', ERROR, EXIT),
                                              !UNDOC
ERR (25, DISPACNEE, 'Disk pack needs ''CLEANing''', ERROR, EXIT),
                                              !UNDOC
ERR (26, FATDISPAC, 'Fatal disk pack mount error', ERROR, EXIT),
                                              !UNDOC
ERR (27, IO_TO_DET, 'I/O to detached keyboard', ERROR, EXIT),
                                              !UNDOC
ERR (28, PROC__TRA, 'Programmable ^C trap', ERROR, EXIT),
ERR (29, CORFILSTR, 'Corrupted file structure', ERROR, EXIT),
                                              !RSX
ERR (30, DEVNOTFIL, 'Device not file-structured', ERROR, EXIT),
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ERR (31, ILLBYTCOU, 'Illegal byte count for I/O', ERROR, EXIT),

ERR (32, NO_BUFSPA, 'No buffer space available', ERROR, EXIT),
                                          !UNDOC
ERR (33, ODDADDTRA, 'Odd address trap', ERROR, EXIT),
                                          !RSX
ERR (34, RESINSTRA, 'Reserved instruction trap', SEVERE, EXIT),
                                          !UNDOC
ERR (35, MEMMANVIO, 'Memory management violation', SEVERE, EXIT),
                                          !RSX
ERR (36, SP_STAOVE, 'SP stack Overflow', SEVERE, EXIT),
                                          !UNDOC
ERR (37, DISERRDUR, 'Disk error during swap', SEVERE, EXIT),
                                          !UNDOC
ERR (38, MEMPARFAI, 'Memory parity (or ECC) failure', SEVERE, EXIT),
                                          !UNDOC
ERR (39, MAGSELERR, 'Magtape select error', ERROR, EXIT),
                                          !UNDOC
ERR (40, MAGRECLEN, 'Magtape record length error', ERROR, EXIT),
                                          !UNDOC
ERR (41, NONRESRUN, 'Non-res run-time system', ERROR, EXIT),
                                          !UNDOC
ERR (42, VIRBUFTOO, 'Virtual buffer too large', ERROR, EXIT),
                                          !RSX
ERR (43, VIRARRDIS, 'Virtual array not on disk', ERROR, EXIT)
                                          ! CONFLICT WITH 45
ERR (44, MATARRTOO, 'Matrix or array too big', ERROR, EXIT),

ERR (45, VIRARROPE, 'Virtual array not yet open', ERROR, EXIT),
                                          ! CONFLICT WITH 43
ERR (46, ILLIO_CHA, 'Illegal I/O channel', ERROR, EXIT),

ERR (47, LINTOOLON, 'Line too long', ERROR, EXIT),

ERR (48, FLOPOIERR, 'Floating point error or overflow', ERROR, EXIT),

ERR (49, ARGTOOLAR, 'Argument too large in EXP', ERROR, EXIT),

ERR (50, DATFORERR, 'Data format error', WARNING, RESTART),

ERR (51, INTERR, 'Integer error or overflow', ERROR, EXIT),

ERR (52, ILLNUM, 'Illegal number', ERROR, RESTART),

ERR (53, ILLARGLOG, 'Illegal argument in LOG', ERROR, EXIT),

ERR (54, IMASQUROO, 'Imaginary square roots', ERROR, EXIT),

ERR (55, SUBOUTRAN, 'Subscript out of range', ERROR, EXIT),

ERR (56, CANINVMAT, 'Can''t invert matrix', ERROR, EXIT),

ERR (57, OUTOF_DAT, 'Out of data', ERROR, EXIT),

ERR (58, ON_STAOUT, 'ON statement out of range', ERROR, EXIT),
```

```
        ERR (59, NOTENODAT, 'Not enough data in record', ERROR, EXIT),

        ERR (60, INTOVEFOR, 'Integer overflow, FOR loop', ERROR, EXIT),

        ERR (61, DIVBY_ZER, 'Division by 0', ERROR, EXIT),

        ERR (62, NO_RUNSYS, 'No run-time system', ERROR, EXIT),
                                                  !RSX
        ERR (63, FIEOVEBUF, 'FIELD overflows buffer', ERROR, EXIT),
                                                  !RSX
        ERR (64, NOTRANACC, 'Not a random access device', ERROR, EXIT),

        ERR (65, ILLMAGUSA, 'Illegal MAGTAPE() usage', ERROR, EXIT),

        ERR (66, MISSPEFEA, 'Missing special feature', ERROR, EXIT),

        ERR (67, ILLSWIUSA, 'Illegal switch usage', ERROR, EXIT),

        ERR (68, UNUERRO68, 'Unused', SEVERE, EXIT),

        ERR (69, UNUERRO69, 'Unused', SEVERE, EXIT),

        ERR (70, UNUERRO70, 'Unused', SEVERE, EXIT),

        ERR (71, STANOTFOU, 'Statement not found', SEVERE, EXIT),

        ERR (72, RETWITGOS, 'RETURN without GOSUB', SEVERE, EXIT),
                                                  !RSX
        ERR (73, FNEWITFUN, 'FNEND without function call', SEVERE, EXIT),
                                                  !RSX
        ERR (74, UNDFUNCAL, 'Undefined function called', SEVERE, EXIT),
                                                  !UNDOC
        ERR (75, ILLSYM, 'Illegal symbol', SEVERE, EXIT),
                                                  !UNDOC
        ERR (76, ILLVER, 'Illegal verb', SEVERE, EXIT),
                                                  !UNDOC
        ERR (77, ILLEXP, 'Illegal expression', SEVERE, EXIT),
                                                  !UNDOC
        ERR (78, ILLMODMIX, 'Illegal mode mixing', SEVERE, EXIT),
                                                  !UNDOC
        ERR (79, ILLIF_STA, 'Illegal IF statement', SEVERE, EXIT),
                                                  !UNDOC
        ERR (80, ILLCONCLA, 'Illegal conditional clause', SEVERE, EXIT),
                                                  !UNDOC
        ERR (81, ILLFUNNAM, 'Illegal function name', SEVERE, EXIT),
                                                  !UNDOC
        ERR (82, ILLDUMVAR, 'Illegal dummy variable', SEVERE, EXIT),
                                                  !UNDOC
        ERR (83, ILLFN_RED, 'Illegal FN redefinition', SEVERE, EXIT),
                                                  !UNDOC
        ERR (84, ILLLINNUM, 'Illegal line number(s)', SEVERE, EXIT),
                                                  !UNDOC
        ERR (85, MODERR, 'Modifier error', SEVERE, EXIT),
                                                  !UNDOC
        ERR (86, CANCOMSTA, 'Can''t compile statement', ERROR, EXIT),
```

```
                                      !UNDOC
        ERR (87, EXPTOOCOM, 'Expression too complicated', SEVERE, EXIT),
                                      !UNDOC
        ERR (88, ARGDONMAT, 'Arguments don''t match', SEVERE, EXIT),
                                      !RSX
        ERR (89, TOOMANARG, 'Too many arguments', SEVERE, EXIT),
                                      !RSX
        ERR (90, INCFUNUSA, 'Inconsistent function usage', WARNING, CONT),
                                      !UNDOC
        ERR (91, ILLDEFNES, 'Illegal DEF nesting', SEVERE, EXIT),
                                      !UNDOC
        ERR (92, FORWITNEX, 'FOR without NEXT', SEVERE, EXIT),
                                      !UNDOC
        ERR (93, NEXWITFOR, 'NEXT without FOR', SEVERE, EXIT),
                                      !UNDOC
        ERR (94, DEFWITFNE, 'DEF without FNEND', SEVERE, EXIT),
                                      !UNDOC
        ERR (95, FNEWITDEF, 'FNEND without DEF', SEVERE, EXIT),
                                      !UNDOC
        ERR (96, LITSTRNEE, 'Literal string needed', SEVERE, EXIT),
                                      !UNDOC
        ERR (97, TOOFEWARG, 'Too few arguments', SEVERE, EXIT),
                                      !RSX
        ERR (98, SYNERR, 'Syntax error', SEVERE, EXIT),
                                      !UNDOC
        ERR (99, STRIS_NEE, 'String is needed', SEVERE, EXIT),
                                      !UNDOC
        ERR (100, NUMIS_NEE, 'Number is needed', SEVERE, EXIT),
                                      !UNDOC
        ERR (101, DATTYPERR, 'Data type error', SEVERE, EXIT),
                                      !UNDOC
        ERR (102, ONEOR_TWO, 'One or two dimensions only', SEVERE, EXIT),
                                      !UNDOC
        ERR (103, PROLOSSOR, 'Program lost-Sorry', SEVERE, EXIT),
                                      !RSX
        ERR (104, RESNO_ERR, 'RESUME and no error', SEVERE, EXIT),
                                      !RSX
        ERR (105, REDARR, 'Redimensioned array', ERROR, EXIT),
                                      !RSX
        ERR (106, INCSUBUSE, 'Inconsistent subscript use', WARNING, CONT),
                                      !UNDOC
        ERR (107, ON_STANEE, 'ON statement needs GOTO', SEVERE, EXIT),
                                      !UNDOC
        ERR (108, ENDOF_STA, 'End of statement not seen', SEVERE, EXIT),
                                      !UNDOC
        ERR (109, WHA, 'What?', INFO, CONT),
                                      !UNDOC
        ERR (110, BADLINNUM, 'Bad line number pair', SEVERE, EXIT),
                                      !UNDOC
        ERR (111, NOTENOAVA, 'Not enough available memory', SEVERE, EXIT),
                                      !UNDOC
        ERR (112, EXEONLFIL, 'Execute only file', SEVERE, EXIT),
                                      !UNDOC
        ERR (113, PLEUSERUN, 'Please use the RUN command', SEVERE, EXIT),
                                      !UNDOC
        ERR (114, CANCON, 'Can''t CONTinue', SEVERE, EXIT),
```

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                                        !UNDOC
ERR (115, FILEXIREN, 'File exists-RENAME/REPLACE', SEVERE, EXIT),
                                        !UNDOC
ERR (116, PRIUSIFOR, 'PRINT-USING format error', SEVERE, EXIT),
                                        !RSX
ERR (117, MATARRWIT, 'Matrix or array without DIM', SEVERE, EXIT),
                                        !UNDOC
ERR (118, BADNUMPRI, 'Bad number in PRINT-USING', SEVERE, EXIT),
                                        !UNDOC
ERR (119, ILLIN_IMM, 'Illegal in immediate mode', SEVERE, EXIT),
                                        !UNDOC
ERR (120, PRIUSIBUF, 'PRINT-USING buffer overflow', SEVERE, EXIT),
                                        !UNDOC
ERR (121, ILLSTA, 'Illegal statement', SEVERE, EXIT),
                                        !UNDOC
ERR (122, ILLFIEVAR, 'Illegal FIELD variable', SEVERE, EXIT),
                                        !UNDOC
ERR (123, STO, 'Stop', INFO, CONT),
                                        !UNDOC
ERR (124, MATDIMERR, 'Matrix dimension error', SEVERE, EXIT),
                                        !UNDOC
ERR (125, WROMATPAC, 'Wrong math package', SEVERE, EXIT),
                                        !RSX
ERR (126, MAXMEMEXC, 'Maximum memory exceeded', SEVERE, EXIT),
                                        !RSX
ERR (127, SCAFACINT, 'SCALE factor interlock', SEVERE, EXIT),
                                        !RSX
ERR (128, TAPRECNOT, 'Tape records not ANSI', ERROR, EXIT),
ERR (129, TAPBOTDET, 'Tape BOT detected', ERROR, EXIT),
                                        !UNDOC
ERR (130, KEYNOTCHA, 'Key not changeable', ERROR, EXIT),
ERR (131, NO_CURREC, 'No current record', ERROR, FXIT),
ERR (132, RECHASBEE, 'Record has been deleted', ERROR, EXIT),
ERR (133, ILLUSADEV, 'Illegal usage for device', ERROR, EXIT),
ERR (134, DUPKEYDET, 'Duplicate key detected', ERROR, EXIT),
ERR (135, ILLUSA, 'Illegal usage', ERROR, EXIT),
ERR (136, ILLILLACC, 'Illegal or illogical access', ERROR, EXIT),
ERR (137, ILLKEYATT, 'Illegal key attributes', ERROR, EXIT),
ERR (138, FILIS_LOC, 'File is locked', ERROR, EXIT),
ERR (139, INVFILOPT, 'Invalid file options', ERROR, EXIT),
                                        !UNDOC
ERR (140, INDNOTINI, 'Index not initialized', ERROR, EXIT),
ERR (141, ILLOPE, 'Illegal operation', ERROR, EXIT),
ERR (142, ILLRECFIL, 'Illegal record on file', ERROR, EXIT),
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ERR (143, BADRECIDE, 'Bad record identifier', ERROR, EXIT),
ERR (144, INVKEYREF, 'Invalid key of reference', ERROR, EXIT),
ERR (145, KEYSIZTOO, 'Key size too large', ERROR, EXIT),
ERR (146, TAPNOTANS, 'Tape not ANSI labelled', ERROR, EXIT),
ERR (147, RECNUMEXC, 'RECORD number exceeds maximum', ERROR, EXIT),
ERR (148, BADRECVAL, 'Bad RECORDSIZE value on OPEN', ERROR, EXIT),
ERR (149, NOTENDFIL, 'Not at end of file', ERROR, EXIT),
ERR (150, NO_PRIKEY, 'No primary key specified', ERROR, EXIT),
ERR (151, KEYFIEBEY, 'Key field beyond end of record', ERROR, EXIT),
ERR (152, ILLRECACC, 'Illogical record accessing', ERROR, EXIT),
                                           !UNDOC
ERR (153, RECALREXI, 'Record already exists', ERROR, EXIT),
ERR (154, RECBUCLOC, 'Record/bucket locked', ERROR, EXIT),
ERR (155, RECNOTFOU, 'Record not found', ERROR, EXIT),
ERR (156, SIZRECINV, 'Size of record invalid', ERROR, EXIT),
ERR (157, RECFILTOO, 'Record on file too big', ERROR, EXIT),
ERR (158, PRIKEYOUT, 'Primary key out of sequence', ERROR, EXIT),
ERR (159, KEYLARTHA, 'Key larger than record', ERROR, EXIT),
ERR (160, FILATTNOT, 'File attributes not matched', ERROR, EXIT),
ERR (161, MOVOVEBUF, 'Move overflows buffer', ERROR, EXIT),
ERR (162, CANOPEFIL, 'Cannot open file', ERROR, EXIT),
                                           !UNDOC
ERR (163, NO_FILNAM, 'No file name', ERROR, EXIT),
                                           !UNDOC
ERR (164, TERFORFIL, 'Terminal format file required', ERROR, EXIT),
ERR (165, CANPOSEOF, 'Cannot position to EOF', ERROR, EXIT),
ERR (166, NEGFILSTR, 'Negative fill or string length', ERROR, EXIT),
ERR (167, ILLRECFOR, 'Illegal record format', ERROR, EXIT),
ERR (168, ILLALLCLA, 'Illegal ALLOW clause', ERROR, EXIT),
ERR (169, UNUERR169, 'Unused', SEVERE, EXIT),
                                           ! Wrongly documented
ERR (170, INDNOTFUL, 'Index not fully optimized', ERROR, EXIT),
```

```
                                            !RSX
    ERR (171, RRVNOTFUL, 'RRV not fully updated', ERROR, EXIT),
                                            !RSX
    ERR (172, RECLOCFAI, 'Record lock failed', ERROR, EXIT),
                                            !UNDOC
    ERR (173, INVRFAFIE, 'Invalid RFA field', ERROR, EXIT),
                                            !RSX
    ERR (174, FILEXPDAT, 'File expiration date not yet reached', ERROR, EXIT),
                                            !VAX/VMS
    ERR (175, NODNAMERR, 'Node name error', ERROR, EXIT),
                                            !VAX/VMS
    ERR (176, NEGZERTAB, 'Negative or zero TAB', WARNING, CONT),
                                            !VAX/VMS ANSI
    ERR (177, TOOMUCDAT, 'Too much data in record', WARNING, RESTART),
                                            !VAX/VMS ANSI
    ERR (178, EXRMSSHR, 'System memory for file sharing exhausted', ERROR, EXIT),
                                            !VAX/VMS
    ERR (179, UNEFILDAT, 'Unexpired file date', ERROR, EXIT),
                                            !RSX
    ERR (180, NOSUPFOR, 'No support for operation in task', ERROR, EXIT),
                                            !RSX
    ERR (181, DECERR, 'Decimal error or overflow', ERROR, EXIT),
                                            !VAX/VMS
    ERR (182, NETOPEREJ, 'Network operation rejected', ERROR, EXIT),
                                            !RSX
    ERR (183, REMOVEBUF, 'REMAP overflows buffer', ERROR, EXIT),
                                            !VAX/VMS
    ERR (184, UNAREMVAR, 'Unaligned REMAP variable', SEVERE, EXIT),
                                            !RSX
    ERR (185, RECOVEMAP, 'RECORDSIZE overflows MAP buffer', SEVERE, EXIT),
                                            !VAX/VMS
    ERR (186, IMPERRHAN, 'Improper error handling', SEVERE, EXIT),
                                            !VAX/VMS
    ERR (187, ILLRECLOC, 'Illegal record locking clause', SEVERE, EXIT),
                                            !VAX/VMS
    ERR (188, REQRECSIZ, 'UNLOCK EXPLICIT requires RECORDSIZE 512', ERROR, EXIT),
                                            !VAX/VMS
    ERR (189, TOOLITDAT, 'Too little data in record', WARNING, RESTART),
                                            !VAX/VMS ANSI
    ERR (190, UNUERR190, 'Unused', SEVERE, EXIT),

    ERR (191, UNUERR191, 'Unused', SEVERE, EXIT),

    ERR (192, UNUERR192, 'Unused', SEVERE, EXIT),

    ERR (193, UNUERR193, 'Unused', SEVERE, EXIT),

    ERR (194, UNUERR194, 'Unused', SEVERE, EXIT),

    ERR (195, UNUERR195, 'Unused', SEVERE, EXIT),

    ERR (196, UNUERR196, 'Unused', SEVERE, EXIT),

    ERR (197, UNUERR197, 'Unused', SEVERE, EXIT),

    ERR (198, UNUERR198, 'Unused', SEVERE, EXIT),
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ERR (199, UNUERR199, 'Unused', SEVERE, EXIT);
ERR (200, UNUERR200, 'Unused', SEVERE, EXIT);
ERR (201, UNUERR201, 'Unused', SEVERE, EXIT);
ERR (202, UNUERR202, 'Unused', SEVERE, EXIT);
ERR (203, UNUERR203, 'Unused', SEVERE, EXIT);
ERR (204, UNUERR204, 'Unused', SEVERE, EXIT);
ERR (205, UNUERR205, 'Unused', SEVERE, EXIT);
ERR (206, UNUERR206, 'Unused', SEVERE, EXIT);
ERR (207, UNUERR207, 'Unused', SEVERE, EXIT);
ERR (208, UNUERR208, 'Unused', SEVERE, EXIT);
ERR (209, UNUERR209, 'Unused', SEVERE, EXIT);
ERR (210, UNUERR210, 'Unused', SEVERE, EXIT);
ERR (211, UNUERR211, 'Unused', SEVERE, EXIT);
ERR (212, UNUERR212, 'Unused', SEVERE, EXIT);
ERR (213, UNUERR213, 'Unused', SEVERE, EXIT);
ERR (214, UNUERR214, 'Unused', SEVERE, EXIT);
ERR (215, UNUERR215, 'Unused', SEVERE, EXIT);
ERR (216, UNUERR216, 'Unused', SEVERE, EXIT);
ERR (217, UNUERR217, 'Unused', SEVERE, EXIT);
ERR (218, UNUERR218, 'Unused', SEVERE, EXIT);
ERR (219, UNUERR219, 'Unused', SEVERE, EXIT);
ERR (220, UNUERR220, 'Unused', SEVERE, EXIT);
ERR (221, UNUERR221, 'Unused', SEVERE, EXIT);
ERR (222, UNUERR222, 'Unused', SEVERE, EXIT);
ERR (223, UNUERR223, 'Unused', SEVERE, EXIT);
ERR (224, UNUERR224, 'Unused', SEVERE, EXIT);
ERR (225, UNUERR225, 'Unused', SEVERE, EXIT);
ERR (226, UNUERR226, 'Unused', SEVERE, EXIT);
```

ERR (227, STRTOOLON, 'String too long', ERROR, EXIT),

ERR (228, RECATTNOT, 'Record attributes not matched', ERROR, EXIT),

ERR (229, DIFUSELON, 'Differing use of LONG/WORD or SINGLE/DOUBLE qualifiers', SEVERE, EXIT),
                                !VAX/VMS
ERR (230, NO_FIEIMA, 'No fields in image', ERROR, EXIT),
                                !UNDOC
ERR (231, ILLSTRIMA, 'Illegal string image', ERROR, EXIT),
                                !UNDOC
ERR (232, NULIMA, 'Null image', ERROR, EXIT),
                                !UNDOC
ERR (233, ILLNUMIMA, 'Illegal numeric image', ERROR, EXIT),
                                !UNDOC
ERR (234, NUMIMASTR, 'Numeric image for string', ERROR, EXIT),
                                !UNDOC
ERR (235, STRIMANUM, 'String image for numeric', ERROR, EXIT),
                                !UNDOC
ERR (236, TIMLIMEXC, 'TIME limit exceeded', ERROR, EXIT),
                                !UNDOC
ERR (237, FIRARGSEG, 'First arg to SEG$ greater than second', ERROR, EXIT),
                                !UNDOC
ERR (238, ARRMUSSAM, 'Arrays must be same dimension', ERROR, EXIT),
                                ! CONFLICT WITH 239
ERR (239, ARRMUSSQU, 'Arrays must be square', ERROR, EXIT),
                                ! CONFLICT WITH 238
ERR (240, CANCHAARR, 'Cannot change array dimensions', ERROR, EXIT),
                                !UNDOC
ERR (241, FLOOVE, 'Floating overflow', ERROR, EXIT),
                                !UNDOC
ERR (242, FLOUND, 'Floating underflow', ERROR, EXIT),
                                !UNDOC
ERR (243, CHATO_NON, 'CHAIN to non-existent line number', ERROR, EXIT),

ERR (244, EXPERR, 'Exponentiation error', ERROR, EXIT),

ERR (245, ILLEXIDEF, 'Illegal exit from DEF*', SEVERE, EXIT),

ERR (246, ERRTRANEE, 'ERROR trap needs RESUME', SEVERE, EXIT),

ERR (247, ILLRESSUB, 'Illegal RESUME to subroutine', SEVERE, EXIT),

ERR (248, ILLRETSUB, 'Illegal return from subroutine', ERROR, EXIT),
                                !UNDOC
ERR (249, ARGOUTBOU, 'Argument out of bounds', ERROR, EXIT),
                                !UNDOC
ERR (250, NOTIMP, 'Not implemented', ERROR, EXIT),

ERR (251, RECSUBCAL, 'Recursive subroutine call', ERROR, EXIT),

ERR (252, FILACPFAI, 'FILE ACP failure', ERROR, EXIT),

ERR (253, DIRERR, 'Directive error', ERROR, EXIT),

ERR (254, UNUERR254, 'Unused', SEVERE, EXIT),

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    ERR (255, UNUERR255, 'Unused', SEVERE, EXIT)
%;
!       End of file BASERRMSG.REQ
```

BASERRMSG
REQ

BASFRAME
REQ

BASOPN
REQ

BPAFSBDEF
REQ

BPASTRUCT
REQ

BPADABDEF
REQ

BPAXRBDEF
REQ

BPAERRDEF
REQ

BPAFUNDEF
REQ

BASINARG
REQ

BASBUFSIZ
LIS

MATRIX
MAR

BASIOERR
REQ

BASCB
LIS

BPAFQBDEF
REQ

BASRTL2
MAP

BASPAR
SDL

BASLNK
REQ

BPAMSGDEF
REQ

BASRTL

BASRTL
MAP

BASCANTYP
LIS