```
DDDDDDDDDDD   EEEEEEEEEEEEEEEE  BBBBBBBBBBBBB   UUU        UUU   GGGGGGGGGGGG
DDDDDDDDDDDD  EEEEEEEEEEEEEEEE  BBBBBBBBBBBBB   UUU        UUU   GGGGGGGGGGGG
DDDDDDDDDDDD  EEEEEEEEEEEEEEEE  BBBBBBBBBBBBB   UUU        UUU   GGGGGGGGGGGG
DDD      DDD  EEE               BBB       BBB   UUU        UUU   GGG
DDD      DDD  EEE               BBB       BBB   UUU        UUU   GGG
DDD      DDD  EEE               BBB       BBB   UUU        UUU   GGG
DDD      DDD  EEE               BBB       BBB   UUU        UUU   GGG
DDD      DDD  EEE               BBB       BBB   UUU        UUU   GGG
DDD      DDD  EEE               BBB       BBB   UUU        UUU   GGG
DDD      DDD  EEEEEEEEEEEEE      BBBBBBBBBBBBB   UUU        UUU   GGG
DDD      DDD  EEEEEEEEEEEEE      BBBBBBBBBBBBB   UUU        UUU   GGG
DDD      DDD  EEEEEEEEEEEEE      BBBBBBBBBBBBB   UUU        UUU   GGG
DDD      DDD  EEE               BBB       BBB   UUU        UUU   GGG   GGGGGGGGG
DDD      DDD  EEE               BBB       BBB   UUU        UUU   GGG   GGGGGGGGG
DDD      DDD  EEE               BBB       BBB   UUU        UUU   GGG   GGGGGGGGG
DDD      DDD  EEE               BBB       BBB   UUU        UUU   GGG         GGG
DDD      DDD  EEE               BBB       BBB   UUU        UUU   GGG         GGG
DDD      DDD  EEE               BBB       BBB   UUU        UUU   GGG         GGG
DDDDDDDDDDDD  EEEEEEEEEEEEEEEE   BBBBBBBBBBBBB   UUUUUUUUUUUUUUU     GGGGGGGGG
DDDDDDDDDDDD  EEEEEEEEEEEEEEEE   BBBBBBBBBBBBB   UUUUUUUUUUUUUUU     GGGGGGGGG
DDDDDDDDDDDD  EEEEEEEEEEEEEEEE   BBBBBBBBBBBBB   UUUUUUUUUUUUUUU     GGGGGGGGG
```

```
DDDDDDD    BBBBBBBB    GGGGGGGG  MM      MM   SSSSSSSS    GGGGGGGG
DDDDDDD    BBBBBBBB    GGGGGGGG  MM      MM   SSSSSSSS    GGGGGGGG
DD     DD  BB     BB  GG         MMMM  MMMM  SS          GG
DD     DD  BB     BB  GG         MMMM  MMMM  SS          GG
DD     DD  BB     BB  GG         MM  MM  MM  SS          GG
DD     DD  BB     BB  GG         MM  MM  MM  SS          GG
DD     DD  BBBBBBBB   GG         MM      MM     SSSSSS   GG
DD     DD  BBBBBBBB   GG         MM      MM     SSSSSS   GG
DD     DD  BB     BB  GG  GGGGG  MM      MM         SS   GG  GGGGGG
DD     DD  BB     BB  GG  GGGGG  MM      MM         SS   GG  GGGGGG
DD     DD  BB     BB  GG     GG  MM      MM         SS   GG     GG    ....
DD     DD  BB     BB  GG     GG  MM      MM         SS   GG     GG    ....
DDDDDDD    BBBBBBBB    GGGGGG    MM      MM   SSSSSSSS    GGGGGG       ....
DDDDDDD    BBBBBBBB    GGGGGG    MM      MM   SSSSSSSS    GGGGGG       ....


LL            IIIIII     SSSSSSSS
LL            IIIIII     SSSSSSSS
LL              II     SS
LL              II     SS
LL              II     SS
LL              II     SS
LL              II       SSSSSS
LL              II       SSSSSS
LL              II            SS
LL              II            SS
LL              II            SS
LL              II            SS
LLLLLLLLLL    IIIIII   SSSSSSSS
LLLLLLLLLL    IIIIII   SSSSSSSS
```

```
0001  0      LIBRARY 'SYS$LIBRARY:LIB.L32';
0002  0      !       Version V04-001
0003  0      !
0004  0      !********************************************************************
0005  0      !*                                                                  *
0006  0      !*      COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                     *
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0022  0      !*      SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.     *
0023  0      !*                                                                  *
0024  0      !*                                                                  *
0025  0      !********************************************************************
0026  0      !
0027  0      ! The following get translated by MDL into a bunch of MACROs and LITERALs
0028  0      ! in the REQUIRE file LIB$:DBGMSG.REQ and in the MACRO library LIB$:D.MLB
0029  0      ! These macros (which are actually field definitions in macro form) and
0030  0      ! literal constants are still used in a number of places in DEBUG.
0031  0      ! Eventually it might be nice to get all of these into the common require
0032  0      ! file DBGLIB.REQ and leave only error messages in DBGMSG.MDL.
0033  0      !
0034  0      !...$DBGDEF
0035  0      !
0036  0      ! DEBUG definitions that describe the context of the user's run frame.
0037  0      !
0038  0      MACRO           DBG$L_NEXT_LINK = 0,0,32,0%;
0039  0      MACRO           DBG$L_USER_REGS = 4,0,0,0%;
0040  0      LITERAL         DBG$S_USER_REGS = 68;
0041  0      MACRO           DBG$L_USER_R0   = 4,0,32,0%;
0042  0      MACRO           DBG$L_USER_R1   = 8,0,32,0%;
0043  0      MACRO           DBG$L_USER_R2   = 12,0,32,0%;
0044  0      MACRO           DBG$L_USER_R3   = 16,0,32,0%;
0045  0      MACRO           DBG$L_USER_R4   = 20,0,32,0%;
0046  0      MACRO           DBG$L_USER_R5   = 24,0,32,0%;
0047  0      MACRO           DBG$L_USER_R6   = 28,0,32,0%;
0048  0      MACRO           DBG$L_USER_R7   = 32,0,32,0%;
0049  0      MACRO           DBG$L_USER_R8   = 36,0,32,0%;
0050  0      MACRO           DBG$L_USER_R9   = 40,0,32,0%;
0051  0      MACRO           DBG$L_USER_R10  = 44,0,32,0%;
0052  0      MACRO           DBG$L_USER_R11  = 48,0,32,0%;
0053  0      MACRO           DBG$L_USER_AP   = 52,0,32,0%;
0054  0      MACRO           DBG$L_USER_FP   = 56,0,32,0%;
0055  0      MACRO           DBG$L_USER_SP   = 60,0,32,0%;
0056  0      MACRO           DBG$L_USER_PC   = 64,0,32,0%;
0057  0      MACRO           DBG$B_USER_OPCO = 64,0,8,0%;
```

```
     0058  0     MACRO          DBG$L_USER_PSL   = 68,0,32,0%;
     0059  0
     0060  0
     0061  0     MACRO          DBG$V_TBIT       = 68,4,1,0%;
     0062  0     LITERAL        DBG$M_TBIT       = 1^5 - 1^4;
     0063  0
     0064  0     MACRO          DBG$W_RUN_STAT   = 72,0,16,0%;
     0065  0
     0066  0     MACRO          DBG$V_AT_BREAK   = 72,0,1,0%;
     0067  0     LITERAL        DBG$M_AT_BREAK   = 1^1 - 1^0;
     0068  0     MACRO          DBG$V_STAR_PROG  = 72,1,1,0%;
     0069  0     LITERAL        DBG$M_STAR_PROG  = 1^2 - 1^1;
     0070  0     MACRO          DBG$V_TRACE_ALL  = 72,2,1,0%;
     0071  0     LITERAL        DBG$M_TRACE_ALL  = 1^3 - 1^2;
     0072  0     MACRO          DBG$V_STEPPING   = 72,3,1,0%;
     0073  0     LITERAL        DBG$M_STEPPING   = 1^4 - 1^3;
     0074  0     MACRO          DBG$V_AT_TRACE   = 72,4,1,0%;
     0075  0     LITERAL        DBG$M_AT_TRACE   = 1^5 - 1^4;
     0076  0     MACRO          DBG$V_ENAB_AST   = 72,5,1,0%;
     0077  0     LITERAL        DBG$M_ENAB_AST   = 1^6 - 1^5;
     0078  0     MACRO          DBG$V_IN_A_BPT   = 72,6,1,0%;
     0079  0     LITERAL        DBG$M_IN_A_BPT   = 1^7 - 1^6;
     0080  0     MACRO          DBG$V_TBIT_OK    = 72,7,1,0%;
     0081  0     LITERAL        DBG$M_TBIT_OK    = 1^8 - 1^7;
     0082  0     MACRO          DBG$V_IN_A_WPT   = 72,8,1,0%;
     0083  0     LITERAL        DBG$M_IN_A_WPT   = 1^9 - 1^8;
     0084  0     MACRO          DBG$V_REAL_WPT   = 72,9,1,0%;
     0085  0     LITERAL        DBG$M_REAL_WPT   = 1^10 - 1^9;
     0086  0     MACRO          DBG$V_STEP_OVER  = 72,10,1,0%;
     0087  0     LITERAL        DBG$M_STEP_OVER  = 1^11 - 1^10;
     0088  0     MACRO          DBG$V_ENAB_FEX   = 72,11,1,0%;
     0089  0     LITERAL        DBG$M_ENAB_FEX   = 1^12 - 1^11;
     0090  0     MACRO          DBG$V_AT_STEP_END      = 72,12,1,0%;
     0091  0     LITERAL        DBG$M_AT_STEP_END      = 1^13 - 1^12;
     0092  0     MACRO          DBG$V_AT_FAULT   = 72,13,1,0%;
     0093  0     LITERAL        DBG$M_AT_FAULT   = 1^14 - 1^13;
     0094  0
     0095  0     MACRO          DBG$L_BPT_PC     = 74,0,32,0%;
     0096  0     MACRO          DBG$L_FRAME_PTR  = 78,0,32,0%;
     0097  0     MACRO          DBG$L_CALL_ADDR  = 82,0,32,0%;
     0098  0     MACRO          DBG$L_WATCHPT    = 86,0,32,0%;
     0099  0     MACRO          DBG$L_WATCHPTEN  = 90,0,32,0%;
     0100  0     MACRO          DBG$B_PREV_PRO1  = 94,0,8,0%;
     0101  0     MACRO          DBG$B_PREV_PRO2  = 95,0,8,0%;
     0102  0     MACRO          DBG$B_BPT_INS    = 96,0,8,0%;
     0103  0     MACRO          DBG$L_SAVE_FLD   = 97,0,32,0%;
     0104  0     LITERAL        DBG$C_RUNFR_LEN  = 101;
     0105  0     LITERAL        DBG$K_RUNFR_LEN  = 101;
     0106  0
     0107  0     LITERAL
P    0108  0     $EQULST (DBG$K_,GBL,0,1
P    0109  0             ,(MODE,)
P    0110  0             ,(TRACE,)
P    0111  0             ,(BREAK,)
P    0112  0             ,(SET_BREAK,)
P    0113  0             ,(LANGUAGE,)
P    0114  0             ,(CANCEL,)
```

```
P 0115  0                   .(EXAMINE,)
P 0116  0                   .(OVERRIDE,)
P 0117  0                   .(TRCE_CALL,)
P 0118  0                   .(ALL,)
P 0119  0                   .(RESIGNAL,)
P 0120  0                   .(SCOPE,)
P 0121  0                   .(MODULE,)
P 0122  0                   .(TRACEBACK,)
P 0123  0                   .(WATCH,)
P 0124  0                   .(STEP,)
P 0125  0                   .(ALL_BREAK,)
P 0126  0                   .(ALL_WATCH,)
P 0127  0                   .(ALL_TRACE,)
P 0128  0                   .(TRCE_BRCH,)
P 0129  0                   .(THREAD,)
P 0130  0                   .(OUTPUT,)
P 0131  0                   .(LOG,)
P 0132  0                   .(SOURCE,)
P 0133  0                   .(MAXFILES,)
P 0134  0                   .(MARGINS,)
P 0135  0                   .(SEARCH,)
  0136  0                   );
  0137  0           LITERAL        DBG$K_NO_RESET = 1;          ! don't reset protection after write
  0138  0           LITERAL        DBG$K_RESET_PRT = 2;         ! reset protection after write
  0139  0
  0140  0
  0141  0
  0142  0         ! This is where the error message definitions begin.
  0143  0         ! Error messages are assigned numbers as follows:
  0144  0         !     (Facility code)*65536 +
  0145  0         !     (Facility specific)*32768 +
  0146  0         !     (message number)*8 +
  0147  0         !     (severity code)
  0148  0         !
  0149  0         ! Thus
  0150  0         !     31           16   15           14           3 2          0
  0151  0         !     --------------------------------------------------------------
  0152  0         !     : facility code : facility specific : message number : severity code :
  0153  0         !     --------------------------------------------------------------
  0154  0         !
  0155  0         ! DEBUG's facility code is 2. Its facility specific bit is 1.
  0156  0         !
  0157  0         ! The messages which follow are in numerical order and are allocated in
  0158  0         ! bunches of messages of the same severity.
  0159  0         !
  0160  0         !
  0161  0         ! DEBUG success message
  0162  0         !
  0163  0         ! Facility = 2, facility-specific bit set, error level = 1,
  0164  0         ! only error id assigned to this level is 0.
  0165  0         ! (i.e. number 28001 hex or 163841 decimal)
  0166  0         !
  0167  0
  0168  0         LITERAL
P 0169  0         $EQULST (DBG$_,GBL,163841,8
P 0170  0                   .(NORMAL,)                  !
  0171  0                   );
```

```
:     0172  0
:     0173  0
:     0174  0        ! Informational messages
:     0175  0        !
:     0176  0        ! facility = 2, facility-specific bit set, error severity code = 3
:     0177  0        ! error id codes from 1 thru 25 assigned to this level.
:     0178  0        ! (i.e. numbers 2800B thru 280CB hex, 163851 thru 164043 decimal)
:     0179  0        !
:     0180  0        LITERAL
: P   0181  0        SEQULST (DBG$_,GBL,163851,8
: P   0182  0                .(INITIAL,)                     !MSG FAOCNT=2,<language is !AC, module set to '!AC'>
: P   0183  0                .(NOBREAKS,)            !MSG <no breakpoints are set>
: P   0184  0                .(NOSUCHBPT,)           !MSG <no such breakpoint>
: P   0185  0                .(NOSUCHTPT,)           !MSG <no such tracepoint>
: P   0186  0                .(NOSUCHWPT,)           !MSG <no such watchpoint>
: P   0187  0                .(NOTRACES,)            !MSG <no tracepoints are set, no opcode tracing>
: P   0188  0                .(NOWATCHES,)           !MSG <no watchpoints are set>
: P   0189  0                .(NUMTRUNC,)            !MSG <number truncated>
: P   0190  0                .(STGTRUNC,)            !MSG <string truncated>
: P   0191  0                .(NOLOCALS,)            !MSG <image does not contain local symbols>
: P   0192  0                .(NOTALLSYM,)           !MSG <cannot initialize symbols for default modules>
: P   0193  0                .(STEPINTO,)            !MSG FAOCNT=1,<cannot step over PC = !XL>
: P   0194  0                .(EXITSTATUS,)          !MSG FAOCNT=1,<is '!AC'>
: P   0195  0                .(SIZETRUNC,)           !MSG <size field truncated to 32 bits>
: P   0196  0                .(STRUCSIZE,)           !MSG FAOCNT=2,<structure size declared as !SL units, !SL was given>
: P   0197  0                .(OUTPUTLOST,)          !MSG <output being lost, both NOTERMINAL and NOLOG are in effect>
: P   0198  0                .(VERIFYICF,)           !MSG FAOCNT=2,<!AC indirect command file "'!AD'">
: P   0199  0                .(INSVIRMEM,)           !MSG <insufficient virtual memory for DEBUG memory pool>
: P   0200  0                .(INUMTRUNC,)           !MSG FAOCNT=1,<number truncated at or near '!AC'>
: P   0201  0                .(NOGLOBALS,)           !MSG <some or all global symbols not accessible>
: P   0202  0                .(ERRINSDEC,)           !MSG <error occurred while decoding instruction at current PC>
: P   0203  0                .(DEFKEY,)                      !MSG FAOCNT=2,<!AS key !AS has been defined>
: P   0204  0                .(DELKEY,)                      !MSG FAOCNT=2,<!AS key !AS has been deleted>
: P   0205  0                .(SETKEY,)                      !MSG FAOCNT=1,<keypad state has been set to !AS>
: P   0206  0                .(UNDKEY,)                      !MSG FAOCNT=2,<!AS key !AS is undefined>
:     0207  0                );
:     0208  0
:     0209  0        ! There are currently 0 free slots in the above table
:     0210  0
:     0211  0
:     0212  0        ! Warning messages
:     0213  0        !
:     0214  0        ! facility = 2, facility-specific bit set, error severity code = 0
:     0215  0        ! error id codes from 26 thru 49 assigned to this level.
:     0216  0        ! (i.e. numbers 280D0 thru 28188 hex, 164048 thru 164232 decimal)
:     0217  0        !
:     0218  0        LITERAL
: P   0219  0        SEQULST (DBG$_,GBL,164048,8
: P   0220  0                .(NEEDMORE,)            !MSG <unexpected end of command line>
: P   0221  0                .(SUBSTRING,)           !MSG FAOCNT=3,<invalid substring (!SL:!SL), was declared CHARACTER*!S
: P   0222  0                .(PARSTKOVR,)           !MSG <parse stack overflow, simplify expression>
: P   0223  0                .(ABORTED,)                     !MSG <command aborted by Control-Y>
: P   0224  0                .(ILLOFFSET,)           !MSG FAOCNT=1,<bit or byte offset value larger than 64K not suppo
: P   0225  0                .(ILLSUBLEN,)           !MSG <substring length larger than 64K not supported>
: P   0226  0                .(MODUSCOPE,)           !MSG FAOCNT=1,<a module name was expected! !AC not valid>
: P   0227  0                .(BASVARNOTSET,)           !MSG <base variable not set up yet>
: P   0228  0                .(DEFKEYERR,)           !MSG <error in processing DEFINE/KEY command:>
```

```
; P 0229  0            .(DELKEYERR,)              !MSG <error in processing DELETE/KEY command:>
; P 0230  0            .(SHOKEYERR,)              !MSG <error in processing SHOW KEY command:>
; P 0231  0            .(READERR,)                    !MSG <DEBUG input read error, force to exit>
; P 0232  0            .(PATHNOTACP,)             !MSG FAOCNT=1,<pathname qualifiers (!AC) not allowed in SHOW SYM
; P 0233  0            .(INPREADERR,)             !MSG <error reading input line:>
; P 0234  0            .(ILLSIGEXT,)              !MSG FAOCNT=1,<illegal sign extension field value '!SL'>
; P 0235  0            .(AMBIGQUAL,)              !MSG FAOCNT=1,<qualifier !AC is ambiguous>
; P 0236  0            .(SETKEYERR,)              !MSG <error in processing SET KEY command:>
; P 0237  0            .(CONFLICT,)               !MSG <illegal combination of command elements - check documentation>
; P 0238  0            .(STRTOOLONG,)             !MSG <strings longer than 255 characters not supported>
; P 0239  0            .(NOVALTYP,)               !MSG FAOCNT=1,<!AC does not have a value because it is a a type na
; P 0240  0            .(UNALLOCATED,)                !MSG FAOCNT=1,<variable !AC was not allocated in memory>
;   0241  0            );
;   0242  0
;   0243  0    ! There are currently 4 free slots in the above table (codes 38-49)
;   0244  0
;   0245  0
;   0246  0    ! Error messages
;   0247  0    !
;   0248  0    ! Facility = 2, facility-specific bit set, error severity code = 2
;   0249  0    ! error codes from 50 thru 99 assigned to this level.
;   0250  0    ! (i.e. numbers 28190 thru 28318 hex, 164240 thru 164632 decimal)
;   0251  0
;   0252  0    LITERAL
; P 0253  0    $EQULST (DBG$_,GBL,164240,8
; P 0254  0            .(EXARANGE,)               !MSG <invalid range of addresses>
; P 0255  0            .(INVARRDSC,)              !MSG <invalid array descriptor>
; P 0256  0            .(INVCHAR,)                    !MSG <invalid character>
; P 0257  0            .(NOTASTRUCT,)             !MSG FAOCNT=1,<!AC was not declared as a structure>
; P 0258  0            .(INVNUMBER,)              !MSG FAOCNT=1,<invalid numeric string '!AS'>
; P 0259  0            .(NOTLINBND,)              !MSG <program is not at a line boundary>
; P 0260  0            .(NOCALLS,)                    !MSG <no active call frames>
; P 0261  0            .(NOINSTRAN,)              !MSG FAOCNT=1,<cannot translate opcode at location !XL>
; P 0262  0            .(NOEND,)                      !MSG FAOCNT=2,<string beginning with "!AS" is missing end delimiter !AD>
; P 0263  0            .(BADSCOPE,)               !MSG FAOCNT=1,<invalid pathname !AC, SCOPE not changed >
; P 0264  0            .(BADSTARTPC,)             !MSG FAOCNT=1,<cannot access start PC = !XL>
; P 0265  0            .(NOSUCHMODU,)             !MSG FAOCNT=1,<module '!AC' is not in module chain>
; P 0266  0            .(NOUNIQUE,)               !MSG FAOCNT=1,<symbol '!AC' is not unique>
; P 0267  0            .(NOSYMBOL,)               !MSG FAOCNT=1,<symbol '!AC' is not in the symbol table>
; P 0268  0            .(PATHTLONG,)              !MSG <too many qualifiers on name>
; P 0269  0            .(BADOPCODE,)              !MSG FAOCNT=1,<opcode '!AD' is unknown>
; P 0270  0            .(OPSYNTAX,)               !MSG FAOCNT=1,<instruction operand syntax error for operand number !SL
; P 0271  0            .(NODELIMTR,)              !MSG <missing or invalid instruction operand delimiter>
; P 0272  0            .(NOACCESSW,)              !MSG FAOCNT=1,<no write access to virtual address !XL>
; P 0273  0            .(NOACCESSR,)              !MSG FAOCNT=1,<no read access to virtual address !XL>
; P 0274  0            .(BADWATCH,)               !MSG FAOCNT=1,<cannot watch protect address !XL>
; P 0275  0            .(SYNTAX,)                     !MSG FAOCNT=1,<command syntax error at or near '!AS'>
; P 0276  0            .(DIVBYZERO,)              !MSG <attempted to divide by zero>
; P 0277  0            .(BITRANGE,)               !MSG <bit range out of limits>
; P 0278  0            .(NOTIMPLAN,)              !MSG FAOCNT=1,<!AC is not implemented at command level>
; P 0279  0            .(LASTCHANCE,)             !MSG <stack exception handlers lost, re-initializing stack>
; P 0280  0            .(PLICVTERR,)              !MSG FAOCNT=1,<PLI conversion error at or near '!AC'>
; P 0281  0            .(INCOMPOPR,)              !MSG FAOCNT=1,<operand number !SL incomplete>
; P 0282  0            .(PCNOTALL,)               !MSG FAOCNT=1,<PC not allowed in context for operand number !SL>
; P 0283  0            .(REGREQ,)                     !MSG FAOCNT=1,<register required in context for operand number !SL>
; P 0284  0            .(INDBASEQL,)              !MSG FAOCNT=1,<index and base registers are equal for operand number
; P 0285  0            .(BWLGISMUS,)              !MSG FAOCNT=1,<B, W, L, G, I, or S must preceed ^ for operand number
```

```
P 0286  0             .(INVEXPR,)                    !MSG FAOCNT=1,<invalid expression for operand number !SL>
P 0287  0             .(INVNUMSTR,)          !MSG FAOCNT=1,<invalid numeric string at or near '!AC'>
P 0288  0             .(DELTIMTOO,)          !MSG FAOCNT=1,<delta time too large>
P 0289  0             .(NOTUNQOVR,)          !MSG FAOCNT=1,<symbol '!AC' is overloaded !/   use SHOW SYMBOL to find
  0290  0             );
  0291  0
  0292  0      ! There are 15 free slots in the above table
  0293  0
  0294  0
  0295  0      ! Error messages
  0296  0      !
  0297  0      ! Facility = 2, facility-specific bit set, error severity code = 2
  0298  0      ! error id codes from 100 thru 149 assigned to this level.
  0299  0      ! (i.e. numbers 28322 thru 284AA hex, 164642 thru 165034 decimal)
  0300  0      !
  0301  0      LITERAL
  0302  0      $EQULST (DBG$_,GBL,164642,8
P 0303  0             .(DBGERR,)                     !MSG <internal DEBUG coding error>
P 0304  0             .(INVDSTREC,)          !MSG <invalid DST record>
P 0305  0             .(NOFREE,)                 !MSG <no free storage available>
P 0306  0             .(RSTERR,)                 !MSG <error in symbol table>
P 0307  0             .(DBGNULL1,)           !MSG <this slot is available for use>
P 0308  0             .(NORSTBLD,)           !MSG <cannot build symbol table>
P 0309  0             .(SUPERDEBUG,)         !MSG <SUPERDEBUG not available>
P 0310  0             .(INVGSTREC,)          !MSG <invalid GST record>
P 0311  0             .(INTERR,)                 !MSG FAOCNT=1,<internal DEBUG error in !AC>
P 0312  0             .(NOSTEPGO,)           !MSG <no STEP, GO, or CALL commands allowed in screen displays>
P 0313  0             .(DISPEXISTS,)         !MSG FAOCNT=1,<display !AC exists already! cannot be set unless canc
P 0314  0             .(BADSTKMAC,)          !MSG <error in DST: invalid continuation pointer in stack machine
  0315  0             );
  0316  0
  0317  0      ! There are currently 38 free slots in the above table (codes 113-149)
  0318  0
  0319  0
  0320  0      ! Fatal messages
  0321  0      !
  0322  0      ! Facility = 2, facility-specific bit set, error severity code = 4
  0323  0      ! error id codes from 150 to 199 assigned to this level.
  0324  0      ! (i.e. numbers 284B4 to 2863C hex, 165044 to 165436 decimal)
  0325  0      !
  0326  0      LITERAL
P 0327  0      $EQULST (DBG$_,GBL,165044,8
P 0328  0             .(NOWBPT,)                     !MSG <cannot insert breakpoint>
P 0329  0             .(NOWOPCO,)                !MSG <cannot replace breakpoint with opcode>
P 0330  0             .(NOWPROT,)                !MSG <cannot set protection>
  0331  0             );
  0332  0
  0333  0      ! There are currently 47 free slots in the above table (codes 153-199)
  0334  0
  0335  0
  0336  0      ! Informational messages
  0337  0      !
  0338  0      ! Facility = 2, facility-specific bit set, error severity code = 3
  0339  0      ! error id codes from 200 thru 249 assigned to this level.
  0340  0      ! (i.e. 165443 thru 165835 decimal)
  0341  0      !
  0342  0      LITERAL
```

```
P 0343  0        SEQULST (DBG$ ,GBL,165443,8
P 0344  0            ,(MISMODBEG,)          !MSG <missing Module-Begin record in DST (compiler error)>
P 0345  0            ,(MISMODEND,)          !MSG FAOCNT=1,<missing Module-End in DST for !AC (compiler error)>
P 0346  0            ,(TOOMANERR,)          !MSG <too many errors, some errors not reported>
P 0347  0            ,(NONEWVAL,)           !MSG FAOCNT=0,<cannot retain new value, '\' lost>
P 0348  0            ,(NONEWCUR,)           !MSG FAOCNT=0,<cannot retain new address, '.' lost>
P 0349  0            ,(STRNGPAD,)           !MSG FAOCNT=0,<string operand lengths don't match, shorter padded with
P 0350  0            ,(NOTORIGSRC,)         !MSG FAOCNT=1,<original version of source file not found!!/     file use
P 0351  0            ,(NONUMSCOPE,)         !MSG FAOCNT=1,<scope does not exist or is not in set module: !UL
P 0352  0            ,(UNAOPNINI,)          !MSG FAOCNT=1,<unable to open initialization file !AS>
P 0353  0            ,(SUBOUTBND,)          !MSG FAOCNT=4,<subscript !SL is out of bounds! value is !SL, bounds a
P 0354  0            ,(BADFRAME,)           !MSG FAOCNT=0,<bad frame pointer or bad frame in call stack>
P 0355  0            ,(IFLTUND,)                !MSG FAOCNT=1,<floating underflow at or near '!AC'>
P 0356  0            ,(IINTOVF,)                !MSG FAOCNT=1,<integer overflow at or near '!AC'>
P 0357  0            ,(ISTRTRU,)                !MSG FAOCNT=1,<string truncated at or near '!AC'>
P 0358  0            ,(NOTDEFINE,)          !MSG FAOCNT=1,<!AC was not defined>
P 0359  0            ,(SYMNOTFND,)          !MSG FAOCNT=1,<no symbols matching !AC are defined>
P 0360  0            ,(LOOPVAR,)                !MSG FAOCNT=1,<loop var !AC has been redefined! exiting for loop>
P 0361  0            ,(ENUMRANGE,)          !MSG <enumeration value out of range>
P 0362  0            ,(RETURNED,)           !MSG FAOCNT=1,<control returned to process !AD>
P 0363  0            ,(NOSPAWNI,)           !MSG <spawn command failed>
P 0364  0            ,(SETMODU,)                !MSG <set module command has completed>
P 0365  0            ,(INVDMTPTR,)          !MSG <invalid DMT pointer! internal linker or DEBUG error>
P 0366  0            ,(SPAWNED,)                !MSG <subprocess spawned>
P 0367  0            ,(ATTACHED,)           !MSG FAOCNT=1,<terminal now attached to process !AC>
P 0368  0            ,(LINEINFO,)           !MSG FAOCNT=1,<!AC>
P 0369  0            ,(SCALEADD,)           !MSG FAOCNT=2,<pointer addition: scale factor of !UL applied to !A
P 0370  0            ,(SCALESUB,)           !MSG FAOCNT=2,<pointer subtraction: scale factor of !UL applied to
P 0371  0            ,(BADTAGVAL,)          !MSG FAOCNT=2,<incorrect value of !UL in tag field '!AC'.>
P 0372  0            ,(CPREINCR,)           !MSG <side effect on pre-increment operation not performed>
P 0373  0            ,(CPOSTINCR,)          !MSG <side effect on post-increment operation not performed>
P 0374  0            ,(CPREDECR,)           !MSG <side effect on pre-decrement operation not performed>
P 0375  0            ,(CPOSTDECR,)          !MSG <side effect on post-decrement operation not performed>
P 0376  0            ,(NEEDPAREN,)          !MSG <parenthesis required in THEN, ELSE, and DO clauses>
P 0377  0            ,(IVALOUTBNDS,)            !MSG FAOCNT=1,<value assigned is out of bounds at or near '!AC'>
P 0378  0            ,(ADDRESSMODE,)            !MSG <instruction uses illegal or undefined addressing modes>
P 0379  0            ,(ZERLENDST,)          !MSG <zero length DST record has been ignored (compiler error)>
P 0380  0            ,(NOKEYPAD,)           !MSG <unable to set up keypad definitions>
P 0381  0            ,(IQUADOVF,)           !MSG FAOCNT=1,<quadword overflow at or near '!AC'>
P 0382  0            ,(IOCTAOVF,)           !MSG FAOCNT=1,<octaword overflow at or near '!AC'>
P 0383  0            ,(KEYPADV4,)           !MSG <version V04-000 of VMS required for keypad input>
P 0384  0            ,(CONFROMEXC,)         !MSG <warning: you are continuing from a severe error>
P 0385  0            ,(IFIXUND,)                !MSG <precision lost during fixed point operation>
P 0386  0            ,(SS_INT,)
P 0387  0            ,(ERRSHRNAM,)          !MSG FAOCNT=1,<internal error during initialization, SHARE$xxx sy
P 0388  0            ,(NOTATMAIN,)          !MSG <type GO to get to start of main program>
P 0389  0            ,(SUBSCRNG,)           !MSG FAOCNT=3,<subscript out of range, !AC bound for dimension !UL is
P 0390  0            ,(ZEROINCR,)           !MSG <increment for ranged examine is zero! exit-ing loop>
  0391  0            );
  0392  0
  0393  0        ! There are currently 2 free slots in the above table
  0394  0
  0395  0
  0396  0        ! Warning messages
  0397  0        !
  0398  0        ! Facility = 2, facility-specific bit set, error severity code = 0
  0399  0        ! error id codes from 250 thru 299 assigned to this level.
```

```
  0400  0     ! (i.e. 165840 thru 166232 decimal)
  0401  0     !
  0402  0     LITERAL
P 0403  0     SEQULST (DBG$_,GBL,165840,8
P 0404  0             ,(UNMTCHPARN,)          !MSG FAOCNT=0,<unmatched left parenthesis found>
P 0405  0             ,(ILLTYPE,)                !MSG FAOCNT=0,<illegal type of operand(s)>
P 0406  0             ,(NOLASTVAL,)           !MSG FAOCNT=0,<last value is not defined>
P 0407  0             ,(NOTARRAY,)            !MSG FAOCNT=0,<type of variable is not array>
P 0408  0             ,(NOTPTR,)                 !MSG FAOCNT=0,<variable must be of pointer or file type>
P 0409  0             ,(NOVALUE,)                !MSG FAOCNT=0,<reference does not have a value>
P 0410  0             ,(UNIMPLENT,)           !MSG FAOCNT=0,<attempt to evaluate unimplemented type>
P 0411  0             ,(NOCURLOC,)            !MSG FAOCNT=0,<current location not defined>
P 0412  0             ,(NOPRED,)                 !MSG FAOCNT=0,<logical predecessor not defined>
P 0413  0             ,(NOSUCC,)                 !MSG FAOCNT=0,<logical successor not defined>
P 0414  0             ,(BADTARGET,)           !MSG FAOCNT=0,<target location protected, cannot perform deposit>
P 0415  0             ,(ILLPACSIZ,)           !MSG FAOCNT=1,<illegal packed size !SL! must be 0..31>
P 0416  0             ,(PACSIZREQ,)           !MSG FAOCNT=0,<packed size required>
P 0417  0             ,(INVARGLIS,)           !MSG FAOCNT=1,<invalid argument list for "!AC">
P 0418  0             ,(ILLENUMVAL,)          !MSG FAOCNT=0,<enumeration value out of legal range>
P 0419  0             ,(CMPNOTFND,)           !MSG FAOCNT=0,<specified component not found in this type>
P 0420  0             ,(INVARRDIM,)           !MSG FAOCNT=0,<array dimension is out of range>
  0421  0             );
  0422  0
  0423  0     ! There are 35 free slots in the above table
  0424  0
  0425  0
  0426  0     ! Error messages
  0427  0     !
  0428  0     ! Facility = 2, facility-specific bit set, error severity code = 2
  0429  0     ! error id codes from 300 thru 349 assigned to this level.
  0430  0     ! (i.e. 166242 thru 166634 decimal)
  0431  0     !
  0432  0     LITERAL
P 0433  0     SEQULST (DBG$_,GBL,166242,8
P 0434  0             ,(DSTNESDEP,)           !MSG FAOCNT=1,<DST nesting depth too deep in module !AC>
P 0435  0             ,(INCDSTNES,)           !MSG FAOCNT=1,<incorrect DST nesting in module !AC, compiler error>
P 0436  0             ,(NOSCOPE,)                !MSG FAOCNT=1,<no scope exists to look up line !SL>
P 0437  0             ,(INVDIRNAM,)           !MSG FAOCNT=1,<invalid directory name: !AC>
P 0438  0             ,(IDENTLONG,)           !MSG <identifier too long, please shorten>
P 0439  0             ,(ILLPATHELEM,)            !MSG FAOCNT=1,<illegal pathname element at '!AC'>
P 0440  0             ,(INVCHRCON,)           !MSG <invalid character constant in expression>
P 0441  0             ,(INVOPADDR,)           !MSG FAOCNT=1,<invalid operator "!AC" in address expression>
P 0442  0             ,(INVOPSYM,)            !MSG FAOCNT=1,<invalid operator symbol "!AC" in expression>
P 0443  0             ,(MISINVOPER,)          !MSG FAOCNT=1,<missing or invalid operator at "!AC">
P 0444  0             ,(MISOPEMIS,)           !MSG FAOCNT=1,<misplaced operator or missing operand at "!AC'">
P 0445  0             ,(NAMSTRMIS,)           !MSG <name string missing or invalid in %NAME construct>
P 0446  0             ,(NUMCONLONG,)          !MSG <numeric constant too long, please shorten>
P 0447  0             ,(OPNOTALLOW,)          !MSG FAOCNT=1,<operator "!AC" not allowed on given data types>
P 0448  0             ,(PATHTOOLONG,)            !MSG FAOCNT=1,<pathname too long at '!AC'>
P 0449  0             ,(QUOSTRLONG,)          !MSG <quoted string too long, please shorten>
P 0450  0             ,(SYNERRFXPR,)          !MSG FAOCNT=1,<syntax error in expression at or near "!AC'>
P 0451  0             ,(SYNERRLABEL,)            !MSG <syntax error in %LABEL construct, see HELP %LABEL>
P 0452  0             ,(SYNERRLINE,)          !MSG <syntax error in %LINE construct, see HELP %LINE>
P 0453  0             ,(UNBPAREN,)            !MSG <unbalanced parentheses in expression>
P 0454  0             ,(FLTOVF,)                 !MSG FAOCNT=1,<floating overflow at or near '!AC'>
P 0455  0             ,(ROPRANDF,)            !MSG FAOCNT=1,<reserved operand fault at or near '!AC'>
P 0456  0             ,(TOOMANINV,)           !MSG <too many invocation numbers in symbol pathname>
```

```
: P 0457  0              .(NOSPAWN,)                    !MSG <spawn command failed>
: P 0458  0              .(NOATTACH,)                   !MSG <attach command failed>
: P 0459  0              .(GETJPI,)                     !MSG <GETJPI system service failed, unable to attach>
: P 0460  0              .(VARNESDEP,)                  !MSG <variant nesting depth exceeds 20, cannot access record componen
: P 0461  0              .(DECOVF,)                     !MSG FAOCNT=1,<decimal overflow at or near '!AC'>
: P 0462  0              .(DECROPRAND,)                 !MSG <illegal packed or decimal string value (Reserved Operand fault
: P 0463  0              .(NOWATAGGR,)                  !MSG <watchpoints on entire records or arrays are not supported>
: P 0464  0              .(WATCHSIZE,)                  !MSG <cannot WATCH variables longer than 512 bytes>
: P 0465  0              .(INTOVF,)                     !MSG FAOCNT=1,<integer overflow at or near '!AC'>
: P 0466  0              .(NOSUCHDISP,)                 !MSG FAOCNT=1,<no such display defined: !AC>
: P 0467  0              .(NOSUCHWIND,)                 !MSG FAOCNT=1,<no such window defined: !AC>
: P 0468  0              .(INVDSPSIZ,)                  !MSG FAOCNT=1,<invalid display size: !SL>
: P 0469  0              .(NOSCROLL,)                   !MSG <no scrolling display selected or missing display name>
: P 0470  0              .(NAMTOOLONG,)                 !MSG FAOCNT=1,<name is too long: !AC>
: P 0471  0              .(SETSCOMOD,)                  !MSG FAOCNT=1,<syntax error at !AC, SET SCOPE/MODULE expected>
: P 0472  0              .(DISNOTSEL,)                  !MSG <display not selected because removed from screen>
: P 0473  0              .(INVSELDIS,)                  !MSG FAOCNT=1,<invalid selection of display !AC! wrong display kind>
: P 0474  0              .(INVWINPAR,)                  !MSG FAOCNT=1,<invalid window parameter: !SL>
: P 0475  0              .(INVDIGDEC,)                  !MSG FAOCNT=1,<invalid digit in decimal number: !AD>
: P 0476  0              .(INVDIGBIN,)                  !MSG FAOCNT=1,<invalid digit in binary number: !AD>
: P 0477  0              .(INVDIGHEX,)                  !MSG FAOCNT=1,<invalid digit in hexidecimal number: !AD>
: P 0478  0              .(INVDIGOCT,)                  !MSG FAOCNT=1,<invalid digit in octal number: !AD>
:   0479  0              );
:   0480  0
:   0481  0      ! There are currently 6 free slots in the above table (codes 341-348)
:   0482  0
:   0483  0
:   0484  0      ! Fatal messages
:   0485  0      !
:   0486  0      ! Facility = 2, facility-specific bit set, error severity code = 4
:   0487  0      ! error id codes from 350 to 399 are assigned to this level.
:   0488  0      ! (i.e. 166644 to 167036 decimal)
:   0489  0      !
:   0490  0      LITERAL
: P 0491  0      $EQULST (DBG$_,GBL,166644,8
: P 0492  0              .(INTMEMERR,)                  !MSG FAOCNT=1,<internal memory-pool error at location !XL>
:   0493  0              );
:   0494  0
:   0495  0      ! There are currently 49 free slots in the above table (codes 353-399)
:   0496  0
:   0497  0
:   0498  0      ! Warning messages
:   0499  0      !
:   0500  0      ! Facility = 2, facility-specific bit set, error severity code = 0
:   0501  0      ! error id codes from 400 to 449 are assigned this level.
:   0502  0      ! (i.e. 167040 to 167432 decimal)
:   0503  0      !
:   0504  0      LITERAL
: P 0505  0      $EQULST (DBG$_,GBL,167040,8
: P 0506  0              .(NOFIELD,)                    !MSG FAOCNT=1,<'!AC' is not a field in this record>
: P 0507  0              .(SYMNOTACT,)                  !MSG FAOCNT=1,<symbol !AC not active or not in active scope>
: P 0508  0              .(MISINVNUM,)                  !MSG FAOCNT=1,<misplaced invocation number in !AC>
: P 0509  0              .(ACCADDCOM,)                  !MSG FAOCNT=1,<access violation in address computation for !AC>
: P 0510  0              .(VALNOTADDR,)                 !MSG FAOCNT=1,<value of variable '!AC' not usable as address>
: P 0511  0              .(NOWATTAR,)                   !MSG FAOCNT=0,<cannot watch-protect target>
: P 0512  0              .(PROFRANOT,)                  !MSG FAOCNT=1,<proper frame not found on call stack for !AC>
: P 0513  0              .(SRCLINNOT,)                  !MSG FAOCNT=1,<source lines not available for module '!AC'>
```

```
; P 0514   0              .(INVSRCLIN,)          !MSG FAOCNT=0,<invalid source line range>
; P 0515   0              .(INVNUMSRC,)          !MSG FAOCNT=0,<invalid number of source files>
; P 0516   0              .(NOSRCLIN,)           !MSG FAOCNT=1,<no source line for address !XL>
; P 0517   0              .(ADDRANCOV,)          !MSG FAOCNT=4,<address range covers more than one module!/      !XL is in
; P 0518   0              .(NONXTLIN,)           !MSG FAOCNT=0,<next line for source display not defined>
; P 0519   0              .(NODIRLISM,)          !MSG FAOCNT=1,<no source directory list in effect for !AC>
; P 0520   0              .(NODIRLIST,)          !MSG FAOCNT=0,<no source directory list in effect>
; P 0521   0              .(UNAOPNSRC,)          !MSG FAOCNT=1,<unable to open source file !AD>
; P 0522   0              .(UNAREASRC,)          !MSG FAOCNT=1,<unable to read source file !AD>
; P 0523   0              .(UNALIGNED,)          !MSG <data is not aligned on a byte boundary>
; P 0524   0              .(FILEUNAL,)           !MSG <file not available>
; P 0525   0              .(NOKEYDEF,)           !MSG <cannot do keypad input, mode is set to NOKEYPAD>
; P 0526   0              .(ILLQUALIF,)          !MSG <illegal or unsupported qualifier on SPAWN command>
; P 0527   0              .(NOSUCHELP,)          !MSG <no such help topic or invalid HELP command>
; P 0528   0              .(UNKATTRIB,)          !MSG <unknown attribute: !AC>
; P 0529   0              .(NOSYMBOLR,)          !MSG FAOCNT=2,<no symbol !AC was declared in routine !AC>
;   0530   0              );
;   0531   0       ! There are currently 27 free slots in the above table
;   0532   0
;   0533   0
;   0534   0       ! Warning messages
;   0535   0       !
;   0536   0       ! Facility = 2 , facility-specific bit set , error severity code = 0.
;   0537   0       ! error id codes 450 through 499 are assigned to this level
;   0538   0       ! (i.e., numbers 167440 through 167832 decimal)
;   0539   0       !
;   0540   0
;   0541   0       LITERAL
;   0542   0       SEQULST (DBG$ ,GBL,167440,8
; P 0543   0              .(INVMAR,)                      !MSG FAOCNT=0,<right margin must be greater than left>
; P 0544   0              .(NOLINXXX,)           !MSG FAOCNT=1 <!AC>
; P 0545   0              .(NOMATCH,)             !MSG FAOCNT=0,<no matches>
; P 0546   0              .(NOSRCHSTR,)          !MSG FAOCNT=0,<search string not set>
; P 0547   0              .(MATQUOMIS,)          !MSG FAOCNT=0,<matching quote is missing>
; P 0548   0              .(STEFROEXC,)          !MSG FAOCNT=0,<step or call from exception break is not allowed>
; P 0549   0              .(NOTINLOOP,)          !MSG FAOCNT=0,<exitloop encountered when not in a loop>
; P 0550   0              .(EXITARG,)                     !MSG FAOCNT=1,<exitloop argument !SL is too large>
; P 0551   0              .(ILLDEFNAM,)          !MSG FAOCNT=1,<illegal name for DEFINE: !AC>
; P 0552   0              .(NOSUCHSCOPE,)                 !MSG FAOCNT=1,<scope does not exist or is not in set module: !AC>
; P 0553   0              .(DECLARERR,)          !MSG FAOCNT=1,<too many declarations, !AC ignored>
; P 0554   0              .(UNASAVVAL,)          !MSG FAOCNT=1,<unable to save value for !AC, definition ignored>
; P 0555   0              .(PROVRFLOW,)          !MSG FAOCNT=0,<too many levels of a procedure nesting>
; P 0556   0              .(UNACVT,)                      !MSG FAOCNT=2,<unable to convert !AC!AD to !AC>
; P 0557   0              .(UNAEXPMEM,)          !MSG FAOCNT=1,<unable to expand memory by !SL bytes>
; P 0558   0              .(ALLOBNDS,)           !MSG FAOCNT=0,<must allocate at least 1000 bytes>
; P 0559   0              .(MISCLOSUB,)          !MSG FAOCNT=0,<missing closing subscript parenthesis>
; P 0560   0              .(NOTRECORD,)          !MSG FAOCNT=1,<variable is not record! cannot select component !AC>
; P 0561   0              .(TOOFEWSUB,)          !MSG FAOCNT=1,<too few subscripts, array has !SL dimensions>
; P 0562   0              .(TOOMANDIM,)          !MSG FAOCNT=0,<too many dimensions in array>
; P 0563   0              .(TOOMANSUB,)          !MSG FAOCNT=1,<too many subscripts, array has !SL dimensions>
; P 0564   0              .(CMDSYNERR,)          !MSG FAOCNT=1,<command syntax error at or near '!AC'>
; P 0565   0              .(SFCNTNEG,)           !MSG FAOCNT=0,<shift count is negative>
; P 0566   0              .(ILLPOSFLD,)          !MSG FAOCNT=1,<position field value !SL is too large>
; P 0567   0              .(ILLSIZFLD,)          !MSG FAOCNT=1,<illegal size field !SL! must be 0..32>
; P 0568   0              .(UNDEXPN,)                     !MSG FAOCNT=1,<undefined exponentiation at or near '!AC'>
; P 0569   0              .(OPCDEC,)                      !MSG FAOCNT=1,<no support for G/H instructions at or near '!AC'>
; P 0570   0              .(ILLLENGTH,)          !MSG FAOCNT=1,<illegal length field !SL in structure reference>
```

```
P 0571  0          .(CVTNEGUNS,)           !MSG FAOCNT=1,<cannot convert negative value to unsigned value at or
P 0572  0          .(ILLADDCON,)           !MSG FAOCNT=1,<illegal constant !AD in address expression>
P 0573  0          .(INVFLDREF,)           !MSG <invalid field reference! too many or few parameters>
P 0574  0          .(INVRANSPEC,)          !MSG <invalid range specification in array subscript>
P 0575  0          .(INCOMQUAL,)           !MSG <qualifier /DEFINED is not compatible with /TYPE /ADDRESS or
P 0576  0          .(LOOPINCR,)            !MSG <loop increment cannot be zero>
P 0577  0          .(ILLSETCON,)           !MSG <illegal set constant in expression>
P 0578  0          .(BADSTACK,)            !MSG <stack corrupted - no further data available>
P 0579  0          .(INCOMPPTR,)           !MSG <pointers of different size, cannot perform subtraction>
P 0580  0          .(AMPERSAND,)           !MSG <operand of ampersand must be lvalue>
P 0581  0          .(ILLFILPTR,)           !MSG <file variable points to invalid file descriptor>
P 0582  0          .(ADDRREG,)                 !MSG FAOCNT=1,<& not allowed on register variables: operand bound
P 0583  0          .(DESCNOTSET,)          !MSG <descriptor not set up yet>
P 0584  0          .(AMBFIELD,)            !MSG FAOCNT=1,<!AC is an ambiguous field name>
P 0585  0          .(ILLRANGE,)            !MSG <subscript range not permitted here (must be at lowest level
P 0586  0          .(ILLASTER,)            !MSG <subscript range ("*") not permitted here (must be at lowest
P 0587  0          .(ILLSUBSTR,)           !MSG <can only apply substring operation to string data types>
P 0588  0          .(SIDEFFECT,)           !MSG <operators with side effects not supported (++, --)>
P 0589  0          .(BADDESCR,)            !MSG FAOCNT=1,<descriptor for !AC is bad or is not set up yet>
P 0590  0          .(ABSDATSYN,)           !MSG FAOCNT=0,<absolute date-time syntax error>
   0591  0          );
   0592  0
   0593  0    ! There are currently 1 free slots in the above table
   0594  0
   0595  0
   0596  0    ! Informational messages
   0597  0    !
   0598  0    ! Facility = 2 , facility-specific bit set , error severity code = 3.
   0599  0    ! error id codes 500 through 549 are assigned to this level
   0600  0    ! (i.e., numbers 167843 through 168235 decimal)
   0601  0    !
   0602  0
   0603  0    LITERAL
P 0604  0    $EQULST (DBG$_,GBL,167843,8
P 0605  0          .(ENTRYMASK,)              !MSG <entry mask has non-zero value in bits 12:13>
P 0606  0          .(NOUNIVERSALS,)              !MSG <shareable image contains no universal symbols>
P 0607  0          .(INVGSTTYP,)           !MSG <invalid GST record! GST is partially built>
P 0608  0          .(WATNOTACT,)           !MSG FAOCNT=1,<watched variable !AC not active>
P 0609  0          .(UNAOPESCR,)           !MSG <unable to open DBG$OUTPUT for screen output>
P 0610  0          .(IRFAOVF,)                 !MSG FAOCNT=1,<record file address overflow at or near '!AC'>
P 0611  0          .(NOMARKCHNG,)          !MSG FAOCNT=1,<[NO]MARK_CHANGE qualifier not applicable to display !
P 0612  0          .(UNAOPEDBGI,)          !MSG <unable to open DBG$INPUT, SYS$INPUT used>
P 0613  0          .(UNACREDBGO,)          !MSG <unable to create DBG$OUTPUT, SYS$OUTPUT used>
P 0614  0          .(EDITFILE,)            !MSG FAOCNT=1,<editing file !AD>
P 0615  0          .(EDITREVVER,)          !MSG <editing a revised version of the displayed source file>
P 0616  0          .(EDITDISVER,)          !MSG FAOCNT=1,<the displayed version is !AD>
P 0617  0          .(EDITERROR,)           !MSG FAOCNT=1,<error while trying to edit !AD>
P 0618  0          .(EDITNOFILE,)          !MSG <no source file to use for editing>
   0619  0          );
   0620  0
   0621  0    ! There are currently 37 free slots in the above table (codes 513 - 549)
   0622  0
   0623  0
```

```
:                        Library Statistics
:
:                                 -------- Symbols --------      Pages      Processing
:            File                 Total    Loaded   Percent      Mapped     Time
:
:   _$255$DUA28:[SYSLIB]LIB.L32;1  18619       3        0         1000       00:01.9




:                              COMMAND QUALIFIERS

:        BLISS/LIBRARY=LIB$:DBGMSG.L32/LIST=LIS$:DBGMSG.LIS LIB$:DBGMSG.REQ

: Run Time:          00:20.3
: Elapsed Time:      01:10.2
: Lines/CPU Min:       1838
: Lexemes/CPU-Min: 63742
: Memory Used:  115 pages
: Library Precompilation Complete
```

DBGMSG
LIS

DBGNCANCL
LIS

DBGNCNTRL
LIS

DBGMOD
LIS