```
FFFFFFFFFFFFFF    000000000   RRRRRRRRRRR    RRRRRRRRRRR    TTTTTTTTTTTTTTT  LLL
FFFFFFFFFFFFFF    000000000   RRRRRRRRRRR    RRRRRRRRRRR    TTTTTTTTTTTTTTT  LLL
FFFFFFFFFFFFFF    000000000   RRRRRRRRRRR    RRRRRRRRRRR    TTTTTTTTTTTTTTT  LLL
FFF              000     000  RRR     RRR    RRR     RRR        TTT          LLL
FFF              000     000  RRR     RRR    RRR     RRR        TTT          LLL
FFF              000     000  RRR     RRR    RRR     RRR        TTT          LLL
FFF              000     000  RRR     RRR    RRR     RRR        TTT          LLL
FFF              000     000  RRR     RRR    RRR     RRR        TTT          LLL
FFFFFFFFFFF      000     000  RRRRRRRRRRR    RRRRRRRRRRR        TTT          LLL
FFFFFFFFFFF      000     000  RRRRRRRRRRR    RRRRRRRRRRR        TTT          LLL
FFFFFFFFFFF      000     000  RRRRRRRRRRR    RRRRRRRRRRR        TTT          LLL
FFF              000     000  RRR  RRR       RRR  RRR           TTT          LLL
FFF              000     000  RRR   RRR      RRR   RRR          TTT          LLL
FFF              000     000  RRR    RRR     RRR    RRR         TTT          LLL
FFF              000     000  RRR     RRR    RRR     RRR        TTT          LLL
FFF              000     000  RRR     RRR    RRR     RRR        TTT          LLL
FFF               000000000   RRR      RRR   RRR      RRR       TTT          LLLLLLLLLLLLLLL
FFF               000000000   RRR      RRR   RRR      RRR       TTT          LLLLLLLLLLLLLLL
FFF               000000000   RRR      RRR   RRR      RRR       TTT          LLLLLLLLLLLLLLL
```

```
FFFFFFFFFF    000000     RRRRRRRR    DDDDDDDD    EEEEEEEEEE   FFFFFFFFFF
FFFFFFFFFF    000000     RRRRRRRR    DDDDDDDD    EEEEEEEEEE   FFFFFFFFFF
FF           00    00    RR     RR   DD     DD   EE           FF
FF           00    00    RR     RR   DD     DD   EE           FF
FF           00    00    RR     RR   DD     DD   EE           FF
FFFFFFFF     00    00    RRRRRRRR    DD     DD   EEEEEEEE     FFFFFFFF
FFFFFFFF     00    00    RRRRRRRR    DD     DD   EEEEEEEE     FFFFFFFF
FF           00    00    RR  RR      DD     DD   EE           FF
FF           00    00    RR  RR      DD     DD   EE           FF
FF           00    00    RR   RR     DD     DD   EE           FF
FF           00    00    RR   RR     DD     DD   EE           FF
FF            000000     RR    RR    DDDDDDDD    EEEEEEEEEE   FF
FF            000000     RR    RR    DDDDDDDD    EEEEEEEEEE   FF
```

```
FFFFFFFFFF    000000     RRRRRRRR
FFFFFFFFFF    000000     RRRRRRRR
FF           00    00    RR     RR
FF           00    00    RR     RR
FF           00    00    RR     RR
FFFFFFFF     00    00    RRRRRRRR
FFFFFFFF     00    00    RRRRRRRR
FF           00    00    RR  RR
FF           00    00    RR  RR
FF           00    00    RR   RR
FF           00    00    RR   RR
FF            000000     RR    RR
FF            000000     RR    RR
```

```
C
C        SYS$LIBRARY:FORDEF.FOR - Define FOR$ error symbols
C
C************************************************************************
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C************************************************************************

        PARAMETER
     1  FOR$_SYNERRNAM = '18808C'X,    ! 17 syntax error in NAMELIST input
     1  FOR$_TOOMANVAL = '188094'X,    ! 18 too many values for NAMELIST variable
     1  FOR$_INVREFVAR = '18809C'X,    ! 19 invalid reference to variable
     1  FOR$_REWERR    = '1880A4'X,    ! 20 REWIND error
     1  FOR$_DUPFILSPE = '1880AC'X,    ! 21 duplicate file specifications
     1  FOR$_INPRECTOO = '1880B4'X,    ! 22 input record too long
     1  FOR$_BACERR    = '1880BC'X,    ! 23 BACKSPACE error
     1  FOR$_ENDDURREA = '1880C4'X,    ! 24 end-of-file during read
     1  FOR$_RECNUMOUT = '1880CC'X,    ! 25 record number outside range
     1  FOR$_OPEDEFREQ = '1880D4'X,    ! 26 OPEN or DEFINE FILE required
     1  FOR$_TOOMANREC = '1880DC'X,    ! 27 too many records in I/O statement
     1  FOR$_MORONEREC = '1880DC'X,    ! 27 obsolete error name
     1  FOR$_CLOERR    = '1880E4'X,    ! 28 CLOSE error
     1  FOR$_FILNOTFOU = '1880EC'X     ! 29 file not found

        PARAMETER
     1  FOR$_OPEFAI    = '1880F4'X,    ! 30 open failure
     1  FOR$_MIXFILACC = '1880FC'X,    ! 31 mixed file access modes
     1  FOR$_INVLOGUNI = '188104'X,    ! 32 invalid logical unit number
     1  FOR$_ENDFILERR = '18810C'X,    ! 33 ENDFILE error
     1  FOR$_UNIALROPE = '188114'X,    ! 34 unit already open
     1  FOR$_SEGRECFOR = '18811C'X,    ! 35 segmented record format error
     1  FOR$_ATTREANON = '188124'X,    ! 36 obsolete error name
     1  FOR$_ATTACCNON = '188124'X,    ! 36 attempt to access non-existent record
     1  FOR$_INCRECLEN = '18812C'X,    ! 37 inconsistent record length
     1  FOR$_ERRDURWRI = '188134'X,    ! 38 error during write
     1  FOR$_ERRDURREA = '18813C'X     ! 39 error during read
```

```
      PARAMETER
     1 FOR$_RECIO_OPE = '188144'X,    ! 40 recursive I/O operation
     1 FOR$_INSVIRMEM = '18814C'X,    ! 41 insufficient virtual memory
     1 FOR$_NO_SUCDEV = '188154'X,    ! 42 no such device
     1 FOR$_FILNAMSPE = '18815C'X,    ! 43 file name specification error
     1 FOR$_RECSPEERR = '188164'X,    ! 44 obsolete error name
     1 FOR$_INCRECTYP = '188164'X,    ! 44 inconsistent record type
     1 FOR$_KEYVALERR = '18816C'X,    ! 45 keyword value error in OPEN statement
     1 FOR$_INCOPECLO = '188174'X,    ! 46 inconsistent OPEN/CLOSE parameters
     1 FOR$_WRIREAFIL = '18817C'X,    ! 47 write to READONLY file
     1 FOR$_INVARGFOR = '188184'X     ! 48 invalid argument to FORTRAN Run-Time Library

      PARAMETER
     1 FOR$_INVKEYSPE = '18818C'X,    ! 49 invalid key specification
     1 FOR$_INCKEYCHG = '188194'X,    ! 50 inconsistent key change or duplicate key
     1 FOR$_INCFILORG = '18819C'X,    ! 51 inconsistent file organization
     1 FOR$_SPERECLOC = '1881A4'X,    ! 52 specified record locked
     1 FOR$_NO_CURREC = '1881AC'X,    ! 53 no current record
     1 FOR$_REWRITERR = '1881B4'X,    ! 54 REWRITE error
     1 FOR$_DELERR    = '1881BC'X,    ! 55 DELETE error
     1 FOR$_UNLERR    = '1881C4'X,    ! 56 UNLOCK error
     1 FOR$_FINERR    = '1881CC'X     ! 57 FIND error

      PARAMETER
     1 FOR$_LISIO_SYN = '1881DC'X,    ! 59 list-directed I/O syntax error
     1 FOR$_INFFORLOO = '1881E4'X,    ! 60 infinite format loop
     1 FOR$_FORVARMIS = '1881EC'X,    ! 61 format/variable-type mismatch
     1 FOR$_SYNERRFOR = '1881F4'X,    ! 62 syntax error in format
     1 FOR$_OUTCONERR = '1881FA'X,    ! 63 output conversion error
     1 FOR$_INPCONERR = '188204'X,    ! 64 input conversion error
     1 FOR$_OUTSTAOVE = '188214'X,    ! 66 output statement overflows record
     1 FOR$_INPSTAREQ = '18821C'X,    ! 67 input statement requires too much data
     1 FOR$_VFEVALERR = '188224'X,    ! 68 variable format expression value error
     1 FOR$_ADJARRDIM = '1882EC'X     ! 93 adjustable array dimension error

      PARAMETER
     1 FOR$_UNFIO_FMT = '188804'X,    ! 256 unformatted I/O to unit open for formatted transfers
     1 FOR$_FMTIO_UNF = '18880C'X,    ! 257 formatted I/O to unit open for unformatted transfers
     1 FOR$_DIRIO_KEY = '188814'X,    ! 258 direct-access I/O to unit open for keyed access
     1 FOR$_SEQIO_DIR = '18881C'X,    ! 259 sequential-access I/O to unit open for direct access
     1 FOR$_KEYIO_DIR = '188824'X,    ! 260 keyed-access I/O to unit open for direct access
     1 FOR$_IO_NONFOR = '18882C'X,    ! 261 I/O to non-FORTRAN unit
     1 FOR$_INVTEXREC = '188834'X,    ! 262 invalid text is ... in record number ...
     1 FOR$_FLOUNDEXC = '18883B'X     ! 263 nn floating underflow exceptions

C
C     End of FORDEF.FOR
C
```

COMASSIGN
LIS

FORIOSDEF
SDL

FORFMT
REQ

FOROPN
REQ

COMR50ASC
LIS

COMERRTST
LIS

FDLTRFVEC
LIS

FORPAR
SDL

FORLIB
REQ

COMERRSET
LIS

COMIRAD50
LIS

FORPROLOG
REQ

FORRTL

FORRCE
SDL

FORMACROS
REQ

FORRTL
MAP

COMFDBSET
LIS

FORERR
SDL

FORDEF
FOR

COMEST
REQ

FORNML
REQ

COMCLOSE
LIS