```
FFFFFFFFFFFFFFF     000000000     RRRRRRRRRRRR     RRRRRRRRRRRR     TTTTTTTTTTTTTTT  LLL
FFFFFFFFFFFFFFF     000000000     RRRRRRRRRRRR     RRRRRRRRRRRR     TTTTTTTTTTTTTTT  LLL
FFFFFFFFFFFFFFF     000000000     RRRRRRRRRRRR     RRRRRRRRRRRR     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
FFF               000         000 RRR         RRR RRR         RRR       TTT        LLL
FFFFFFFFFFF       000         000 RRRRRRRRRRRR    RRRRRRRRRRRR          TTT        LLL
FFFFFFFFFFF       000         000 RRRRRRRRRRRR    RRRRRRRRRRRR          TTT        LLL
FFFFFFFFFFF       000         000 RRRRRRRRRRRR    RRRRRRRRRRRR          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               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    PPPPPPPP      AAAAAA    RRRRRRRR
FFFFFFFFFF    000000    RRRRRRRR    PPPPPPPP      AAAAAA    RRRRRRRR
FF           00    00   RR     RR   PP     PP    AA    AA   RR     RR
FF           00    00   RR     RR   PP     PP    AA    AA   RR     RR
FF           00    00   RR     RR   PP     PP    AA    AA   RR     RR
FF           00    00   RR     RR   PP     PP    AA    AA   RR     RR
FFFFFFF      00    00   RRRRRRRR    PPPPPPPP    AA    AA   RRRRRRRR
FFFFFFF      00    00   RRRRRRRR    PPPPPPPP    AA    AA   RRRRRRRR
FF           00    00   RR  RR      PP          AAAAAAAAAA   RR  RR
FF           00    00   RR  RR      PP          AAAAAAAAAA   RR  RR
FF           00    00   RR    RR    PP          AA    AA   RR    RR      ....
FF           00    00   RR    RR    PP          AA    AA   RR    RR      ....
FF             000000    RR     RR   PP          AA    AA   RR     RR     ....
FF             000000    RR     RR   PP          AA    AA   RR     RR     ....

  SSSSSSSS  DDDDDDDD    LL
  SSSSSSSS  DDDDDDDD    LL
SS          DD     DD   LL
SS          DD     DD   LL
SS          DD     DD   LL
SS          DD     DD   LL
  SSSSSS    DD     DD   LL
  SSSSSS    DD     DD   LL
        SS  DD     DD   LL
        SS  DD     DD   LL
        SS  DD     DD   LL
        SS  DD     DD   LL
SSSSSSSS    DDDDDDDD    LLLLLLLLLL
SSSSSSSS    DDDDDDDD    LLLLLLLLLL
```

```
{ REQUIRE file for FORTRAN internal parameters passed between modules
{ File: FORPAR.SDL  Edit: SBL2001
{*****************************************************************************
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{*****************************************************************************
{
{
{ Author:  T. Hastings
{ Change History:
{ [Previous edit history removed.  SBL 23-Aug-1982]
{ 1-007 - Add FOR$K_CLASS_SB and FOR$K_CLASS_NL.  JAW 28-Jul-1981
{ 2-001 - Convert to SDL.  SBL 23-Aug-1982

{ Define all symbols as if they were globals using the FOR$ prefix.
{ Call definitions in MACRO-32 with:
{       $FORPAR


MODULE $FORPAR;

AGGREGATE FOR$R_PAR STRUCTURE PREFIX FOR$;

{+
{ Define statement type structure which is passed in R0 from UPI-level
{ statement entry routines to FOR$$IO_BEG.
{-

    union_1 UNION;
        structure_1 STRUCTURE;
            STMT_TYPE BYTE UNSIGNED;            { statement type code
            STMT_FLAGS BYTE UNSIGNED;           { statement flags
            END structure_1;
        structure_2 STRUCTURE;
            fill_1 BITFIELD LENGTH 8 FILL TAG $$; { skip statement type
            OBJ_FMT BITFIELD;                   { run-time (object time) formatting
            END structure_2;
        END union_1;
```

```
{+
{ Private-use descriptor class codes defined for Fortran.  These codes
{ identify descriptors passed by compiled code to FOR$IO_ELEM.
{-

    CONSTANT CLASS_SB EQUALS 191;
    CONSTANT CLASS_NL EQUALS 190;

{+
{ Control Z record for use with reading ENDFILE produced on PDP-11s
{-

    CONSTANT CONTROL_Z EQUALS 26;       { ASCII Control Z - ENDFILE record

{+
{ Parameter values to be passed to Handlers set up
{ on I/O calls from user (see FORERROR.B32).
{ The values indicate what cleanup action is to be done when
{ and if an UNWIND should occur (ERR= transfer or SIGNAL or STOP
{ which does an UNWIND.
{-

    CONSTANT UNWINDPOP EQUALS 0;        { UNWIND cleanup which pops current LUB/ISB/RAB
    CONSTANT UNWINDNOP EQUALS 1;        { UNWIND cleanup which does nothing (ie NOP).
    CONSTANT UNWINDRET EQUALS 2;        { UNWIND cleanup which does a $CLOSE and returns LUB/ISB/RAB

    END FOR$R_PAR;

END_MODULE $FORPAR;

{       End of file FORPAR.SDL
```

COMASSIGN
LIS

FORIOSDEF
SDL

FORFMT
REQ

FOROPN
REQ

COMR50ASC
LIS

COMERRTST
LIS

FDLTRFVEC
LIS

FORPAR
SDL

FORLIB
REQ

COMERRSET
LIS

COMTRAD50
LIS

FORPROLOG
REQ

FORRTL

FORRCE
SDL

FORMACROS
REQ

FORRTL
MAP

COMFDBSET
LIS

FORERR
SDL

FORDEF
FOR

COMEST
REQ

FORNML
REQ

COMCLOSE
LIS