



```

FFFFFFFFF  000000  RRRRRRRR  PPPPPPPP  AAAAAA  RRRRRRRR
FFFFFFFFF  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
FFFFFFFFF  00      00  RRRRRRRR  PPPPPPPP  AA      AA  RRRRRRRR
FFFFFFFFF  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          00      00  RR  RR      PP  AA      AA  RR  RR
FF          000000  RR          RR  PP      PP  AA      AA  RR  RR
FF          000000  RR          RR  PP      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
```

```
*****
{*
{* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
{* DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
{* ALL RIGHTS RESERVED.
{*
{* THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
{* ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE
{* INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER
{* COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY
{* OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY
{* TRANSFERRED.
{*
{* THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
{* AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT
{* CORPORATION.
{*
{* DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
{* SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
{*
{*
{* *****
```

```
{ 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 T 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
```

