```
PPPPPPPPPPP          AAAAAAAAA       TTTTTTTTTTTTTTTT     CCCCCCCCCCC    HHH              HHH
PPPPPPPPPPPP         AAAAAAAAA       TTTTTTTTTTTTTTTT     CCCCCCCCCCC    HHH              HHH
PPPPPPPPPPPP         AAAAAAAAA       TTTTTTTTTTTTTTTT     CCCCCCCCCCC    HHH              HHH
PPP         PPP   AAA         AAA         TTT         CCC               HHH              HHH
PPP         PPP   AAA         AAA         TTT         CCC               HHH              HHH
PPP         PPP   AAA         AAA         TTT         CCC               HHH              HHH
PPP         PPP   AAA         AAA         TTT         CCC               HHH              HHH
PPP         PPP   AAA         AAA         TTT         CCC               HHH              HHH
PPP         PPP   AAA         AAA         TTT         CCC               HHH              HHH
PPPPPPPPPPPP      AAA         AAA         TTT         CCC               HHHHHHHHHHHHHHHHH
PPPPPPPPPPPP      AAA         AAA         TTT         CCC               HHHHHHHHHHHHHHHHH
PPPPPPPPPPPP      AAA         AAA         TTT         CCC               HHHHHHHHHHHHHHHHH
PPP              AAAAAAAAAAAAAAAAA        TTT         CCC               HHH              HHH
PPP              AAAAAAAAAAAAAAAAA        TTT         CCC               HHH              HHH
PPP              AAAAAAAAAAAAAAAAA        TTT         CCC               HHH              HHH
PPP               AAA         AAA         TTT         CCC               HHH              HHH
PPP               AAA         AAA         TTT         CCC               HHH              HHH
PPP               AAA         AAA         TTT               CCCCCCCCCCC HHH              HHH
PPP               AAA         AAA         TTT               CCCCCCCCCCC HHH              HHH
PPP               AAA         AAA         TTT               CCCCCCCCCCC HHH              HHH
```

```
 SSSSSSSS   YY      YY  MM       MM  FFFFFFFFFF  MM       MM  TTTTTTTTTT
 SSSSSSSS   YY      YY  MM       MM  FFFFFFFFFF  MM       MM  TTTTTTTTTT
SS           YY    YY   MMMM   MMMM  FF          MMMM   MMMM      TT
SS           YY    YY   MMMM   MMMM  FF          MMMM   MMMM      TT
SS             YY YY    MM MM   MM   FF          MM MM   MM       TT
SS             YY YY    MM MM   MM   FF          MM MM   MM       TT
 SSSSSS         YY      MM       MM  FFFFFFFF    MM       MM      TT
 SSSSSS         YY      MM       MM  FFFFFFFF    MM       MM      TT
         SS     YY      MM       MM  FF          MM       MM      TT
         SS     YY      MM       MM  FF          MM       MM      TT
         SS     YY      MM       MM  FF          MM       MM      TT
         SS     YY      MM       MM  FF          MM       MM      TT
 SSSSSSSS       YY      MM       MM  FF          MM       MM      TT
 SSSSSSSS       YY      MM       MM  FF          MM       MM      TT


 RRRRRRRR   EEEEEEEEEE     QQQQQ
 RRRRRRRR   EEEEEEEEEE     QQQQQQ
 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
```

Version: 'V04-000'

```
!++

! MODULE: SYMFMT.REQ

! FACILITY: LINKER

! ABSTRACT: SYMBOL TABLE ENTRY FORMAT DEFINITION

! HISTORY:

!       AUTHOR: T.J. PORTER 21-FEB-77

!       MODIFICATIONS:

! NO.   DATE            PROGRAMMER      PURPOSE
! ---   ----            ----------      -------
!--
```

```
!++
!
! FUNCTIONAL DESCRIPTION:
!
!
!        THIS IS A REQUIRED FILE WHICH DEFINES ALL THE
!        STRUCTURE REFERENCE MACROS FOR THE FIELDS
!        OF SYMBOL TABLE ENTRIES.
!--
!
GLOBAL LITERAL
        SYM$C_TBLSIZ = 128 : WEAK;                   ! DEFINE SYMBOL TABLE SIZE
BYTEBLOCKFIELDS (SYM,                         ! BLOCK NAME IS 'SYM$'
                L_VALUE,4,                    ! SYMBOL VALUE
                L_PSCLST,4,                   ! THREAD FROM DEFINING P-SECTION
                                              ! NOTE: THE ABOVE TWO ENTRIES MUST
                                              ! ---- BE FIRST SINCE THEY ARE
                                              !      RE-USED AS FORWARD AND
                                              !      BACK POINTERS IN THE
                                              !      UNDEFINED SYMBOL LIST.

                B_NAMLNG,1,                   ! SYMBOL STRING LENGTH
                T_NAME,SYM$C_MAXLNG,          ! STRING
                L_COLIST,4,                   ! COLLISION LIST POINTER
                W_ENTMSK,2,                   ! ENTRY POINT MASK
                W_FLAGS,2,                    ! FLAGS WORD
                B_DATYP,1,                    ! DATA TYPE
                B_LSTLNG,1 );                 ! LENGTH OF COLLISION LIST
!
! DEFINE EQUIVALENCING MACROS FOR FLINK AND BLINK OF THE UNDEFINED
!        SYMBOL LIST -- SEE ABOVE NOTE.
!
MACRO
        SYM$L_UDFLINK   = SYM$L_VALUE%, ! FORWARD LINK IS THE VALUE FIELD
        SYM$L_UDFBLINK  = SYM$L_PSCLST%;! BACKWARD LINK IS THE OWNING P-SECT THREAD
```

LISTEL
REQ

PATTAB
REQ

PREFIX
REQ

SYSSER
REQ

VXSMAC
REQ

DATBAS
REQ

DATBAS
REQ

PATACS
REQ

PATPCT
REQ

PATPRE
REQ

VAXERR
REQ

DYNMEM
LIS

PATTER
REQ

SCALIT
REQ

PATGEN
REQ

VAXOPS
REQ

PATACT
LIS

OLLNAM
REQ

SYMFMT
REQ

PATRTS
REQ

IMGDEF
REQ

PATTBL
REQ

PATTOK
REQ

PATKEY
REQ

SYSLIT
REQ

VXPALT
REQ