K 6

```
EEEEEEEEEEEEEEE  RRRRRRRRRRRR      FFFFFFFFFFFFFFF
EEEEEEEEEEEEEEE  RRRRRRRRRRRR      FFFFFFFFFFFFFFF
EEEEEEEEEEEEEEE  RRRRRRRRRRRR      FFFFFFFFFFFFFFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEEEEEEEEEEE     RRRRRRRRRRRR      FFFFFFFFFFFF
EEEEEEEEEEEE     RRRRRRRRRRRR      FFFFFFFFFFFF
EEEEEEEEEEEE     RRRRRRRRRRRR      FFFFFFFFFFFF
EEE              RRR   RRR        FFF
EEE              RRR   RRR        FFF
EEE              RRR   RRR        FFF
EEE              RRR      RRR     FFF
EEE              RRR      RRR     FFF
EEE              RRR      RRR     FFF
EEEEEEEEEEEEEEE  RRR         RRR  FFF
EEEEEEEEEEEEEEE  RRR         RRR  FFF
EEEEEEEEEEEEEEE  RRR         RRR  FFF
```

```
IIIIII    NN       NN    IIIIII    TTTTTTTTTT  PPPPPPPP    RRRRRRRR      000000      CCCCCCCC  44    44
IIIIII    NN       NN    IIIIII    TTTTTTTTTT  PPPPPPPP    RRRRRRRR      000000      CCCCCCCC  44    44
  II      NN       NN      II          TT      PP      PP  RR      RR  00      00  CC            44    44
  II      NN       NN      II          TT      PP      PP  RR      RR  00      00  CC            44    44
  II      NNNN     NN      II          TT      PP      PP  RR      RR  00      00  CC            44    44
  II      NNNN     NN      II          TT      PP      PP  RR      RR  00      00  CC            44    44
  II      NN NN    NN      II          TT      PPPPPPPPP   RRRRRRRR    00      00  CC            4444444444
  II      NN NN    NN      II          TT      PPPPPPPP    RRRRRRRR    00      00  CC            4444444444
  II      NN   NNNN       II          TT      PP          RR  RR      00      00  CC                  44
  II      NN   NNNN       II          TT      PP          RR  RR      00      00  CC                  44
  II      NN     NN       II          TT      PP          RR    RR    00      00  CC                  44          ....
  II      NN     NN       II          TT      PP          RR    RR    00      00  CC                  44          ....
IIIIII    NN     NN     IIIIII        TT      PP          RR      RR    000000      CCCCCCCC          44          ....
IIIIII    NN     NN     IIIIII        TT      PP          RR      RR    000000      CCCCCCCC          44          ....

LL              IIIIII      SSSSSSSS
LL              IIIIII    SSSSSSSSS
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              Subroutine ERFPRC4INI ( Array_addr, Array_size )
0002
0003      C
0004      C Version:      'V04-000'
0005      C
0006      C*****************************************************************************
0007      C*                                                                           *
0008      C*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                  *
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0025      C*                                                                           *
0026      C*                                                                           *
0027      C*****************************************************************************
0028      C
0029      C
0030      C
0031      C         AUTHOR: Elliott A. Drayton              CREATION DATE: 27-Jan-1983
0032      C
0033      C         Functional description:
0034
0035      C         This is the initialization module for the loadable image ERFPROC4.EXE.
0036      C         After ERFPRC4 has been loaded this routine is called to return
0037      C         the information from it tables. These tables specifiy which error
0038      C         log packets this loadable image will process. The tables consist of:
0039
0040      C         ENTRY TYPE, DEVICE CLASS, MODULE VERSION, TRANSFER VECTOR OFFSET
0041      C
0042      C         The ENTRY TYPE value is the packet type identifier for the packets that
0043      C         this loadable image will process.
0044
0045      C         The DEVICE CLASS value specifies the class of the packet that will
0046      C         be process by this loadable image.
0047
0048      C         The MODULE VERSION is used to determine if the module in this image
0049      C         is the one to use. This is accomplished by the root image comparing
0050      C         this value against the value in the master tables in the root image.
0051
0052      C         The TRANSFER VECTOR OFFSET is the index to the transfer vector to
0053      C         be used for a specific device or entry type. For example, the transfer
0054      C         vectors for the disk image are ordered as:
0055      C
0056      C         INITDISK 0        ! a routine similar to this one
0057      C         MASSDISK 1        ! a device specific routine
```

```
0058     C        RKDISK   2
0059     C        RLDISK   3
0060     C        ECT.
0061     C
0062     C        Modified by:
0063     C
0064     C                SR0001          Sharon Reynolds                 17-Mar-1983
0065     C                Change tables to support UBA interrupts and errors,
0066     c                MBA interrupts, and undefined interrupts.
0067     C**
```

```
0068     !
0069     !  DEFINE ENTRY TYPES
0070     !
0071     !
0072                                                ! UBAINT module
0073           Parameter EMB$K_UBA = 9              ! 11/780 unibus adapter error
0074
0075                                                ! UBAERR module
0076           Parameter EMB$K_UE = 11              ! 11/730 unibus error %XB
0077
0078                                                ! MBAINT module
0079           Parameter EMB$K_MBA = 12             ! 11/780 massbus adapter error %XC
0080
0081                                                ! UNDEFINED module
0082           Parameter EMB$K_UI = 97              ! Undefined interrupt %X61
0083
0084           Parameter Zero = 0
0085           Parameter V1 = 1                     ! Device module version number
0086
0087           Parameter       Maxtypes = 4
0088
0089           Integer*4       Array_addr, Array_size
0090
0091           Integer*2       Proc4_codes ( 4 * Maxtypes )
0092
0093           Data            Proc4_codes /
0094           1 EMB$K_UBA, zero, V1, 1,            ! 11/780 unibus adapter error
0095           2 EMB$K_UE, zero, V1, 2,             ! 11/730 unibus error
0096           3 EMB$K_MBA, zero, V1, 3,            ! 11/780 massbus adapter error
0097           4 EMB$K_UI, zero, V1, 4/             ! Undefined interrupt
0098
0099           Array_addr = %LOC (proc4_codes(1))
0100           Array_size = Maxtypes
0101
0102           Return
0103           End
```

PROGRAM SECTIONS

	Name	Bytes	Attributes
0	$CODE	19	PIC CON REL LCL SHR EXE RD NOWRT LONG
2	$LOCAL	32	PIC CON REL LCL NOSHR NOEXE RD WRT LONG
	Total Space Allocated	51	

ENTRY POINTS

Address	Type	Name
0-00000000		ERFPRC4INI

VARIABLES

Address	Type	Name	Address	Type	Name
AP-00000004@	I*4	ARRAY_ADDR	AP-00000008@	I*4	ARRAY_SIZE

ARRAYS

Address	Type	Name	Bytes	Dimensions
2-00000000	I*2	PROC4_CODES	32	(16)

COMMAND QUALIFIERS

```
  FORTRAN /LIS=LIS$:INITPROC4/OBJ=OBJ$:INITPROC4 MSRC$:INITPROC4

  /CHECK=(NOBOUNDS,OVERFLOW,NOUNDERFLOW)
  /DEBUG=(NOSYMBOLS,TRACEBACK)
  /STANDARD=(NOSYNTAX,NOSOURCE_FORM)
  /SHOW=(NOPREPROCESSOR,NOINCLUDE,MAP)
  /F77  /NOG_FLOATING  /I4  /OPTIMIZE  /WARNINGS  /NOD_LINES  /NOCROSS_REFERENCE  /NOMACHINE_CODE  /CONTINUATIONS=19
```

COMPILATION STATISTICS

```
  Run Time:           0.75 seconds
  Elapsed Time:       3.58 seconds
  Page Faults:        95
  Dynamic Memory:     155 pages
```

GETCODE.LIS

INITPROC1.LIS

INITREAL.LIS

EXECIMAGE.LIS

ERFSUMM.LIS

INITBUS.LIS

INITPROC4.LIS

KMS3271.LIS

ERFTAPEVE.LIS

HEADER.LIS

FILES.LIS

ERLLOGSYS.LIS

INITPROC2.LIS

INIT_TAPE.LIS

ERLLOGMSG.LIS

INITDISK.LIS

INITPROC5.LIS

IMAGELOAD.LIS

INITPROC3.LIS

INTERVENE.LIS

ERFRTVEC.LIS

ERFSUMVEC.LIS