```
EEEEEEEEEEEEEEE   RRRRRRRRRRR      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
EEEEEEEEEEEEEEE   RRR          RRR   FFF
```

FILEID**INITPROC4

```
IIIIII    NN      NN  IIIIII   TTTTTTTTTT PPPPPPPP   RRRRRRRR     OOOOOO     CCCCCCCC  44    44
IIIIII    NN      NN  IIIIII   TTTTTTTTTT PPPPPPPP   RRRRRRRR     OOOOOO     CCCCCCCC  44    44
  II      NN      NN    II         TT     PP     PP  RR     RR   OO    OO   CC          44    44
  II      NN      NN    II         TT     PP     PP  RR     RR   OO    OO   CC          44    44
  II      NNNN    NN    II         TT     PP     PP  RR     RR   OO    OO   CC          44    44
  II      NNNN    NN    II         TT     PP     PP  RR     RR   OO    OO   CC          44    44
  II      NN  NN  NN    II         TT     PPPPPPPP   RRRRRRRR   OO    OO   CC          4444444444
  II      NN  NN  NN    II         TT     PPPPPPPP   RRRRRRRR   OO    OO   CC          4444444444
  II      NN    NNNN    II         TT     PP         RR  RR     OO    OO   CC                44
  II      NN    NNNN    II         TT     PP         RR  RR     OO    OO   CC                44
  II      NN      NN    II         TT     PP         RR    RR   OO    OO   CC                44      ....
  II      NN      NN    II         TT     PP         RR    RR   OO    OO   CC                44      ....
IIIIII    NN      NN  IIIIII       TT     PP         RR     RR    OOOOOO     CCCCCCCC        44      ....
IIIIII    NN      NN  IIIIII       TT     PP         RR     RR    OOOOOO     CCCCCCCC        44      ....
```

```
LL            IIIIII     SSSSSSSS
LL            IIIIII     SSSSSSSS
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*                                                                           *
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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 ERFPROC4 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
0073           Parameter EMB$K_UBA = 9                  ! UBAINT module
                                                        ! 11/780 unibus adapter error
0074
0075                                                    ! UBAERR module
0076           Parameter EMB$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