```
EEEEEEEEEEEEEEEE   RRRRRRRRRRRR       FFFFFFFFFFFFFFFF
EEEEEEEEEEEEEEEE   RRRRRRRRRRRRR      FFFFFFFFFFFFFFFF
EEEEEEEEEEEEEEEE   RRRRRRRRRRRRR      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       FFFFFFFFFFF
EEEEEEEEEEEE       RRRRRRRRRRRR       FFFFFFFFFFF
EEEEEEEEEEEE       RRRRRRRRRRRR       FFFFFFFFFFF
EEE                RRR    RRR         FFF
EEE                RRR    RRR         FFF
EEE                RRR    RRR         FFF
EEE                RRR      RRR       FFF
EEE                RRR      RRR       FFF
EEE                RRR      RRR       FFF
EEEEEEEEEEEEEEEE   RRR        RRR     FFF
EEEEEEEEEEEEEEEE   RRR        RRR     FFF
EEEEEEEEEEEEEEEE   RRR        RRR     FFF
```

FILEID**INITPROC2

```
IIIIII    NN      NN    IIIIII    TTTTTTTTTT  PPPPPPPP   RRRRRRRR     000000      CCCCCCCC   222222
IIIIII    NN      NN    IIIIII    TTTTTTTTTT  PPPPPPPP   RRRRRRRR     000000      CCCCCCCC   222222
  II      NN      NN      II          TT      PP    PP   RR    RR   00    00    CC              22      22
  II      NN      NN      II          TT      PP    PP   RR    RR   00    00    CC              22      22
  II      NNNN    NN      II          TT      PP    PP   RR    RR   00    00    CC                      22
  II      NNNN    NN      II          TT      PP    PP   RR    RR   00    00    CC                      22
  II      NN  NN  NN      II          TT      PPPPPPPP   RRRRRRR    00    00    CC                    22
  II      NN  NN  NN      II          TT      PPPPPPPP   RRRRRRR    00    00    CC                    22
  II      NN    NNNN      II          TT      PP         RR  RR     00    00    CC                  22
  II      NN    NNNN      II          TT      PP         RR  RR     00    00    CC                  22
  II      NN      NN      II          TT      PP         RR    RR   00    00    CC                22
  II      NN      NN      II          TT      PP         RR    RR   00    00    CC                22
IIIIII    NN      NN    IIIIII        TT      PP         RR    RR     000000      CCCCCCCC   2222222222
IIIIII    NN      NN    IIIIII        TT      PP         RR    RR     000000      CCCCCCCC   2222222222


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 ERFPRC2INI ( 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 ERFPROC2.EXE.
0036       C         After ERFPROC2 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        V04-002 SAR0205        Sharon A. Reynolds            27-Feb-1984
0065   C                Removed SBI entry support.
0066   C
0067   C                SR0001         Sharon Reynolds               17-Mar-1983
0068   C                Change tables to support machine checks, bug checks and
0069   C                SBI packets.
0070   C**
```

```
0071      !
0072      !     DEFINE ENTRY TYPES
0073      !
0074      !
0075
0076            Parameter EMB$K_MC = 2                     ! Mcheck module
                                                          ! Machine check entries
0077
0078                                                      ! Bugchk module
0079            Parameter EMB$K_CR = 37                   ! Crash re-start entries %X25
0080            Parameter EMB$K_SBC = 40                  ! System bugcheck entries %X28
0081            Parameter EMB$K_UBC = 112                 ! User bugcheck entries %X70
0082
0083                                                      ! SBI module
0084
0085            Parameter Zero = 0
0086            Parameter V1 = 1                          ! Device module version number
0087
0088            Parameter        Maxtypes = 4
0089
0090            Integer*4        Array_addr, Array_size
0091
0092            Integer*2        Proc2_codes ( 4 * Maxtypes )
0093
0094            Data             Proc2_codes /
0095          1 EMB$K_MC,  zero, V1, 1,                   ! Machine check entries
0096          2 EMB$K_CR,  zero, V1, 2,                   ! Crash restart entries
0097          3 EMB$K_SBC, zero, V1, 2,                   ! System bugcheck entries
0098          4 EMB$K_UBC, zero, V1, 2 /                  ! User bugcheck entries
0099                                                      !  entries
0100
0101            Array_addr = %LOC (proc2_codes(1))
0102            Array_size = Maxtypes
0103
0104            Return
0105            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		ERFPRC2INI

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	PROC2_CODES	32	(16)

COMMAND QUALIFIERS

FORTRAN /LIS=LIS$:INITPROC2/OBJ=OBJ$:INITPROC2 MSRC$:INITPROC2

```
/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:          0.79 seconds
Elapsed Time:      5.37 seconds
Page Faults:       95
Dynamic Memory:    155 pages
```

GETCODE
LIS

INITPROC1
LIS

INITREAL
LIS

EXECIMAGE
LIS

ERFSUMM
LIS

INITBUS
LIS

INITPROC4
LIS

RMS3271
LIS

ERFTAPEVE
LIS

HEADER
LIS

FILES
LIS

ERLLOGSTS
LIS

INITPROC2
LIS

INIT_TAPE
LIS

ERLLOGMSG
LIS

INITDISK
LIS

INITPROC5
LIS

IMAGELOAD
LIS

INITPROC3
LIS

INTERVENE
LIS

ERFRTVEC
LIS

ERFSUMVEC
LIS