





Subroutine ERFPROC3INI ( Array\_addr, Array\_size )

```
0001      C
0002      C
0003      C
0004      C Version:      'V04-000'
0005      C
0006      C*****
0007      C*
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0025      C*
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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      C
0035      C      This is the initialization module for the loadable image ERFPROC3.EXE.
0036      C      After ERFPROC3 has been loaded this routine is called to return
0037      C      the information from its tables. These tables specify which error
0038      C      log packets this loadable image will process. The tables consist of:
0039      C
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      C
0045      C      The DEVICE CLASS value specifies the class of the packet that will
0046      C      be processed by this loadable image.
0047      C
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      C
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
```

N 12  
16-Sep-1984 00:04:11  
5-Sep-1984 13:57:52

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RKDISK 2  
RLDISK 3  
ECT.

Modified by:

V03-002 SAR0206 Sharon A. Reynolds 27-Feb-1984  
Added bus errors and asynchronous write entry support (SBI).  
SR0001 Sharon Reynolds 17-Mar-1983  
Change tables to support SBI alert, soft and hard ECC's,  
and volume mounts and dismounts.

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DEFINE ENTRY TYPES

```
Parameter EMB$K_SA = 5      ! SBI alert
Parameter EMB$K_SE = 6      ! Soft ECC error
Parameter EMB$K_HE = 8      ! Hard ECC error
Parameter EMB$K_VM = 64     ! Volume mount entries %x40
Parameter EMB$K_VD = 65     ! Volume dismount entries %x41
Parameter EMB$K_BE = 4      ! Bus errors
Parameter EMB$K_AW = 7      ! Async write errors

Parameter Zero = 0
Parameter V1 = 1           ! Device module version number

Parameter      Maxtypes = 7

Integer*4      Array_addr, Array_size

Integer*2      Proc3_codes ( 4 * Maxtypes )

Data           Proc3_codes /
1 EMB$K_SA, zero, V1, 1,      ! SBI alert entries
2 EMB$K_SE, zero, V1, 1,      ! Soft ECC error
3 EMB$K_HE, zero, V1, 1,      ! Hard ECC error
4 EMB$K_VM, zero, V1, 2,      ! Volume mount entries
5 EMB$K_VD, zero, V1, 2,      ! Volume dismount entries
6 EMB$K_BE, zero, V1, 3,      ! Bus error entries
7 EMB$K_AW, zero, V1, 3,      ! Asynchronous write error
                               ! entries

Array_addr = %LOC (proc3_codes(1))
Array_size = Maxtypes

Return
End
```

## PROGRAM SECTIONS

Name	Bytes	Attributes
0 \$CODE	19	PIC CON REL LCL SHR EXE RD NOWRT LONG
2 \$LOCAL	56	PIC CON REL LCL NOSHR NOEXE RD WRT LONG
Total Space Allocated	75	

## ENTRY POINTS

Address	Type	Name
0-00000000		ERFPRC3INI

## 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	PROC3_CODES	56	(28)

## COMMAND QUALIFIERS

```

FORTRAN /LIS=LIS$:INITPROC3/OBJ=OBJ$:INITPROC3 MSRC$:INITPROC3
/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:          0.76 seconds
Elapsed Time:     3.78 seconds
Page Faults:      85
Dynamic Memory:   155 pages

```

0149

AH-BT13A-SE  
VAX/VMS V4.0

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This image shows a grid of 160 small program listings arranged in 8 rows and 20 columns. Each listing is a miniature version of a program's source code and its execution output. The listings are organized into several groups, with some listing names highlighted in white text to identify key programs:

- Row 1: GETCODE LIS, INITPROC1 LIS, INITREAL LIS
- Row 2: EXECIMAGE LIS
- Row 3: ERFSUMM LIS, INITBUS LIS, INITPROC4 LIS, RM53271 LIS
- Row 4: ERFSTAPEVE LIS, HEADER LIS
- Row 5: FILES LIS
- Row 6: ERLLOGSTS LIS, INITPROC2 LIS, INIT\_TAPE LIS
- Row 7: ERLLOGMSG LIS, INITDISK LIS, INITPROC5 LIS
- Row 8: IMAGELOAD LIS, INITPROC3 LIS, INTERVENE LIS

The listings themselves contain lines of alphanumeric characters, including headers like '\*\*\*\*\*', '\*\*\*\*\*', '\*\*\*\*\*', and various lines of code and data output. The overall appearance is that of a technical manual or a collection of program listings for the VAX/VMS system.