```
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**INITDISK

```
IIIIII    NN      NN   IIIIII   TTTTTTTTTT  DDDDDDDD     IIIIII     SSSSSSSS  KK      KK
IIIIII    NN      NN   IIIIII   TTTTTTTTTT  DDDDDDDD     IIIIII     SSSSSSSS  KK      KK
  II      NN      NN     II         TT      DD      DD     II      SS           KK      KK
  II      NN      NN     II         TT      DD      DD     II      SS           KK      KK
  II      NNNN    NN     II         TT      DD      DD     II      SS           KK    KK
  II      NNNN    NN     II         TT      DD      DD     II      SS           KK    KK
  II      NN  NN  NN     II         TT      DD      DD     II        SSSSSS     KKKKKK
  II      NN  NN  NN     II         TT      DD      DD     II        SSSSSS     KKKKKK
  II      NN    NNNN     II         TT      DD      DD     II              SS   KK    KK
  II      NN    NNNN     II         TT      DD      DD     II              SS   KK    KK
  II      NN      NN     II         TT      DD      DD     II              SS   KK      KK    ....
  II      NN      NN     II         TT      DD      DD     II              SS   KK      KK    ....
IIIIII    NN      NN   IIIIII       TT      DDDDDDDD     IIIIII  SSSSSSSS   KK      KK    ....
IIIIII    NN      NN   IIIIII       TT      DDDDDDDD     IIIIII  SSSSSSSS   KK      KK    ....

LL              IIIIII     SSSSSSSS
LL              IIIIII     SSSSSSSS
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 ERFDSKINI ( 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                                  *
0009    C*  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.                   *
0010    C*  ALL RIGHTS RESERVED.                                                     *
0011    C*                                                                           *
0012    C*  THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED    *
0013    C*  ONLY IN  ACCORDANCE WITH  THE  TERMS  OF  SUCH  LICENSE  AND WITH THE   *
0014    C*  INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR  ANY  OTHER    *
0015    C*  COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY    *
0016    C*  OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY    *
0017    C*  TRANSFERRED.                                                             *
0018    C*                                                                           *
0019    C*  THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE    *
0020    C*  AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT    *
0021    C*  CORPORATION.                                                             *
0022    C*                                                                           *
0023    C*  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS    *
0024    C*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                  *
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 ERFDISK.EXE.
0036    C       After ERFDISK 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**
```

```
0065     !  DEFINE DEVICE TYPES
0066     !
0067     !  DISK DEVICES
0068     !
0069           Parameter DC$_DISK = 1            !  DISK
0070
0071           Parameter DT$_RK06 =  1           ! RK06 DISK
0072           Parameter DT$_RK07 =  2           ! RK07 DISK
0073           Parameter DT$_RP04 =  3           ! RP04 DISK
0074           Parameter DT$_RP05 =  4           ! RP05 DISK
0075           Parameter DT$_RP06 =  5           ! RP06 DISK
0076           Parameter DT$_RM03 =  6           ! RM03 DISK
0077           Parameter DT$_RP07 =  7           ! RP07 DISK
0078           Parameter DT$_RP07HT =  8         ! RP07 DISK WITH HEAD/TRACK
0079           Parameter DT$_RL01 =  9           ! RL01 DISK
0080           Parameter DT$_RL02 =  10          ! RL02 DISK
0081           Parameter DT$_RX02 =  11          ! RX02 DISK
0082           Parameter DT$_RX04 =  12          ! RX04 DISK
0083           Parameter DT$_RM80 =  13          ! RM80 DISK
0084           Parameter DT$_TU58 =  14          ! TU58
0085           Parameter DT$_RM05 =  15          ! RM05 DISK
0086           Parameter DT$_RX01 =  16          ! RX01 DISK
0087           Parameter DT$_ML11 =  17          ! ML11 disk
0088           Parameter DT$_RB02 =  18          ! R02 ON RB730
0089           Parameter DT$_RB80 =  19          ! R80 ON RB730
0090           Parameter DT$_RA80 =  20          ! R80 ON INTELLIGENT CONTROLLER
0091           Parameter DT$_RA81 =  21          ! R81 ON INTELLIGENT CONTROLLER
0092           Parameter DT$_RA60 =  22          ! PINON ON INTELLIGENT CONTROLLER
0093           Parameter DT$_RZ01 =  23          ! AZTEC REMOVABLE
0094           Parameter DT$_RZF01 = 24          ! AZTEC FIXED
0095
0096           Parameter V1 = 1                        ! device module version number
0097
0098           Parameter       Maxtypes = 17
0099
0100           Integer*4       Array_addr, Array_size
0101
0102           Integer*2       Disk_codes ( 4 * Maxtypes )
0103
0104           Data            Disk_codes /
0105           1 DT$_RK06, DC$_DISK, V1, 2,            ! DM 1
0106           2 DT$_RK07, DC$_DISK, V1, 2,            ! DM 2
0107           3 DT$_RP04, DC$_DISK, V1, 1,            ! DB 3
0108           4 DT$_RP05, DC$_DISK, V1, 1,            ! DB 4
0109           5 DT$_RP06, DC$_DISK, V1, 1,            ! DB 5
0110           6 DT$_RM03, DC$_DISK, V1, 1,            ! DR 6
0111           7 DT$_RP07, DC$_DISK, V1, 1,            ! DR 7
0112     !     8 DT$_RP07, DC$_DISK, V1, 1,            ! DR
0113           9 DT$_RL01, DC$_DISK, V1, 3,            ! DL 8
0114           1 DT$_RL02, DC$_DISK, V1, 3,            ! DL 9
0115           2 DT$_RX02, DC$_DISK, V1, 4,            ! DY 10
0116           3 DT$_RX04, DC$_DISK, V1, 4,            ! D? 11
0117           4 DT$_RM80, DC$_DISK, V1, 1,            ! DR 12
0118           5 DT$_TU58, DC$_DISK, V1, 6,            ! DD 13
0119           6 DT$_RM05, DC$_DISK, V1, 1,            ! DR 14
0120     !     7 DT$_RX01, DC$_DISK, V1, 0,            ! DX
0121           8 DT$_ML11, DC$_DISK, V1, 7,            ! EM 15
```

```
0122            9 DT$_RB02, DC$_DISK, V1, 5,          ! DQ 16
0123            1 DT$_RB80, DC$_DISK, V1, 5/          ! DQ 17
0124
0125    !       2 DT$_RA80, DC$_DISK, V1, 0,
0126    !       3 DT$_RA81, DC$_DISK, V1, 0,
0127    !       4 DT$_RA60, DC$_DISK, V1, 0,
0128    !       5 DT$_RZ01, DC$_DISK, V1, 0,
0129    !       6 DT$_RZF01,DC$_DISK, V1, 0/
0130
0131            Array_addr = %LOC (disk_codes(1))
0132            Array_size = Maxtypes
0133
0134            Return
0135            End
```

PROGRAM SECTIONS

	Name	Bytes	Attributes
0	$CODE	20	PIC CON REL LCL SHR EXE RD NOWRT LONG
2	$LOCAL	136	PIC CON REL LCL NOSHR NOEXE RD WRT LONG
	Total Space Allocated	156	

ENTRY POINTS

Address	Type	Name
0-00000000		ERFDSKINI

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	DISK_CODES	136	(68)

COMMAND QUALIFIERS

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

/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:           0.97 seconds
Elapsed Time:       3.97 seconds
Page Faults:        101
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