FILEID**ERFDISK

```
EEEEEEEEEE  RRRRRRRR    FFFFFFFFFF  DDDDDDD    IIIIII     SSSSSSSS  KK      KK
EEEEEEEEEE  RRRRRRRR    FFFFFFFFFF  DDDDDDD    IIIIII     SSSSSSSS  KK      KK
EE          RR      RR  FF          DD     DD     II    SS          KK    KK
EE          RR      RR  FF          DD     DD     II    SS          KK  KK
EE          RR      RR  FF          DD     DD     II    SS          KK  KK
EE          RR      RR  FF          DD     DD     II    SS          KK KK
EEEEEEE     RRRRRRRR    FFFFFFF     DD     DD     II       SSSSSS    KKKKK
EEEEEEE     RRRRRRRR    FFFFFFF     DD     DD     II       SSSSSS    KKKKK
EE          RR  RR      FF          DD     DD     II           SS  KK  KK
EE          RR   RR     FF          DD     DD     II           SS  KK  KK
EE          RR    RR    FF          DD     DD     II           SS  KK    KK        ....
EE          RR     RR   FF          DD     DD     II           SS  KK    KK        ....
EEEEEEEEEE  RR      RR  FF          DDDDDDD    IIIIII     SSSSSSSS  KK      KK      ....
EEEEEEEEEE  RR      RR  FF          DDDDDDD    IIIIII     SSSSSSSS  KK      KK      ....


MM      MM    AAAAAA    PPPPPPPP
MM      MM    AAAAAA    PPPPPPPP
MMMM  MMMM  AA      AA  PP      PP
MMMM  MMMM  AA      AA  PP      PP
MM  MM  MM  AA      AA  PP      PP
MM  MM  MM  AA      AA  PP      PP
MM      MM  AA      AA  PPPPPPPP
MM      MM  AA      AA  PPPPPPPP
MM      MM  AAAAAAAAAA  PP
MM      MM  AAAAAAAAAA  PP
MM      MM  AA      AA  PP
MM      MM  AA      AA  PP
MM      MM  AA      AA  PP
MM      MM  AA      AA  PP
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                            +---------------------------+
                            ! Object Module Synopsis !
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Module Name	Ident	Bytes	File	Creation Date	Creator
ERFSHR	V04-000	0	_255DUA28:[ERF.OBJ]ERFSHR.EXE;1	16-SEP-1984 04:31	VAX-11 Linker V04-00
FORRTL	V04-000	0	_255DUA28:[SYSLIB]FORRTL.EXE;1	16-SEP-1984 04:07	VAX-11 Linker V04-00
LIBRTL	V04-000	0	_255DUA28:[SYSLIB]LIBRTL.EXE;1	16-SEP-1984 04:00	VAX-11 Linker V04-00
MTHRTL	V04-000	0	_255DUA28:[SYSLIB]MTHRTL.EXE;1	16-SEP-1984 04:04	VAX-11 Linker V04-00
ERFCOMMON	V04-000	0	_255DUA28:[ERF.OBJ]ERFCOMMON.EXE;1	16-SEP-1984 04:31	VAX-11 Linker V04-00
ERFDISKVECT	V04-000	64	_255DUA28:[ERF.OBJ]ERF.OLB;1	15-SEP-1984 23:56	VAX/VMS Macro V04-00
ERFDSKINI	01	156	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:03	VAX-11 FORTRAN V3.4-56
DBDRIVER_QIO	01	2112	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:06	VAX-11 FORTRAN V3.4-56
DRDRIVER_QIO	01	2113	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:06	VAX-11 FORTRAN V3.4-56
DQDISKS	01	6979	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:02	VAX-11 FORTRAN V3.4-56
DQDISKS_QIO	01	2058	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:02	VAX-11 FORTRAN V3.4-56
MASSDISK	01	14743	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:06	VAX-11 FORTRAN V3.4-56
ML11	01	6076	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:09	VAX-11 FORTRAN V3.4-56
ML11_QIO	01	2112	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:09	VAX-11 FORTRAN V3.4-56
RKDISK	01	7954	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:13	VAX-11 FORTRAN V3.4-56
RKDISK_QIO	01	2098	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:13	VAX-11 FORTRAN V3.4-56
RLDISK	01	5187	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:13	VAX-11 FORTRAN V3.4-56
RLDISK_QIO	01	2052	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:13	VAX-11 FORTRAN V3.4-56
RXDISK	01	6123	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:14	VAX-11 FORTRAN V3.4-56
RXDISK_QIO	01	2028	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:14	VAX-11 FORTRAN V3.4-56
TUTAPE	01	6673	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:16	VAX-11 FORTRAN V3.4-56
TUTAPE_QIO	01	2028	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:16	VAX-11 FORTRAN V3.4-56
MBA_CONTROL_REGISTERS 01		901	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
MBA_MAPPING_REGISTER 01		873	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
MBA_STATUS_REGISTER16_31 01		692	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
OUTPUTD	01	135	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:27	VAX-11 FORTRAN V3.4-56
RH780_CONTROL_REGISTERS 01		1947	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
RH780_MAPPING_REGISTER 01		500	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
RH780_STATUS_REGISTER16_31 01		400	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
RH750_CONTROL_REGISTERS 01		2021	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
RH750_MAPPING_REGISTER 01		500	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
RH750_STATUS_REGISTER16_31 01		560	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
VECMAPREG	01	1184	_255DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:31	VAX-11 FORTRAN V3.4-56

Module Name	Ident	Bytes	File		Creation Date	Creator

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                          +-----------------------------------------------+
                          ! Module Relocatable Reference Synopsis !
                          +-----------------------------------------------+
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Module Name	Number	Module Name	Number	Module Name	Number
DBDRIVER_QIO	2	DRDRIVER_QIO	2	DQDISKS	245
DQDISKS_QIO	2	MASSDISK	482	ML11	197
ML11_QIO	2	RKDISK	173	RKDISK_QIO	2
RLDISK	140	RLDISK_QIO	2	RXDISK	171
RXDISK_QIO	2	TUTAPE	114	TUTAPE_QIO	2
MBA_CONTROL_REGISTERS	5	MBA_MAPPING_REGISTER	4	MBA_STATUS_REGISTER16_31	4
OUTPUTD	2	RH780_CONTROL_REGISTERS	33	RH780_MAPPING_REGISTER	9
RH780_STATUS_REGISTER16_31	15	RH750_CONTROL_REGISTERS	47	RH750_MAPPING_REGISTER	9
RH750_STATUS_REGISTER16_31	29	VECMAPREG	39		

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                                         +-----------------------------+
                                         ! Image Section Synopsis !
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    Cluster        Type Pages    Base Addr   Disk VBN PFC Protection and Paging      Global Sec. Name   Match       Majorid   Minorid
    -------        ---- -----    ---------   -------- --- ---------------------      ----------------   -----       -------   -------

 ERFSHR             1     2      00000000-R      0    0 READ ONLY                     ERFSHR_001        LESS/EQUAL     1          0
                    2     2      00000400-R      0    0 READ ONLY                     ERFSHR_002        LESS/EQUAL     1          0
                    4    17      00000800-R      0    0 READ WRITE    COPY ON REF     ERFSHR_003        LESS/EQUAL     1          0
                    4    40      00002A00-R      0    0 READ WRITE    COPY ON REF     ERFSHR_004        LESS/EQUAL     1          0
                    4    53      00007A00-R      0    0 READ ONLY                     ERFSHR_005        LESS/EQUAL     1          0
                    4     4    P-0000E400-R      0    0 READ ONLY                     ERFSHR_006        LESS/EQUAL     1          0
                    2    10      0000EC00-R      0    0 READ WRITE    FIXUP VECTORS   ERFSHR_007        LESS/EQUAL     1          0

 FORRTL             3    63      00000000-R      0    0 READ ONLY                     FORRTL_001        LESS/EQUAL     1        100
                    4     2      00007E00-R      0    0 READ WRITE    COPY ON REF     FORRTL_002        LESS/EQUAL     1        100
                    2     1      00008200-R      0    0 READ WRITE    FIXUP VECTORS   FORRTL_003        LESS/EQUAL     1        100

 LIBRTL             3   111      00000000-R      0    0 READ ONLY                     LIBRTL_001        LESS/EQUAL     1         11
                    4     1      0000DE00-R      0    0 READ WRITE DEMAND ZERO        LIBRTL_002        LESS/EQUAL     1         11

 MTHRTL             3   115      00000000-R      0    0 READ ONLY                     MTHRTL_001        LESS/EQUAL   129      32778
                    2     1      0000E600-R      0    0 READ WRITE    FIXUP VECTORS   MTHRTL_002        LESS/EQUAL   129      32778

 ERFCOMMON          4    13      00000000-R      0    0 READ WRITE    COPY ON REF     ERFCOMMON_001     LESS/EQUAL     1          0

 DEFAULT_CLUSTER    2     1      00000000-R      2    0 READ ONLY
                    4    15      00000200-R      3    0 READ ONLY
                    4    58      00002000-R     18    0 READ WRITE    COPY ON REF
                    4    56      00009400-R     76    0 READ ONLY
                    2    15      00010400-R    132    0 READ WRITE    FIXUP VECTORS


        Key for special characters above:
            +--------------------+
            ! R  - Relocatable !
            ! P  - Protected   !
            +--------------------+
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_255DUA28:[ERF.OBJ]ERFDISK.EXE;1
          I 11
16-SEP-1984 04:36   VAX-11 Linker V04-00   Page 4

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                        +------------------------------+
                        ! Program Section Synopsis !
                        +------------------------------+
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Psect Name	Module Name	Base	End	Length		Align	Attributes
$$ERFDISKVECT		00000000	0000003F	00000040 (	64.)	BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	ERFDISKVECT	00000000	0000003F	00000040 (	64.)	BYTE 0	
$PDATA		00000200	00001E0B	00001C0C (	7180.)	LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD,NOWRT,NOVEC
	ERFDSKINI	00000200	00000200	00000000 (	0.)	LONG 2	
	DBDRIVER_QIO	00000200	00000207	00000008 (	8.)	LONG 2	
	DRDRIVER_QIO	00000208	0000020F	00000008 (	8.)	LONG 2	
	DQDISKS	00000210	00000489	0000027A (	634.)	LONG 2	
	DQDISKS_QIO	0000048C	00000493	00000008 (	8.)	LONG 2	
	MASSDISR	00000494	00000989	000004F6 (	1270.)	LONG 2	
	ML11	0000098C	00000C6E	000002E3 (	739.)	LONG 2	
	ML11_QIO	00000C70	00000C77	00000008 (	8.)	LONG 2	
	RKDISK	00000C78	00000F8C	00000315 (	789.)	LONG 2	
	RKDISK_QIO	00000F90	00000F97	00000008 (	8.)	LONG 2	
	RLDISK	00000F98	0000117E	000001E7 (	487.)	LONG 2	
	RLDISK_QIO	00001180	00001187	00000008 (	8.)	LONG 2	
	RXDISK	00001188	00001549	000003C2 (	962.)	LONG 2	
	RXDISK_QIO	0000154C	00001553	00000008 (	8.)	LONG 2	
	TUTAPE	00001554	000018DD	0000038A (	906.)	LONG 2	
	TUTAPE_QIO	000018E0	000018E7	00000008 (	8.)	LONG 2	
	MBA_CONTROL_REGISTERS	000018E8	00001910	00000029 (	41.)	LONG 2	
	MBA_MAPPING_REGISTER	00001914	00001959	00000046 (	70.)	LONG 2	
	MBA_STATUS_REGISTER16_31	0000195C	00001963	00000008 (	8.)	LONG 2	
	OUTPUTD	00001964	00001973	00000010 (	16.)	LONG 2	
	RH780_CONTROL_REGISTERS	00001974	00001AB6	00000143 (	323.)	LONG 2	
	RH780_MAPPING_REGISTER	00001AB8	00001B34	0000007D (	125.)	LONG 2	
	RH780_STATUS_REGISTER16_31	00001B38	00001B49	00000012 (	18.)	LONG 2	
	RH750_CONTROL_REGISTERS	00001B4C	00001C7D	00000132 (	306.)	LONG 2	
	RH750_MAPPING_REGISTER	00001C80	00001CFC	0000007D (	125.)	LONG 2	
	RH750_STATUS_REGISTER16_31	00001D00	00001D15	00000016 (	22.)	LONG 2	
	VECMAPREG	00001D18	00001E0B	000000F4 (	244.)	LONG 2	
$LOCAL		00002000	00009383	00007384 (	29572.)	LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	ERFDSKINI	00002000	00002087	00000088 (	136.)	LONG 2	
	DBDRIVER_QIO	00002088	000022AB	00000224 (	548.)	LONG 2	
	DRDRIVER_QIO	000022AC	000024CF	00000224 (	548.)	LONG 2	
	DQDISKS	000024D0	0000306B	00000B9C (	2972.)	LONG 2	
	DQDISKS_QIO	0000306C	0000328F	00000224 (	548.)	LONG 2	
	MASSDISR	00003290	00004D7F	00001AF0 (	6896.)	LONG 2	

Psect Name	Module Name	Base	End	Length		Align	Attributes
$LOCAL		00002000	00009383	00007384	(29572.)	LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	ML11	00004D80	000055C3	00000844	(2116.)	LONG 2	
	ML11_QIO	000055C4	000057E7	00000224	(548.)	LONG 2	
	RKDISK	000057E8	000066AB	00000EC4	(3780.)	LONG 2	
	RKDISK_QIO	000066AC	000068CF	00000224	(548.)	LONG 2	
	RLDISK	000068D0	00007057	00000788	(1928.)	LONG 2	
	RLDISK_QIO	00007058	0000727B	00000224	(548.)	LONG 2	
	RXDISK	0000727C	00007A73	000007F8	(2040.)	LONG 2	
	RXDISK_QIO	00007A74	00007C97	00000224	(548.)	LONG 2	
	TUTAPE	00007C98	0000846F	000007D8	(2008.)	LONG 2	
	TUTAPE_QIO	00008470	00008693	00000224	(548.)	LONG 2	
	MBA_CONTROL_REGISTERS						
		00008694	000086FB	00000068	(104.)	LONG 2	
	MBA_MAPPING_REGISTER						
		000086FC	00008733	00000038	(56.)	LONG 2	
	MBA_STATUS_REGISTER16_31						
		00008734	0000875B	00000028	(40.)	LONG 2	
	OUTPUTD	0000875C	0000877B	00000020	(32.)	LONG 2	
	RH780_CONTROL_REGISTERS						
		0000877C	00008A87	0000030C	(780.)	LONG 2	
	RH780_MAPPING_REGISTER						
		00008A88	00008AE7	00000060	(96.)	LONG 2	
	RH780_STATUS_REGISTER16_31						
		00008AE8	00008C37	00000150	(336.)	LONG 2	
	RH750_CONTROL_REGISTERS						
		00008C38	00008FB7	00000380	(896.)	LONG 2	
	RH750_MAPPING_REGISTER						
		00008FB8	00009017	00000060	(96.)	LONG 2	
	RH750_STATUS_REGISTER16_31						
		00009018	000091D3	000001BC	(444.)	LONG 2	
	VECMAPREG	000091D4	00009383	000001B0	(432.)	LONG 2	
$CODE		00009400	0001030F	00006F10	(28432.)	LONG 2	PIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	ERFDSKINI	00009400	00009413	00000014	(20.)	LONG 2	
	DBDRIVER_QIO	00009414	00009548	00000135	(309.)	LONG 2	
	DRDRIVER_QIO	0000954C	00009681	00000136	(310.)	LONG 2	
	DQDISKS	00009684	0000A1B0	00000B2D	(2861.)	LONG 2	
	DQDISKS_QIO	0000A1B4	0000A2B2	000000FF	(255.)	LONG 2	
	MASSDISK	0000A2B4	0000BA64	000017B1	(6065.)	LONG 2	
	ML11	0000BA68	0000C4FC	00000A95	(2709.)	LONG 2	
	ML11_QIO	0000C500	0000C634	00000135	(309.)	LONG 2	
	RKDISK	0000C638	0000D170	00000B39	(2873.)	LONG 2	
	RKDISK_QIO	0000D174	0000D29A	00000127	(295.)	LONG 2	
	RLDISK	0000D29C	0000DB6F	000008D4	(2260.)	LONG 2	
	RLDISK_QIO	0000DB70	0000DC68	000000F9	(249.)	LONG 2	
	RXDISK	0000DC6C	0000E69C	00000A31	(2609.)	LONG 2	
	RXDISK_QIO	0000E6A0	0000E780	000000E1	(225.)	LONG 2	
	TUTAPE	0000E784	0000F432	00000CAF	(3247.)	LONG 2	
	TUTAPE_QIO	0000F434	0000F514	000000E1	(225.)	LONG 2	
	MBA_CONTROL_REGISTERS						
		0000F518	0000F60B	000000F4	(244.)	LONG 2	
	MBA_MAPPING_REGISTER						

Psect Name	Module Name	Base	End	Length		Align	Attributes
$CODE		00009400	0001030F	00006F10	(28432.)	LONG 2	PIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
		0000F60C	0000F6F6	000000EB	(235.)	LONG 2	
	MBA_STATUS_REGISTER16_31						
		0000F6F8	0000F77B	00000084	(132.)	LONG 2	
	OUTPUTD	0000F77C	0000F7D2	00000057	(87.)	LONG 2	
	RH780_CONTROL_REGISTERS						
		0000F7D4	0000FB1F	0000034C	(844.)	LONG 2	
	RH780_MAPPING_REGISTER						
		0000FB20	0000FC36	00000117	(279.)	LONG 2	
	RH780_STATUS_REGISTER16_31						
		0000FC38	0000FC65	0000002E	(46.)	LONG 2	
	RH750_CONTROL_REGISTERS						
		0000FC68	0000FF9A	00000333	(819.)	LONG 2	
	RH750_MAPPING_REGISTER						
		0000FF9C	000100B2	00000117	(279.)	LONG 2	
	RH750_STATUS_REGISTER16_31						
		000100B4	00010111	0000005E	(94.)	LONG 2	
	VECMAPREG	00010114	0001030F	000001FC	(508.)	LONG 2	

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                         +---------------------------+
                         ! Symbol Cross Reference !
                         +---------------------------+

Symbol                   Value         Defined By           Referenced By ...
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CALC_MAP                 0001048C-RX   ERFSHR               DQDISKS
                                                            RKDISK
                                                            RLDISK
CALC_MAP2                00010484-RX   ERFSHR               DQDISKS
                                                            RKDISK
                                                            RLDISK
COMPRESS4                000104A4-RX   ERFSHR               DQDISKS
                                                            MASSDISK
                                                            MBA_CONTROL_REGISTERS
                                                            MBA_MAPPING_REGISTER
                                                            ML11
                                                            RH750_CONTROL_REGISTERS
                                                            RH750_MAPPING_REGISTER
                                                            RH780_CONTROL_REGISTERS
                                                            RH780_MAPPING_REGISTER
                                                            RKDISK
                                                            RLDISK
                                                            RXDISK
                                                            TUTAPE
                                                            VECMAPREG
COMPRESSC                000104A0-RX   ERFSHR               DQDISKS
                                                            MASSDISK
                                                            ML11
                                                            OUTPUTD
                                                            RKDISK
                                                            RLDISK
                                                            RXDISK
                                                            TUTAPE
COMPRESSF                00010448-RX   ERFSHR               RH750_MAPPING_REGISTER
                                                            RH780_MAPPING_REGISTER
DBDRIVER_QIO             00009414-R    DBDRIVER_QIO         MASSDISK
DHEAD1                   00010498-RX   ERFSHR               DQDISKS
                                                            MASSDISK
                                                            ML11
                                                            RKDISK
                                                            RLDISK
                                                            RXDISK
                                                            TUTAPE
DISKINIT                 00000000-R    ERFDISKVECT
DQDISKS                  00009684-RU   DQDISKS              ERFDISKVECT
DQDISKS_QIO              0000A1B4-R    DQDISKS_QIO          DQDISKS
DRDRIVER_QIO             0000954C-R    DRDRIVER_QIO         MASSDISK
ERFDSKINI                00009400-RU   ERFDSKINI            ERFDISKVECT
FOR$INI_DES1_R2          000104B8-RX   FORRTL               MBA_CONTROL_REGISTERS
FOR$IO_B_R               000104BC-RX   FORRTL               TUTAPE
FOR$IO_END               000104D4-RX   FORRTL               DQDISKS
                                                            MASSDISK
                                                            MBA_CONTROL_REGISTERS
                                                            MBA_MAPPING_REGISTER
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Symbol	Value	Defined By	Referenced By ...
			ML11
			OUTPUTD
			RH750_CONTROL_REGISTERS
			RH750_MAPPING_REGISTER
			RH780_CONTROL_REGISTERS
			RH780_MAPPING_REGISTER
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
			VECMAPREG
FOR$IO_F_R	000104B4-RX	FORRTL	RH750_MAPPING_REGISTER
FOR$IO_L_R	000104D0-RX	FORRTL	RH780_MAPPING_REGISTER
			DQDISKS
			MASSDISK
			MBA_CONTROL_REGISTERS
			MBA_MAPPING_REGISTER
			ML1T
			RH750_CONTROL_REGISTERS
			RH750_MAPPING_REGISTER
			RH780_CONTROL_REGISTERS
			RH780_MAPPING_REGISTER
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
			VECMAPREG
FOR$IO_L_V	000104CC-RX	FORRTL	DQDISKS
			RKDISK
FOR$IO_T_DS	000104C8-RX	FORRTL	RXDISK
			DQDISKS
			MASSDISK
			MBA_CONTROL_REGISTERS
			ML1T
			OUTPUTD
			RH750_CONTROL_REGISTERS
			RH750_MAPPING_REGISTER
			RH780_CONTROL_REGISTERS
			RH780_MAPPING_REGISTER
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
			VECMAPREG
FOR$IO_W_R	000104C0-RX	FORRTL	RXDISK
FOR$WRITE_SF	000104C4-RX	FORRTL	DQDISKS
			MASSDISK
			MBA_CONTROL_REGISTERS
			MBA_MAPPING_REGISTER
			ML1T
			OUTPUTD
			RH750_CONTROL_REGISTERS

Symbol	Value	Defined By	Referenced By ...
			RH750_MAPPING_REGISTER
			RH780_CONTROL_REGISTERS
			RH780_MAPPING_REGISTER
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
			VECMAPREG
FRCTOF	0001049C-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
IRP$L_PID	00010454-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
IRP$Q_IOSB	00010450-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
IRP$W_BCNT	0001045C-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
IRP$W_BOFF	00010458-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
IRP$W_FUNC	000104A8-RX	ERFSHR	DBDRIVER_QIO
			DQDISKS_QIO
			DRDRIVER_QIO
			ML11_QIO
			RKDISK_QIO
			RLDISK_QIO
			RXDISK_QIO
			TUTAPE_QIO
LIB$EXTV	000104E0-RX	LIBRTL	RH750_CONTROL_REGISTERS

Symbol	Value	Defined By	Referenced By ...
LIB$EXTZV	000104EC-RX	LIBRTL	RH780_CONTROL_REGISTERS DBDRIVER_QIO DQDISKS DQDISKS_QIO DRDRIVER_QIO MASSDISK MBA_CONTROL_REGISTERS MBA_MAPPING_REGISTER MBA_STATUS_REGISTER16_31 ML1T ML11_QIO RH750_CONTROL_REGISTERS RH750_MAPPING_REGISTER RH780_CONTROL_REGISTERS RH780_MAPPING_REGISTER RKDISK RKDISK_QIO RLDISK RLDISK_QIO RXDISK RXDISK_QIO TUTAPE TUTAPE_QIO VECMAPREG
LIB$INDEX	000104E4-RX	LIBRTL	RLDISK
LIB$LOCC	000104E8-RX	LIBRTL	MASSDISK
LINCHK	00010494-RX	ERFSHR	DQDISKS MASSDISK MBA_CONTROL_REGISTERS MBA_MAPPING_REGISTER ML1T OUTPUTD RH750_CONTROL_REGISTERS RH750_MAPPING_REGISTER RH780_CONTROL_REGISTERS RH780_MAPPING_REGISTER RKDISK RLDISK RXDISK TUTAPE VECMAPREG
MASSDISK	0000A2B4-RU	MASSDISK	ERFDISKVECT
MBA_CONTROL_REGISTERS	0000F518-R	MBA_CONTROL_REGISTERS	MASSDISK
MBA_MAPPING_REGISTER	0000F60C-R	MBA_MAPPING_REGISTER	ML11 MASSDISK
MBA_STATUS_REGISTER16_31	0000F6F8-R	MBA_STATUS_REGISTER16_31	ML11 MASSDISK
ML11	0000BA68-RU	ML11	ML11 ERFDISKVECT
ML11_QIO	0000C500-R	ML11_QIO	ML11
ORB$C_OWNER	00010474-RX	ERFSAR	DQDISKS MASSDISK

Symbol	Value	Defined By	Referenced By ...
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
OUTPUT	00010490-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RH750_CONTROL_REGISTERS
			RH750_STATUS_REGISTER16_31
			RH780_CONTROL_REGISTERS
			RH780_STATUS_REGISTER16_31
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
			VECMAPREG
OUTPUTD	0000F77C-R	OUTPUTD	MASSDISK
RH750_CONTROL_REGISTERS	0000FC68-R	RH750_CONTROL_REGISTERS	MBA_CONTROL_REGISTERS
RH750_MAPPING_REGISTER	0000FF9C-R	RH750_MAPPING_REGISTER	MBA_MAPPING_REGISTER
RH750_STATUS_REGISTER16_31	000100B4-R	RH750_STATUS_REGISTER16_31	MBA_STATUS_REGISTER16_31
			RH750_CONTROL_REGISTERS
RH780_CONFIGURATION_REGISTER	0001044C-RX	ERFSHR	RH780_CONTROL_REGISTERS
RH780_CONTROL_REGISTERS	0000F7D4-R	RH780_CONTROL_REGISTERS	MBA_CONTROL_REGISTERS
RH780_MAPPING_REGISTER	0000FB20-R	RH780_MAPPING_REGISTER	MBA_MAPPING_REGISTER
RH780_STATUS_REGISTER16_31	0000FC38-R	RH780_STATUS_REGISTER16_31	MBA_STATUS_REGISTER16_31
			RH780_CONTROL_REGISTERS
RKDISK	0000C638-RU	RKDISK	ERFDISKVECT
RKDISK_QIO	0000D174-R	RKDISK_QIO	RKDISK
RLDISK	0000D29C-RU	RLDISK	ERFDISKVECT
RLDISK_QIO	0000DB70-R	RLDISK_QIO	RLDISK
RXDISK	0000DC6C-RU	RXDISK	ERFDISKVECT
RXDISK_QIO	0000E6A0-R	RXDISK_QIO	RXDISK
TUTAPE	0000E784-RU	TUTAPE	ERFDISKVECT
TUTAPE_QIO	0000F434-R	TUTAPE_QIO	TUTAPE
UBA_DATAPATH	00010488-RX	ERFSHR	DQDISKS
			RKDISK
			RLDISK
			RXDISK
UBA_MAPPING	00010480-RX	ERFSHR	DQDISKS
			RKDISK
			RLDISK
			RXDISK
UCB$B_ERTCNT	0001047C-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
UCB$B_ERTMAX	00010478-RX	ERFSHR	DQDISKS
			MASSDISK

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Symbol	Value	Defined By	Referenced By ...
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
UCB$L_CHAR	00010470-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
UCB$L_MEDIA	00010460-RX	ERFSHR	DQDISKS
			MASSDISK
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
UCB$L_OPCNT	00010468-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
UCB$W_ERRCNT	00010464-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
UCB$W_STS	0001046C-RX	ERFSHR	DQDISKS
			MASSDISK
			ML11
			RKDISK
			RLDISK
			RXDISK
			TUTAPE
VECMAPREG	00010114-R	VECMAPREG	DQDISKS

```
                                    +--------------------+
                                    ! Symbols By Value !
                                    +--------------------+


Value                                         Symbols...
-----                                         ----------
00000000        R-DISKINIT
00009400        R-ERFDSKINI
00009414        R-DBDRIVER_QIO
0000954C        R-DRDRIVER_QIO
00009684        R-DQDISKS
0000A1B4        R-DQDISKS_QIO
0000A2B4        R-MASSDISK
0000BA68        R-ML11
0000C500        R-ML11_QIO
0000C638        R-RKDISK
0000D174        R-RKDISK_QIO
0000D29C        R-RLDISK
0000DB70        R-RLDISK_QIO
0000DC6C        R-RXDISK
0000E6A0        R-RXDISK_QIO
0000E784        R-TUTAPE
0000F434        R-TUTAPE_QIO
0000F518        R-MBA_CONTROL_REGISTERS
0000F60C        R-MBA_MAPPING_REGISTER
0000F6F8        R-MBA_STATUS_REGISTER16_31
0000F77C        R-OUTPUTD
0000F7D4        R-RH780_CONTROL_REGISTERS
0000FB20        R-RH780_MAPPING_REGISTER
0000FC38        R-RH780_STATUS_REGISTER16_31
0000FC68        R-RH750_CONTROL_REGISTERS
0000FF9C        R-RH750_MAPPING_REGISTER
000100B4        R-RH750_STATUS_REGISTER16_31
00010114        R-VECMAPREG
00010448        RX-COMPRESSF
0001044C        RX-RH780_CONFIGURATION_REGISTER
00010450        RX-IRP$Q_IOSB
00010454        RX-IRP$L_PID
00010458        RX-IRP$W_BOFF
0001045C        RX-IRP$W_BCNT
00010460        RX-UCB$L_MEDIA
00010464        RX-UCB$W_ERRCNT
00010468        RX-UCB$L_OPCNT
0001046C        RX-UCB$W_STS
00010470        RX-UCB$L_CHAR
00010474        RX-ORB$L_OWNER
00010478        RX-MCB$B_ERTMAX
0001047C        RX-UCB$B_ERTCNT
00010480        RX-UBA_MAPPING
00010484        RX-CALC_MAP2
00010488        RX-UBA_DATAPATH
0001048C        RX-CALC_MAP
00010490        RX-OUTPUT
00010494        RX-LINCHK
00010498        RX-DHEAD1
```

Value   Symbols...
-----   ----------
0001049C   RX-FRCTOF
000104A0   RX-COMPRESSC
000104A4   RX-COMPRESS4
000104A8   RX-IRP$W_FUNC
000104B4   RX-FOR$IO_F_R
000104B8   RX-FOR$INI_DES1_R2
000104BC   RX-FOR$IO_B_R
000104C0   RX-FOR$IO_W_R
000104C4   RX-FOR$WRITE_SF
000104C8   RX-FOR$IO_T_DS
000104CC   RX-FOR$IO_L_V
000104D0   RX-FOR$IO_L_R
000104D4   RX-FOR$IO_END
000104E0   RX-LIB$EXTV
000104E4   RX-LIB$INDEX
000104E8   RX-LIB$LOCC
000104EC   RX-LIB$EXTZV

              Key for special characters above:
                  +--------------------+
                  ! * - Undefined   !
                  ! U - Universal   !
                  ! R - Relocatable   !
                  ! X - External   !
                  +--------------------+

```
                                        +-----------------+
                                        ! Image Synopsis !
                                        +-----------------+


Virtual memory allocated:                       00000000 000121FF 00012200 (74240. bytes, 145. pages)
Stack size:                                              0. pages
Image header virtual block limits:                       1.      1. (     1. block)
Image binary virtual block limits:                       2.     74. (    73. blocks)
Image name and identification:                  ERFDISK_V04-000
Number of files:                                         7.
Number of modules:                                      33.
Number of program sections:                             19.
Number of global symbols:                              934.
Number of cross references:                            362.
Number of image sections:                               20.
User transfer address:                          00000000
Number of address fixups:                             1744.
Number of code references to shareable images:          38.
Image type:                                     PIC, SHAREABLE. Global Section Match=LESS/EQUAL, Ident, Major=1, Minor=0
Map format:                                     FULL WITH CROSS REFERENCE in file _$255$DUA28:[ERF.LIS]ERFDISK.MAP;1
Estimated map length:                           187. blocks

                                        +------------------------+
                                        ! Link Run Statistics !
                                        +------------------------+


Performance Indicators                          Page Faults    CPU Time           Elapsed Time
----------------------                          -----------    --------           ------------
        Command processing:                            153    00:00:01.40        00:00:02.14
        Pass 1:                                        225    00:00:02.12        00:00:10.44
        Allocation/Relocation:                          40    00:00:00.22        00:00:00.88
        Pass 2:                                        208    00:00:04.85        00:00:14.59
        Map data after object module synopsis:          16    00:00:01.30        00:00:02.45
        Symbol table output:                             4    00:00:00.04        00:00:01.17
Total run values:                                      646    00:00:09.93        00:00:31.67

Using a working set limited to 1350 pages and 559 pages of data storage (excluding image)

Total number object records read (both passes):   809
    of which 364 were in libraries and 100 were DEBUG data records containing 7030 bytes

Number of modules extracted explicitly          = 28
    with 0 extracted to resolve undefined symbols

0 library searches were for symbols not in the library searched

A total of 5 global symbol table records was written

LINK/USERLIB=PROC/NOTRACE/MAP=MAP$:ERFDISK/FULL/CROSS/SHARE=EXE$:ERFDISK LIB$:ERF/INCLUDE=(ERFDISKVECT,ERFDSKINI,DBDRIVER_QIO,DRDRIV
ER_QIO,DQDISKS,DQDISKS_QIO,MASSDISK,ML11,ML11_QIO,RKDISK,RKDISK_QIO,RLDISK,RLDISK_QIO,RXDISK,RXDISK_QIO,TUTAPE,TUTAPE_QIO),COM$:MBA/
OPT,PSECTATTR/OPT
LIB$:ERF/include=( mba_control_registers, mba_mapping_register, -
mba_status_register16_31, outputd, rh780_control_registers, -
rh780_mapping_register, rh780_status_register16_31, rh750_control_registers, -
rh750_mapping_register, rh750_status_register16_31, vecmapreg  )
EXE$:erfshr.exe/share
```

```
EXE$:erfcommon.exe/share
gsmatch=lequal,1,0
psect_attr=$blank,noshr
psect_attr=$pdata,noshr
psect_attr=$code,noshr
psect_attr=devchar,noshr
psect_attr=dr32,noshr
psect_attr=emb,noshr
psect_attr=erfcom,noshr
psect_attr=mode,noshr
psect_attr=mrd,noshr
psect_attr=opcode,noshr
psect_attr=qiocommon,noshr
psect_attr=sa,noshr
psect_attr=syecom,noshr
psect_attr=trans_addr,noshr
psect_attr=tables,noshr
psect_attr=_lib$code,noshr
psect_attr=_img$code,noshr
```

VAXLOAD
LIS

ERFBRIEF
MAP

ERFPROC1
MAP

ERFDISK
MAP

ERFBUS
MAP

ERFINICOM
MAP

ERFCOMMON
MAP

VAXSTATUS
LIS

ENCRYP   ERF

ENCSTUBS   ERF
LIS   MAP

ERFPROC2
MAP

VAXSTRING
LIS