







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
OUTPUT	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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<u>Cluster</u>	<u>Type</u>	<u>Pages</u>	<u>Base Addr</u>	<u>Disk VBN</u>	<u>PFC</u>	<u>Protection and Paging</u>	<u>Global Sec. Name</u>	<u>Match</u>	<u>Majorid</u>	<u>Minorid</u>
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:

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

<u>Psect Name</u>	<u>Module Name</u>	<u>Base</u>	<u>End</u>	<u>Length</u>	<u>Align</u>	<u>Attributes</u>			
\$LOCAL	ML11	00002000	00009383	00007384 (	29572.)	LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC		
	ML11_QIO	00004D80	000055C3	00000844 (	2116.)	LONG 2			
	RKDISK	000055C4	000057E7	00000224 (	548.)	LONG 2			
	RKDISK_QIO	000057E8	000066AB	00000EC4 (	3780.)	LONG 2			
	RLDISK	000066AC	000068CF	00000224 (	548.)	LONG 2			
	RLDISK_QIO	000068D0	00007057	00000788 (	1928.)	LONG 2			
	RXDISK	00007058	0000727B	00000224 (	548.)	LONG 2			
	RXDISK_QIO	0000727C	00007A73	000007F8 (	2040.)	LONG 2			
	TUTAPE	00007A74	00007C97	00000224 (	548.)	LONG 2			
	TUTAPE_QIO	00007C98	0000846F	000007D8 (	2008.)	LONG 2			
	MBA_CONTROL_REGISTERS	00008470	00008693	00000224 (	548.)	LONG 2			
	MBA_MAPPING_REGISTER	00008694	000086FB	00000068 (	104.)	LONG 2			
	MBA_STATUS_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	00008AEB	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	ERFDISKINI	00009400	0001030F	00006F10 (	28432.)		LONG 2	PIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
		DBDRIVER_QIO	00009400	00009413	00000014 (	20.)		LONG 2	
		DRDRIVER_QIO	00009414	00009548	00000135 (	309.)		LONG 2	
		DQDISKS	0000954C	00009681	00000136 (	310.)		LONG 2	
		DQDISKS_QIO	00009684	0000A1B0	00000B2D (	2861.)		LONG 2	
		MASSDISK	0000A1B4	0000A2B2	000000FF (	255.)		LONG 2	
		ML11	0000A2B4	0000BA64	000017B1 (	6065.)		LONG 2	
		ML11_QIO	0000BA68	0000C4FC	00000A95 (	2709.)		LONG 2	
		RKDISK	0000C500	0000C634	00000135 (	309.)		LONG 2	
		RKDISK_QIO	0000C638	0000D170	00000B39 (	2873.)		LONG 2	
RLDISK		0000D174	0000D29A	00000127 (	295.)	LONG 2			
RLDISK_QIO		0000D29C	0000DB6F	000008D4 (	2260.)	LONG 2			
RXDISK		0000DB70	0000DC68	000000F9 (	249.)	LONG 2			
RXDISK_QIO		0000DC6C	0000E69C	00000A31 (	2609.)	LONG 2			
TUTAPE		0000E6A0	0000E780	000000E1 (	225.)	LONG 2			
TUTAPE_QIO		0000E784	0000F432	00000CAF (	3247.)	LONG 2			
MBA_CONTROL_REGISTERS		0000F434	0000F514	000000E1 (	225.)	LONG 2			
MBA_MAPPING_REGISTER		0000F518	0000F60B	000000F4 (	244.)	LONG 2			

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<u>Psect Name</u>	<u>Module Name</u>	<u>Base</u>	<u>End</u>	<u>Length</u>	<u>Align</u>	<u>Attributes</u>	
\$CODE		00009400	0001030F	00006F1C (	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 !  
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Symbol	Value	Defined By	Referenced By ...	Psec
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CALC_MAP	0001048C-RX	ERFSHR	DQDISKS RKDISK RLDISK	SERF
CALC_MAP2	00010484-RX	ERFSHR	DQDISKS RKDISK RLDISK	SPDA
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	SLOC
COMPRESSC	000104A0-RX	ERFSHR	VECMAPREG DQDISKS MASSDISK ML11 OUTPUTD RKDISK RLDISK RXDISK TUTAPE	SCOD
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	
ERFDSKINT	00009400-RU	ERFDSKINT	ERFDISKVECT	
FOR\$INI_DES1_R2	000104B8-RX	FORRTL	MBA_CONTROL_REGISTERS	
FOR\$IO_B_R	0001048C-RX	FORRTL	TUTAPE	
FOR\$IO_END	000104D4-RX	FORRTL	DQDISKS MASSDISK MBA_CONTROL_REGISTERS MBA_MAPPING_REGISTER	

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 RH780_MAPPING_REGISTER
FOR\$IO_L_R	000104D0-RX	FORRTL	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
FOR\$IO_L_V	000104CC-RX	FORRTL	DQDISKS RKDISK RXDISK
FOR\$IO_T_DS	000104C8-RX	FORRTL	DQDISKS MASSDISK MBA_CONTROL_REGISTERS ML11 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 ML11 OUTPUTD RH750_CONTROL_REGISTERS

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<u>Symbol</u>	<u>Value</u>	<u>Defined By</u>	<u>Referenced By ...</u>
UCBSL_CHAR	00010470-RX	ERFSHR	ML11 RKDISK RLDISK RXDISK TUTAPE DQDISKS MASSDISK
UCBSL_MEDIA	00010460-RX	ERFSHR	ML11 RKDISK RLDISK RXDISK TUTAPE DQDISKS MASSDISK
UCBSL_OPCNT	00010468-RX	ERFSHR	RKDISK RLDISK RXDISK TUTAPE DQDISKS MASSDISK
UCBSW_ERRCNT	00010464-RX	ERFSHR	ML11 RKDISK RLDISK RXDISK TUTAPE DQDISKS MASSDISK
UCBSW_STS	0001046C-RX	ERFSHR	ML11 RKDISK RLDISK RXDISK TUTAPE DQDISKS MASSDISK
VECMAPREG	00010114-R	VECMAPREG	ML11 RKDISK RLDISK RXDISK TUTAPE DQDISKS

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! Symbols By Value !  
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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-IRPSQ_IOSB
00010454	RX-IRPSL_PID
00010458	RX-IRPSW_BOFF
0001045C	RX-IRPSW_BCNT
00010460	RX-UCBSL_MEDIA
00010464	RX-UCBSW_ERRCNT
00010468	RX-UCBSL_OPCNT
0001046C	RX-UCBSW_STS
00010470	RX-UCBSL_CHAR
00010474	RX-ORBSL_OWNER
00010478	RX-UCBSB_ERTMAX
0001047C	RX-UCBSB_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

Mod  
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EXES:erfcommon.exe/share
gsmatch=lequal,1,0
psect_attr=$blank,noshr
psect_attr=$pdata,noshr
psect_attr=$code,noshr
psect_attr=deychar,noshr
psect_attr=dr32,noshr
psect_attr=emb,noshr
psect_attr=erfcom,noshr
psect_attr=mode,noshr
psect_attr=mrdr,noshr
psect_attr=opcode,noshr
psect_attr=qiocommon,noshr
psect_attr=sa,noshr
psect_attr=syecom,noshr
psect_attr=trans_addr,noshr
psect_attr=tables,noshr
psect_attr=_lib$code,noshr
psect_attr=_img$code,noshr

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Mod
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MSC
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0145 AH-BT13A-SE  
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION  
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This image displays a grid of 100 VAX/VMS system utility screens, arranged in 10 rows and 10 columns. The screens are organized into several functional groups:

- System Status and Performance:** Includes `VAXLOAD LIS` (top left), `VAXSTATUS LIS` (middle left), and `VAXSTRING LIS` (bottom left).
- Error Reporting Facility (ERF) Maps:** A central cluster of screens includes `ERFBRIEF MAP`, `ERFDISK MAP`, `ERFBUS MAP`, `ERFINICOM MAP`, and `ERFCOMMON MAP`.
- Encryption Utilities:** Includes `ENCRYP` and `ENCSTJBS LIS`.
- Other Utilities:** Includes `ERFPROC1 MAP`, `ERFPROC2 MAP`, and `ERFPROC3 MAP`.

Each screen contains a mix of text-based data, tables, and graphical elements like bar charts and histograms, representing various system metrics and diagnostic information.