

[illegible][illegible]

MM		MM	AAAAAA	PPPPPPPP	
MM		MM	AAAAAA	PPPPPPPP	
MMM		MMM	AA	PP	PP
MMM		MMM	AA	PP	PP
MM	MM	MM	AA	PP	PP
MM	MM	MM	AA	PP	PP
MM		MM	AA	PPPPPPPP	
MM		MM	AA	PPPPPPPP	
MM		MM	AAAAAAAAAA	PP	
MM		MM	AAAAAAAAAA	PP	
MM		MM	AA	PP	
MM		MM	AA	PP	
MM		MM	AA	PP	
MM		MM	AA	PP	

EX	Mo	UC	LI	Mo
--	--	CO	OP	--
CD	CD	CO	LO	LA
CD	CD	DU	FR	DH
CD	PA	ER	UN	DH
PA		TR	US	DH
		ER	CA	MC
		EX	CL	IF
		FI	CL	IF
		GE	SY	UC
		HE	SY	UC
		IM	FO	
		IN	LI	
			MT	

+-----+
! Object Module Synopsis !
+-----+

Module Name	Ident	Bytes	File	Creation Date	Creator
ERFSHR	V04-000	0	-\$255\$DUA28:[ERF.OBJ]ERFSHR.EXE;1	16-SEP-1984 04:31	VAX-11 Linker V04-00
FORRTL	V04-000	0	-\$255\$DUA28:[SYSLIB]FORRTL.EXE;1	16-SEP-1984 04:07	VAX-11 Linker V04-00
LIBRTL	V04-000	0	-\$255\$DUA28:[SYSLIB]LIBRTL.EXE;1	16-SEP-1984 04:00	VAX-11 Linker V04-00
MTHRTL	V04-000	0	-\$255\$DUA28:[SYSLIB]MTHRTL.EXE;1	16-SEP-1984 04:04	VAX-11 Linker V04-00
ERFCOMMON	V04-000	0	-\$255\$DUA28:[ERF.OBJ]ERFCOMMON.EXE;1	16-SEP-1984 04:31	VAX-11 Linker V04-00
ERFRTVECT	V04-000	64	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	15-SEP-1984 23:56	VAX/VMS Macro V04-00
ERFRTINI	01	1421	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:04	VAX-11 FORTRAN V3.4-56
LPA11K_QIO	01	1952	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:05	VAX-11 FORTRAN V3.4-56
PCL11R_QIO	01	1914	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:12	VAX-11 FORTRAN V3.4-56
PCL11T_QIO	01	1929	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:12	VAX-11 FORTRAN V3.4-56
UCB\$\$B_BS_ERRMSG	01	782	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:00	VAX-11 FORTRAN V3.4-56
XFDRIVER_QIO	01	1922	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:01	VAX-11 FORTRAN V3.4-56
LPA11K	01	5499	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:05	VAX-11 FORTRAN V3.4-56
DR780	01	5615	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:01	VAX-11 FORTRAN V3.4-56
DR750	01	8344	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:00	VAX-11 FORTRAN V3.4-56
PCL11R	01	3339	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:12	VAX-11 FORTRAN V3.4-56
PCL11T	01	3468	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:12	VAX-11 FORTRAN V3.4-56
BSDRIVER	01	2717	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:00	VAX-11 FORTRAN V3.4-56
DR11W	01	2917	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:19	VAX-11 FORTRAN V3.4-56
DR11W_QIO	01	1962	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:19	VAX-11 FORTRAN V3.4-56

+-----+
! Module Relocatable Reference Synopsis !
+-----+

Module Name	Number	Module Name	Number	Module Name	Number
LPA11K_QIO	2	PCL11R_QIO	2	PCL11T_QIO	2
UCB\$\$B_BS_ERRMSG	2	XFDRIVER_QIO	2	LPA11K	59
DR780	76	DR750	132	PCL11R	74
PCL11T	75	BSDRIVER	49	DR11W	83
DR11W_QIO	2				

! Image Section Synopsis !

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	12	00000200-R	3	0	READ ONLY				
	4	26	00001A00-R	15	0	READ WRITE COPY ON REF				
	4	26	00004E00-R	41	0	READ ONLY				
	2	6	00008200-R	67	0	READ WRITE FIXUP VECTORS				

Key for special characters above:

! R - Relocatable !
! P - Protected !

! Program Section Synopsis !

Psect Name	Module Name	Base	End	Length	Align	Attributes
\$SERFRTVECT	ERFRTVECT	00000000	0000003F	00000040 (	64.)	BYTE 0
		00000000	0000003F	00000040 (	64.)	BYTE 0
\$SPDATA	ERFRTINI	00000200	0000185F	00001660 (	5728.)	LONG 2
	LPA11K_QIO	00000200	000003D7	000001D8 (	472.)	LONG 2
	PCL11R_QIO	000003D8	000003DF	00000008 (	8.)	LONG 2
	PCL11T_QIO	000003E0	000003E7	00000008 (	8.)	LONG 2
	PCL11T_QIO	000003E8	000003EF	00000008 (	8.)	LONG 2
	UCB\$\$B_BS_ERRMSG	000003F0	00000572	00000183 (	387.)	LONG 2
	XFDRIVER_QIO	00000574	0000057B	00000008 (	8.)	LONG 2
	LPA11K	0000057C	0000080E	00000293 (	659.)	LONG 2
	DR780	00000810	00000C34	00000425 (	1061.)	LONG 2
	DR750	00000C38	00001449	00000812 (	2066.)	LONG 2
	PCL11R	0000144C	00001553	00000108 (	264.)	LONG 2
	PCL11T	00001554	00001640	000000ED (	237.)	LONG 2
	BSDRIVER	00001644	00001733	000000F0 (	240.)	LONG 2
	DR11W	00001734	00001857	00000124 (	292.)	LONG 2
	DR11W_QIO	00001858	0000185F	00000008 (	8.)	LONG 2
\$LOCAL	ERFRTINI	00001A00	00004DAF	000033B0 (	13232.)	LONG 2
	LPA11K_QIO	00001A00	00001A37	00000038 (	56.)	LONG 2
	PCL11R_QIO	00001A38	00001C5B	00000224 (	548.)	LONG 2
	PCL11T_QIO	00001C5C	00001E7F	00000224 (	548.)	LONG 2
	PCL11T_QIO	00001E80	000020A3	00000224 (	548.)	LONG 2
	UCB\$\$B_BS_ERRMSG	000020A4	0000210B	00000068 (	104.)	LONG 2
	XFDRIVER_QIO	0000210C	0000232F	00000224 (	548.)	LONG 2
	LPA11K	00002330	00002D3B	00000A0C (	2572.)	LONG 2
	DR780	00002D3C	000030F7	000003BC (	956.)	LONG 2
	DR750	000030F8	0000377B	00000684 (	1668.)	LONG 2
	PCL11R	0000377C	00003CE7	0000056C (	1388.)	LONG 2
	PCL11T	00003CE8	0000427F	00000598 (	1432.)	LONG 2
	BSDRIVER	00004280	000047BB	0000053C (	1340.)	LONG 2
	DR11W	000047BC	00004B8B	000003D0 (	976.)	LONG 2
	DR11W_QIO	00004B8C	00004DAF	00000224 (	548.)	LONG 2
\$CODE	ERFRTINI	00004E00	000081B2	000033B3 (	13235.)	LONG 2
	LPA11K_QIO	00004E00	00004F24	00000125 (	293.)	LONG 2
	PCL11R_QIO	00004F28	00004FBC	00000095 (	149.)	LONG 2
	PCL11T_QIO	00004FC0	0000502E	0000006F (	111.)	LONG 2
	PCL11T_QIO	00005030	000050AD	0000007E (	126.)	LONG 2
	UCB\$\$B_BS_ERRMSG	000050B0	000051D2	00000123 (	291.)	LONG 2
	XFDRIVER_QIO	000051D4	0000524A	00000077 (	119.)	LONG 2
	LPA11K	0000524C	00005927	000006DC (	1756.)	LONG 2
	DR780	00005928	000062DD	000009B6 (	2486.)	LONG 2
	DR750	000062E0	00007089	00000DAA (	3498.)	LONG 2

Psect Name	Module Name	Base	End	Length	Align	Attributes
\$CODE		00004E00	000081B2	000033B3 (	13235.) LONG 2	PIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	PCL11R	0000708C	00007522	00000497 (	1175.) LONG 2	
	PCL11T	00007524	00007A2A	00000507 (	1287.) LONG 2	
	BSDRIVER	00007A2C	00007C9C	00000271 (	625.) LONG 2	
	DR11W	00007CA0	00008110	00000471 (	1137.) LONG 2	
	DR11W_QIO	00008114	000081B2	0000009F (	159.) LONG 2	

! Symbol Cross Reference !

Symbol	Value	Defined By	Referenced By ...
BSDRIVER	00007A2C-RU	BSDRIVER	ERFRTVECT
CALC_MAP	00008258-RX	ERFSHR	DR11W
CALC_MAP2	00008254-RX	ERFSHR	DR11W
COMPRESS4	0000825C-RX	ERFSHR	DR11W
			PCL11T
COMPRESSC	000082A0-RX	ERFSHR	DR750
			PCL11R
COMPRESSF	0000826C-RX	ERFSHR	DR750
DHEAD1	00008298-RX	ERFSHR	BSDRIVER
			DR780
			PCL11T
DR11W	00007CA0-RU	DR11W	ERFRTVECT
DR11W_QIO	00008114-R	DR11W_QIO	DR11W
DR750	000062E0-RU	DR750	ERFRTVECT
DR780	00005928-RU	DR780	ERFRTVECT
DR780 REGA	00008268-RX	ERFSHR	DR780
ERFRTINI	00004E00-RU	ERFRTINI	ERFRTVECT
FOR\$IO_B_R	000082BC-RX	FORRTL	LPA11K
FOR\$IO_END	000082CC-RX	FORRTL	BSDRIVER
			DR780
			PCL11T
FOR\$IO_F_R	000082B4-RX	FORRTL	DR750
FOR\$IO_L_R	000082C8-RX	FORRTL	BSDRIVER
			DR780
			PCL11T
FOR\$IO_L_V	000082B8-RX	FORRTL	DR11W
FOR\$IO_T_DS	000082C4-RX	FORRTL	BSDRIVER
			DR780
			PCL11T
FOR\$WRITE_SF	000082C0-RX	FORRTL	BSDRIVER
			DR780
			PCL11T
FRCTOF	0000829C-RX	ERFSHR	BSDRIVER
			DR780
			PCL11T
IRP\$L_PID	00008274-RX	ERFSHR	BSDRIVER
			DR780
			PCL11T
IRP\$Q_IOSB	00008270-RX	ERFSHR	BSDRIVER
			DR780
			PCL11T
IRP\$W_BCNT	0000827C-RX	ERFSHR	DR11W
			LPA11K
IRP\$W_BOFF	00008278-RX	ERFSHR	DR11W
			LPA11K
IRP\$W_FUNC	000082A8-RX	ERFSHR	BSDRIVER
			PCL11R_QIO
LIB\$EXTZV	000082DC-RX	LIBRTL	DR11W
			DR780
			PCL11R
			DR750
			LPA11K
			DR780
			PCL11T
			DR780
			PCL11T
			DR750
			DR11W_QIO
			PCL11T_QIO
			DR11W_QIO
			LPA11K
			DR750
			LPA11K_QIO

Symbol -----	Value -----	Defined By -----	Referenced By ... -----		
LIB\$INSV	000082D8-RX	LIBRTL	PCL11R	PCL11R_QIO	PCL11T
LINCHK	000082A4-RX	ERFSHR	PCL11T_QIO	XFDRIVER_QIO	
			DR750		
			BSDRIVER	DR11W	DR750
			DR780	LPA11K	PCL11R
			PCL11T	UCB\$\$B_BS_ERRMSG	
LPA11K	0000524C-RU	LPA11K	ERFRTVECT		
LPA11K_QIO	00004F28-R	LPA11K_QIO	LPA11K		
ORBSL_OWNER	00008260-RX	ERFSHR	BSDRIVER	DR11W	DR750
			DR780	PCL11R	PCL11T
OUTPUT	00008294-RX	ERFSHR	BSDRIVER	DR11W	DR750
			DR780	LPA11K	PCL11R
			PCL11T		
PCL11R	0000708C-RU	PCL11R	ERFRTVECT		
PCL11R_QIO	00004FC0-R	PCL11R_QIO	PCL11R		
PCL11T	00007524-RU	PCL11T	ERFRTVECT		
PCL11T_QIO	00005030-R	PCL11T_QIO	PCL11T		
REALTIMEINIT	00000000-R	ERFRTVECT			
SBI_COMMAND	00008264-RX	ERFSHR			
UBA_DATAPATH	00008290-RX	ERFSHR	DR780		
			DR11W	LPA11K	PCL11R
			PCL11T		
UBA_MAPPING	00008250-RX	ERFSHR	DR11W	PCL11R	PCL11T
UCB\$\$B_BS_ERRMSG	000050B0-R	UCB\$\$B_BS_ERRMSG	BSDRIVER		
UCB\$B_ERTCNT	0000824C-RX	ERFSHR	DR11W		
UCB\$B_ERTMAX	00008248-RX	ERFSHR	DR11W		
UCB\$B_CHAR	0000828C-RX	ERFSHR	BSDRIVER	DR11W	DR750
			DR780	LPA11K	PCL11R
			PCL11T		
UCB\$B_OPDNT	00008284-RX	ERFSHR	BSDRIVER	DR11W	DR750
			DR780	LPA11K	PCL11R
			PCL11T		
UCB\$W_ERRCNT	00008280-RX	ERFSHR	BSDRIVER	DR11W	DR750
			DR780	LPA11K	PCL11R
			PCL11T		
UCB\$W_STS	00008288-RX	ERFSHR	BSDRIVER	DR11W	DR750
			DR780	LPA11K	PCL11R
			PCL11T		
XFDRIVER_QIO	000051D4-R	XFDRIVER_QIO	DR750	DR780	


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00000000 R-REALTIMEINIT
00004E00 R-ERFRTINI
00004F28 R-LPA11K_QIO
00004FC0 R-PCL11R_QIO
00005030 R-PCL11T_QIO
000050B0 R-UCB$B-BS_ERRMSG
000051D4 R-XFDRIVER_QIO
0000524C R-LPA11K
00005928 R-DR780
000062E0 R-DR750
0000708C R-PCL11R
00007524 R-PCL11T
00007A2C R-BSDRIVER
00007CA0 R-DR11W
00008114 R-DR11W_QIO
00008248 RX-UCB$B_ERTMAX
0000824C RX-UCB$B_ERTCNT
00008250 RX-UBA_MAPPING
00008254 RX-CALC_MAP2
00008258 RX-CALC_MAP
0000825C RX-COMPRESS4
00008260 RX-ORBSL_OWNER
00008264 RX-SBI_COMMAND
00008268 RX-DR780_REGA
0000826C RX-COMPRESSF
00008270 RX-IRPSQ_IOSB
00008274 RX-IRPSL_PID
00008278 RX-IRPSW_BOFF
0000827C RX-IRPSW_BCNT
00008280 RX-UCB$W_ERRCNT
00008284 RX-UCB$W_OPcnt
00008288 RX-UCB$W_STS
0000828C RX-UCB$W_CHAR
00008290 RX-UBA_DATAPATH
00008294 RX-OUTPUT
00008298 RX-DHEAD1
0000829C RX-FRCTOF
000082A0 RX-COMPRESSC
000082A4 RX-LINCHK
000082A8 RX-IRPSW_FUNC
000082B4 RX-FORSIO_F_R
000082B8 RX-FORSIO_L_V
000082BC RX-FORSIO_B_R
000082C0 RX-FORSWRITE_SF
000082C4 RX-FORSIO_T_DS
000082C8 RX-FORSIO_L_R
000082CC RX-FORSIO_END
000082D8 RX-LIB$INSV
000082DC RX-LIB$EXTZV

```

Ps
--
\$C

Value

Symbols...

Key for special characters above:

*	-	Undefined
U	-	Universal
R	-	Relocatable
X	-	External

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

Virtual memory allocated:

00000000 00008DFF 00008E00 (36352. bytes, 71. pages)

Stack size:

0. pages

Image header virtual block limits:

1. (1. block)

Image binary virtual block limits:

2. (40. blocks)

Image name and identification:

ERFRLTIM V04-000

Number of files:

6.

Number of modules:

20.

Number of program sections:

19.

Number of global symbols:

921.

Number of cross references:

236.

Number of image sections:

20.

User transfer address:

00000000

Number of address fixups:

571.

Number of code references to shareable images:

34.

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]ERFRLTIM.MAP;1

Estimated map length:

175. blocks

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

Performance Indicators

	Page Faults	CPU Time	Elapsed Time
Command processing:	121	00:00:01.00	00:00:01.67
Pass 1:	201	00:00:01.69	00:00:08.13
Allocation/Relocation:	45	00:00:00.20	00:00:04.53
Pass 2:	124	00:00:02.44	00:00:10.32
Map data after object module synopsis:	20	00:00:00.76	00:00:01.13
Symbol table output:	4	00:00:00.06	00:00:01.29
Total run values:	515	00:00:06.15	00:00:27.07

Using a working set limited to 1050 pages and 528 pages of data storage (excluding image)

Total number object records read (both passes): 455

of which 187 were in libraries and 49 were DEBUG data records containing 2841 bytes

Number of modules extracted explicitly = 15

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\$:ERFRLTIM/FULL/CROSS/SHARE=EXE\$:ERFRLTIM LIB\$:ERF/INCLUDE=(ERFRTVECT,ERFRTINI,LPA11K,QIO,PCL11R,QIO,PCL11T,QIO,UCB\$\$B_BS_ERRMSG,XFDRIVER_QIO,LPA11K,DR780,DR750,PCL11R,PCL11T,BSDRIVER,DR11W,DR11W_QIO),COM\$:PSECTATTR/OPT

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

CO

CO
DE
DH
DH

DH
DI
DI
DI
DI
DI
DI
DR

