

```

EEEEEEEEEEEEEEEEEE RRRRRRRRRRRR FFFFFFFF
EEEEEEEEEEEEEEEEEE RRRRRRRRRRRR FFFFFFFF
EEEEEEEEEEEEEEEEEE RRRRRRRRRRRR FFFFFFFF
EEE RRR RRR FFF
EEE RRR RRR FFF
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EEE RRR RRR FFF
EEEEEEEEEEEEEEEEEE RRRRRRRRRRRR FFFF
EEEEEEEEEEEEEEEEEE RRRRRRRRRRRR FFFF
EEEEEEEEEEEEEEEEEE RRRRRRRRRRRR FFFF

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[illegible]

EEEEEEEEEE	RRRRRRRR	FFFFFFFFFF	TTTTTTTTTT	AAAAAA	PPPPPPPP	EEEEEEEEEE
EEEEEEEEEE	RRRRRRRR	FFFFFFFFFF	TTTTTTTTTT	AAAAAA	PPPPPPPP	EEEEEEEEEE
EE	RR	FF	TT	AA	PP	EE
EE	RR	FF	TT	AA	PP	EE
EE	RR	FF	TT	AA	PP	EE
EE	RR	FF	TT	AA	PP	EE
EEEEEEEEEE	RRRRRRRR	FFFFFFFFFF	TT	AA	PPPPPPPP	EEEEEEEEEE
EEEEEEEEEE	RRRRRRRR	FFFFFFFFFF	TT	AA	PPPPPPPP	EEEEEEEEEE
EE	RR	FF	TT	AAAAA	PP	EE
EE	RR	FF	TT	AAAAA	PP	EE
EE	RR	FF	TT	AAAAA	PP	EE
EE	RR	FF	TT	AAAAA	PP	EE
EEEEEEEEEE	RR	FF	TT	AA	PP	EEEEEEEEEE
EEEEEEEEEE	RR	FF	TT	AA	PP	EEEEEEEEEE

MM	MM	AAAAAA	PPPPPPPP
MM	MM	AAAAAA	PPPPPPPP
MMMM	MMMM	AA	PP
MMMM	MMMM	AA	PP
MM	MM	AA	PP
MM	MM	AA	PP
MM	MM	AA	PPPPPPPP
MM	MM	AA	PPPPPPPP
MM	MM	AAAAA	PP
MM	MM	AAAAA	PP
MM	MM	AA	PP
MM	MM	AA	PP
MM	MM	AA	PP
MM	MM	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	-\$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
ERF COMMON	V04-000	0	-\$255\$DUA28:[ERF.OBJ]ERF COMMON.EXE;1	16-SEP-1984 04:31	VAX-11 Linker V04-00
ERFTAPEVECT	V04-000	32	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	15-SEP-1984 23:57	VAX/VMS Macro V04-00
ERFTAPINI	01	59	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:04	VAX-11 FORTRAN V3.4-56
MASSTAPE	01	7440	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:06	VAX-11 FORTRAN V3.4-56
TSTAPE	01	10278	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:15	VAX-11 FORTRAN V3.4-56
MFTAPE	01	19230	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:08	VAX-11 FORTRAN V3.4-56
MFTAPE_QIO	01	2127	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:08	VAX-11 FORTRAN V3.4-56
MASSTAPE_QIO	01	2114	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:06	VAX-11 FORTRAN V3.4-56
TSTAPE_QIO	01	2149	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:15	VAX-11 FORTRAN V3.4-56
MBA_CONTROL_REGISTERS	01	901	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
MBA_MAPPING_REGISTER	01	873	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
MBA_STATUS_REGISTER16_31	01	692	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
OUTPUTD	01	135	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:27	VAX-11 FORTRAN V3.4-56
RH780_CONTROL_REGISTERS	01	1947	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
RH780_MAPPING_REGISTER	01	500	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
RH780_STATUS_REGISTER16_31	01	400	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
RH750_CONTROL_REGISTERS	01	2021	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
RH750_MAPPING_REGISTER	01	500	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
RH750_STATUS_REGISTER16_31	01	560	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	VAX-11 FORTRAN V3.4-56
VECMAPREG	01	1184	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:31	VAX-11 FORTRAN V3.4-56

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! Module Relocatable Reference Synopsis !
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Module Name	Number	Module Name	Number	Module Name	Number
MASSTAPE	231	TSTAPE	177	MFTAPE	371
MFTAPE_QIO	2	MASSTAPE_QIO	2	TSTAPE_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	11	00000200-R	3	0	READ ONLY				
	4	43	00001800-R	14	0	READ WRITE COPY ON REF				
	4	38	00006E00-R	57	0	READ ONLY				
	2	10	0000BA00-R	95	0	READ WRITE FIXUP VECTORS				

Key for special characters above:

+-----+
! R - Relocatable !
! P - Protected !
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! Program Section Synopsis !
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Psect Name	Module Name	Base	End	Length	Align	Attributes
SSERFTAPEVECT	ERFTAPEVECT	00000000	0000001F	00000020 (	32.) BYTE 0	NOPI,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
		00000000	0000001F	00000020 (	32.) BYTE 0	
SPDATA		00000200	0000163B	0000143C (	5180.) LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD,NOWRT,NOVEC
	ERFTAPINI	00000200	00000200	00000000 (	0.) LONG 2	
	MASSTAPE	00000200	000003FC	000001FD (	509.) LONG 2	
	TSTAPE	00000400	000007FB	000003FC (	1020.) LONG 2	
	MFTAPE	000007FC	000010FF	00000904 (	2308.) LONG 2	
	MFTAPE_QIO	00001100	00001107	00000008 (	8.) LONG 2	
	MASSTAPE_QIO	00001108	0000110F	00000008 (	8.) LONG 2	
	TSTAPE_QIO	00001110	00001117	00000008 (	8.) LONG 2	
	MBA_CONTROL_REGISTERS	00001118	00001140	00000029 (	41.) LONG 2	
	MBA_MAPPING_REGISTER	00001144	00001189	00000046 (	70.) LONG 2	
	MBA_STATUS_REGISTER16_31	0000118C	00001193	00000008 (	8.) LONG 2	
	OUTPUTD	00001194	000011A3	00000010 (	16.) LONG 2	
	RH780_CONTROL_REGISTERS	000011A4	000012E6	00000143 (	323.) LONG 2	
	RH780_MAPPING_REGISTER	000012E8	00001364	0000007D (	125.) LONG 2	
	RH780_STATUS_REGISTER16_31	00001368	00001379	00000012 (	18.) LONG 2	
	RH750_CONTROL_REGISTERS	0000137C	000014AD	00000132 (	306.) LONG 2	
	RH750_MAPPING_REGISTER	000014B0	0000152C	0000007D (	125.) LONG 2	
	RH750_STATUS_REGISTER16_31	00001530	00001545	00000016 (	22.) LONG 2	
	VECMAPREG	00001548	0000163B	000000F4 (	244.) LONG 2	
SLOCAL		00001800	00006D03	00005504 (	21764.) LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	ERFTAPINI	00001800	00001827	00000028 (	40.) LONG 2	
	MASSTAPE	00001828	0000280F	00000FE8 (	4072.) LONG 2	
	TSTAPE	00002810	000039A7	00001198 (	4504.) LONG 2	
	MFTAPE	000039A8	000059A7	00002000 (	8192.) LONG 2	
	MFTAPE_QIO	000059A8	00005BCB	00000224 (	548.) LONG 2	
	MASSTAPE_QIO	00005BCC	00005DEF	00000224 (	548.) LONG 2	
	TSTAPE_QIO	00005DF0	00006013	00000224 (	548.) LONG 2	
	MBA_CONTROL_REGISTERS	00006014	0000607B	00000068 (	104.) LONG 2	
	MBA_MAPPING_REGISTER	0000607C	000060B3	00000038 (	56.) LONG 2	
	MBA_STATUS_REGISTER16_31	000060B4	000060DB	00000028 (	40.) LONG 2	
	OUTPUTD	000060DC	000060FB	00000020 (	32.) LONG 2	
	RH780_CONTROL_REGISTERS					

Psect Name	Module Name	Base	End	Length	Align	Attributes
-----	-----	----	---	-----	----	-----
\$LOCAL		00001800	00006D03	00005504 (	21764.) LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
		000060FC	00006407	0000030C (	780.) LONG 2	
	RH780_MAPPING_REGISTER	00006408	00006467	00000060 (	96.) LONG 2	
	RH780_STATUS_REGISTER16_31	00006468	000065B7	00000150 (	336.) LONG 2	
	RH750_CONTROL_REGISTERS	000065B8	00006937	00000380 (	896.) LONG 2	
	RH750_MAPPING_REGISTER	00006938	00006997	00000060 (	96.) LONG 2	
	RH750_STATUS_REGISTER16_31	00006998	00006B53	000001BC (	444.) LONG 2	
	VECMAPREG	00006B54	00006D03	000001B0 (	432.) LONG 2	
		00006E00	0000B9BF	00004BC0 (	19392.) LONG 2	PIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	ERFTAPINI	00006E00	00006E12	00000013 (	19.) LONG 2	
\$CODE	MASSTAPE	00006E14	0000773E	0000092B (	2347.) LONG 2	
	TSTAPE	00007740	000087D1	00001092 (	4242.) LONG 2	
	MFTAPE	000087D4	0000A7ED	0000201A (	8218.) LONG 2	
	MFTAPE_QIO	0000A7F0	0000A933	00000144 (	324.) LONG 2	
	MASSTAPE_QIO	0000A934	0000AA6A	00000137 (	311.) LONG 2	
	TSTAPE_QIO	0000AA6C	0000ABC5	0000015A (	346.) LONG 2	
	MBA_CONTROL_REGISTERS	0000ABC8	0000ACBB	000000F4 (	244.) LONG 2	
	MBA_MAPPING_REGISTER	0000ACBC	0000ADA6	000000EB (	235.) LONG 2	
	MBA_STATUS_REGISTER16_31	0000ADA8	0000AE2B	00000084 (	132.) LONG 2	
	OUTPUTD	0000AE2C	0000AE82	00000057 (	87.) LONG 2	
	RH780_CONTROL_REGISTERS	0000AE84	0000B1CF	0000034C (	844.) LONG 2	
	RH780_MAPPING_REGISTER	0000B1D0	0000B2E6	00000117 (	279.) LONG 2	
	RH780_STATUS_REGISTER16_31	0000B2E8	0000B315	0000002E (	46.) LONG 2	
	RH750_CONTROL_REGISTERS	0000B318	0000B64A	00000333 (	819.) LONG 2	
	RH750_MAPPING_REGISTER	0000B64C	0000B762	00000117 (	279.) LONG 2	
	RH750_STATUS_REGISTER16_31	0000B764	0000B7C1	0000005E (	94.) LONG 2	
	VECMAPREG	0000B7C4	0000B9BF	000001FC (	508.) LONG 2	

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! Symbol Cross Reference !
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Symbol	Value	Defined By	Referenced By ...
CALC_MAP	0000BA60-RX	ERFSHR	TSTAPE
CALC_MAP2	0000BA58-RX	ERFSHR	TSTAPE
COMPRESS4	0000BA64-RX	ERFSHR	MBA_CONTROL_REGISTERS MBA_MAPPING_REGISTER MFTAPE RH750_CONTROL_REGISTERS RH750_MAPPING_REGISTER RH780_CONTROL_REGISTERS RH780_MAPPING_REGISTER
COMPRESSC	0000BAA4-RX	ERFSHR	TSTAPE VECMAPREG MASSTAPE MFTAPE OUTPUTD
COMPRESSF	0000BA48-RX	ERFSHR	TSTAPE RH750_MAPPING_REGISTER RH780_MAPPING_REGISTER
DHEAD1	0000BA9C-RX	ERFSHR	MASSTAPE MFTAPE
ERFTAPINI	00006E00-RU	ERFTAPINI	TSTAPE
FOR\$INI_DES1_R2	0000BAB4-RX	FORRTL	ERFTAPEVECT
FOR\$IO_B_R	0000BABC-RX	FORRTL	MBA_CONTROL_REGISTERS
FOR\$IO_END	0000BACC-RX	FORRTL	MFTAPE MASSTAPE MBA_CONTROL_REGISTERS MBA_MAPPING_REGISTER MFTAPE OUTPUTD RH750_CONTROL_REGISTERS RH750_MAPPING_REGISTER RH780_CONTROL_REGISTERS RH780_MAPPING_REGISTER
FOR\$IO_F_R	0000BAB0-RX	FORRTL	TSTAPE VECMAPREG RH750_MAPPING_REGISTER RH780_MAPPING_REGISTER
FOR\$IO_L_R	0000BAC8-RX	FORRTL	MASSTAPE MBA_CONTROL_REGISTERS MBA_MAPPING_REGISTER MFTAPE RH750_CONTROL_REGISTERS RH750_MAPPING_REGISTER RH780_CONTROL_REGISTERS RH780_MAPPING_REGISTER
FOR\$IO_L_V	0000BAB8-RX	FORRTL	TSTAPE
FOR\$IO_T_DS	0000BAC4-RX	FORRTL	VECMAPREG MFTAPE MASSTAPE MBA_CONTROL_REGISTERS

Symbol	Value	Defined By	Referenced By ...
			MFTAPE OUTPUTD RH750_CONTROL_REGISTERS RH750_MAPPING_REGISTER RH780_CONTROL_REGISTERS RH780_MAPPING_REGISTER TSTAPE VECMAPREG MASSTAPE MBA_CONTROL_REGISTERS MBA_MAPPING_REGISTER MFTAPE OUTPUTD RH750_CONTROL_REGISTERS RH750_MAPPING_REGISTER RH780_CONTROL_REGISTERS RH780_MAPPING_REGISTER TSTAPE VECMAPREG MASSTAPE MFTAPE TSTAPE MASSTAPE MFTAPE TSTAPE MASSTAPE MFTAPE TSTAPE MASSTAPE MFTAPE TSTAPE MASSTAPE_Q10 MFTAPE_Q10 TSTAPE_Q10 RH750_CONTROL_REGISTERS RH780_CONTROL_REGISTERS MASSTAPE MASSTAPE_Q10 MBA_CONTROL_REGISTERS MBA_MAPPING_REGISTER MBA_STATUS_REGISTER16_31 MFTAPE MFTAPE_Q10 RH750_CONTROL_REGISTERS RH750_MAPPING_REGISTER RH780_CONTROL_REGISTERS RH780_MAPPING_REGISTER TSTAPE TSTAPE_Q10
FOR\$WRITE_SF	0000BAC0-RX	FORRTL	
FRCTOF	0000BAA0-RX	ERFSHR	
IRP\$L_PID	0000BA6C-RX	ERFSHR	
IRP\$Q_IOSB	0000BA68-RX	ERFSHR	
IRP\$W_BCNT	0000BA74-RX	ERFSHR	
IRP\$W_BOFF	0000BA70-RX	ERFSHR	
IRP\$W_FUNC	0000BA50-RX	ERFSHR	
LIB\$EXTV	0000BAD8-RX	LIBRTL	
LIB\$EXTZV	0000BADC-RX	LIBRTL	

Symbol -----	Value -----	Defined By -----	Referenced By ... -----
LINCHK	0000BA98-RX	ERFSHR	VECMAPREG MASSTAPE MBA_CONTROL_REGISTERS MBA_MAPPING_REGISTER MFTAPE OUTPUTD RH750_CONTROL_REGISTERS RH750_MAPPING_REGISTER RH780_CONTROL_REGISTERS RH780_MAPPING_REGISTER TSTAPE VECMAPREG ERFTAPEVECT MASSTAPE MASSTAPE MFTAPE MASSTAPE MFTAPE MASSTAPE MFTAPE ERFTAPEVECT MFTAPE MASSTAPE MFTAPE TSTAPE MASSTAPE MFTAPE RH750_CONTROL_REGISTERS RH750_STATUS_REGISTER16_31 RH780_CONTROL_REGISTERS RH780_STATUS_REGISTER16_31 TSTAPE VECMAPREG
MASSTAPE	00006E14-RU	MASSTAPE	
MASSTAPE_QIO	0000A934-R	MASSTAPE_QIO	
MBA_CONTROL_REGISTERS	0000ABC8-R	MBA_CONTROL_REGISTERS	
MBA_MAPPING_REGISTER	0000ACBC-R	MBA_MAPPING_REGISTER	
MBA_STATUS_REGISTER16_31	0000ADA8-R	MBA_STATUS_REGISTER16_31	
MFTAPE	000087D4-RU	MFTAPE	
MFTAPE_QIO	0000A7F0-R	MFTAPE_QIO	
ORB\$B_OWNER	0000BA88-RX	ERFSHR	
OUTPUT	0000BA94-RX	ERFSHR	
OUTPUTD	0000AE2C-R	OUTPUTD	
RH750_CONTROL_REGISTERS	0000B318-R	RH750_CONTROL_REGISTERS	
RH750_MAPPING_REGISTER	0000B64C-R	RH750_MAPPING_REGISTER	
RH750_STATUS_REGISTER16_31	0000B764-R	RH750_STATUS_REGISTER16_31	
RH780_CONFIGURATION_REGISTER	0000BA4C-RX	ERFSHR	
RH780_CONTROL_REGISTERS	0000AE84-R	RH780_CONTROL_REGISTERS	
RH780_MAPPING_REGISTER	0000B1D0-R	RH780_MAPPING_REGISTER	
RH780_STATUS_REGISTER16_31	0000B2E8-R	RH780_STATUS_REGISTER16_31	
TAPEINIT	00000000-R	ERFTAPEVECT	
TSTAPE	00007740-RU	TSTAPE	
TSTAPE_QIO	0000AA6C-R	TSTAPE_QIO	
UBA_DATAPATH	0000BA5C-RX	ERFSHR	
UBA_MAPPING	0000BA54-RX	ERFSHR	
UCB\$B_ERTCNT	0000BA90-RX	ERFSHR	
UCB\$B_ERTMAX	0000BA8C-RX	ERFSHR	

Symbol -----	Value -----	Defined By -----	Referenced By ... -----
UCB\$L_CHAR	0000BA84-RX	ERFSHR	MFTAPE TSTAPE MASSTAPE
UCB\$L_OPCNT	0000BA7C-RX	ERFSHR	MFTAPE TSTAPE MASSTAPE
UCB\$W_ERRCNT	0000BA78-RX	ERFSHR	MFTAPE TSTAPE MASSTAPE
UCB\$W_STS	0000BA80-RX	ERFSHR	MFTAPE TSTAPE MASSTAPE
VECMAPREG	0000B7C4-R	VECMAPREG	MFTAPE TSTAPE

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! Symbols By Value !
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Value	Symbols...
-----	-----
00000000	R-TAPEINIT
00006E00	R-ERFTAPINI
00006E14	R-MASSTAPE
00007740	R-TSTAPE
000087D4	R-MFTAPE
0000A7F0	R-MFTAPE_QIO
0000A934	R-MASSTAPE_QIO
0000AA6C	R-TSTAPE_QIO
0000ABC8	R-MBA_CONTROL_REGISTERS
0000ACBC	R-MBA_MAPPING_REGISTER
0000ADA8	R-MBA_STATUS_REGISTER16_31
0000AE2C	R-OUTPUTD
0000AE84	R-RH780_CONTROL_REGISTERS
0000B1D0	R-RH780_MAPPING_REGISTER
0000B2E8	R-RH780_STATUS_REGISTER16_31
0000B318	R-RH750_CONTROL_REGISTERS
0000B64C	R-RH750_MAPPING_REGISTER
0000B764	R-RH750_STATUS_REGISTER16_31
0000B7C4	R-VECMAPREG
0000BA48	RX-COMPRESSF
0000BA4C	RX-RH780_CONFIGURATION_REGISTER
0000BA50	RX-IRPSW_FUNC
0000BA54	RX-UBA_MAPPING
0000BA58	RX-CALC_MAP2
0000BA5C	RX-UBA_DATAPATH
0000BA60	RX-CALC_MAP
0000BA64	RX-COMPRESS4
0000BA68	RX-IRPSQ_IOSB
0000BA6C	RX-IRPSL_PID
0000BA70	RX-IRPSW_BOFF
0000BA74	RX-IRPSW_BCNT
0000BA78	RX-UCBSW_ERRCNT
0000BA7C	RX-UCBSL_OPCNT
0000BA80	RX-UCBSW_STS
0000BA84	RX-UCBSL_CHAR
0000BA88	RX-ORBSL_OWNER
0000BA8C	RX-UCBSB_ERTMAX
0000BA90	RX-UCBSB_ERTCNT
0000BA94	RX-OUTPUT
0000BA98	RX-LINCHK
0000BA9C	RX-DHEAD1
0000BAA0	RX-FRCTOF
0000BAA4	RX-COMPRESSC
0000BAB0	RX-FORSIO_F_R
0000BAB4	RX-FORSINT_DES1_R2
0000BAB8	RX-FORSIO_C_V
0000BABC	RX-FORSIO_B_R
0000BAC0	RX-FORSWRITE_SF
0000BAC4	RX-FORSIO_T_DS

Value	Symbols...
0000BAC8	RX-FOR\$IO_L R
0000BACC	RX-FOR\$IO_END
0000BAD8	RX-LIB\$EXTV
0000BADC	RX-LIB\$EXTZV

Key for special characters above:

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

! Image Synopsis !

Virtual memory allocated: 00000000 0000CDFF 0000CE00 (52736. bytes, 103. pages)
 Stack size: 0. pages
 Image header virtual block limits: 1. (1. block)
 Image binary virtual block limits: 2. (51. blocks)
 Image name and identification: ERFTAPE V04-000
 Number of files: 7.
 Number of modules: 24.
 Number of program sections: 19.
 Number of global symbols: 925.
 Number of cross references: 218.
 Number of image sections: 20.
 User transfer address: 00000000
 Number of address fixups: 989.
 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]ERFTAPE.MAP;1
 Estimated map length: 175. blocks

! Link Run Statistics !

Performance Indicators	Page Faults	CPU Time	Elapsed Time
Command processing:	183	00:00:01.41	00:00:03.36
Pass 1:	212	00:00:01.75	00:00:08.13
Allocation/Relocation:	37	00:00:00.18	00:00:01.11
Pass 2:	159	00:00:03.35	00:00:13.79
Map data after object module synopsis:	15	00:00:00.93	00:00:03.14
Symbol table output:	4	00:00:00.05	00:00:01.36
Total run values:	610	00:00:07.67	00:00:30.89

Using a working set limited to 1350 pages and 535 pages of data storage (excluding image)

Total number object records read (both passes): 577
 of which 248 were in libraries and 65 were DEBUG data records containing 4317 bytes

Number of modules extracted explicitly = 19
 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\$:ERFTAPE/FULL/CROSS/SHARE=EXE\$:ERFTAPE LIB\$:ERF/INCLUDE=(ERFTAPEVECT,ERFTAPINI,MASSTAPE,TSTAPE,MFT
 APE,MFTAPE_QIO,MASSTAPE_QIO,TSTAPE_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=deychar,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

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