

[illegible][illegible]

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EEEEEEEEEE RRRRRRRR FFFFFFFFFF PPPPPPPP RRRRRRRR 000000 CCCCCCCC 44 44
EEEEEEEEEE RRRRRRRR FFFFFFFFFF PPPPPPPP RRRRRRRR 000000 CCCCCCCC 44 44
EE          RR      RR FF          PP      PP RR      RR 00      00 CC      CCCCCC 44 44
EE          RR      RR FF          PP      PP RR      RR 00      00 CC      CCCCCC 44 44
EE          RR      RR FF          PP      PP RR      RR 00      00 CC      CCCCCC 44 44
EE          RR      RR FF          PP      PP RR      RR 00      00 CC      CCCCCC 44 44
EEEEEEEEEE RRRRRRRR FFFFFFFFFF PPPPPPPP RRRRRRRR 00      00 CC      CCCCCC 44 44
EEEEEEEEEE RRRRRRRR FFFFFFFFFF PPPPPPPP RRRRRRRR 00      00 CC      CCCCCC 44 44
EE          RR      RR FF          PP      PP RR      RR 00      00 CC      CCCCCC 44 44
EE          RR      RR FF          PP      PP RR      RR 00      00 CC      CCCCCC 44 44
EE          RR      RR FF          PP      PP RR      RR 00      00 CC      CCCCCC 44 44
EEEEEEEEEE RR      RR FF          PP      PP RR      RR 00      00 CC      CCCCCC 44 44
EEEEEEEEEE RR      RR FF          PP      PP RR      RR 00      00 CC      CCCCCC 44 44

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MM      MM      AAAAAA PPPPPPPP
MM      MM      AAAAAA PPPPPPPP
MMMM  MMMM  AA      AA PP      PP
MMMM  MMMM  AA      AA PP      PP
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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Sym

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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
ERFCOMMON	V04-000	0	_\$255\$DUA28:[ERF.OBJ]ERFCOMMON.EXE;1	16-SEP-1984 04:31	VAX-11 Linker V04-00
ERFPROC4VECT	V04-000	32	_\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	15-SEP-1984 23:57	VAX/VMS Macro V04-00
ERFPRC4INI	01	51	_\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:04	VAX-11 FORTRAN V3.4-56
UBA_ERRORS	01	603	_\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:17	VAX-11 FORTRAN V3.4-56
DW730_ERROR	01	950	_\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:17	VAX-11 FORTRAN V3.4-56
UBA_INTERRUPTS	01	632	_\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:17	VAX-11 FORTRAN V3.4-56
DW780_INTERRUPT	01	2686	_\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:17	VAX-11 FORTRAN V3.4-56
MBA_INTERRUPTS	01	632	_\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:07	VAX-11 FORTRAN V3.4-56
RH780_INTERRUPT	01	1450	_\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:07	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
RH780_CONTROL_REGISTERS	01	1947	_\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:23	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
UBA_ERRORS	3	DW730_ERROR	20	UBA_INTERRUPTS	3
DW780_INTERRUPT	35	MBA_INTERRUPTS	3	RH780_INTERRUPT	15
RH780_STATUS_REGISTER16_31	15	RH780_CONTROL_REGISTERS	33		

! 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
ERF COMMON	4	13	00000000-R	0	0	READ WRITE COPY ON REF	ERF COMMON_001	LESS/EQUAL	1	0
DEFAULT_CLUSTER	2	1	00000000-R	2	0	READ ONLY				
	4	3	00000200-R	3	0	READ ONLY				
	4	5	00000800-R	6	0	READ WRITE COPY ON REF				
	4	6	00001200-R	11	0	READ ONLY				
	2	3	00001E00-R	17	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
-----	-----	----	---	-----	-----	-----
\$SERFPROC4VECT		00000000	0000001F	00000020 (	32.)	BYTE 0
	ERFPROC4VECT	00000000	0000001F	00000020 (	32.)	BYTE 0
\$PDATA		00000200	00000672	00000473 (	1139.)	LONG 2
	ERFPRC4INI	00000200	00000200	00000000 (	0.)	LONG 2
	UBA_ERRORS	00000200	00000207	00000008 (	8.)	LONG 2
	DW730_ERROR	00000208	0000023A	00000033 (	51.)	LONG 2
	UBA_INTERRUPTS	0000023C	00000243	00000008 (	8.)	LONG 2
	DW780_INTERRUPT	00000244	000003FC	000001B9 (	441.)	LONG 2
	MBA_INTERRUPTS	00000400	00000407	00000008 (	8.)	LONG 2
	RH780_INTERRUPT	00000408	0000051B	00000114 (	276.)	LONG 2
	RH780_STATUS_REGISTER16_31	0000051C	0000052D	00000012 (	18.)	LONG 2
	RH780_CONTROL_REGISTERS	00000530	00000672	00000143 (	323.)	LONG 2
\$LOCAL		00000800	00001187	00000988 (	2440.)	LONG 2
	ERFPRC4INI	00000800	0000081F	00000020 (	32.)	LONG 2
	UBA_ERRORS	00000820	0000083F	00000020 (	32.)	LONG 2
	DW730_ERROR	00000840	00000943	00000104 (	260.)	LONG 2
	UBA_INTERRUPTS	00000944	00000963	00000020 (	32.)	LONG 2
	DW780_INTERRUPT	00000964	00000C7B	00000318 (	792.)	LONG 2
	MBA_INTERRUPTS	00000C7C	00000C9B	00000020 (	32.)	LONG 2
	RH780_INTERRUPT	00000C9C	00000D2B	00000090 (	144.)	LONG 2
	RH780_STATUS_REGISTER16_31	00000D2C	00000E7B	00000150 (	336.)	LONG 2
	RH780_CONTROL_REGISTERS	00000E7C	00001187	0000030C (	780.)	LONG 2
\$CODE		00001200	00001C9B	00000A9C (	2716.)	LONG 2
	ERFPRC4INI	00001200	00001212	00000013 (	19.)	LONG 2
	UBA_ERRORS	00001214	00001246	00000033 (	51.)	LONG 2
	DW730_ERROR	00001248	000012C6	0000007F (	127.)	LONG 2
	UBA_INTERRUPTS	000012C8	00001317	00000050 (	80.)	LONG 2
	DW780_INTERRUPT	00001318	000016C4	000003AD (	941.)	LONG 2
	MBA_INTERRUPTS	000016C8	00001717	00000050 (	80.)	LONG 2
	RH780_INTERRUPT	00001718	0000191D	00000206 (	518.)	LONG 2
	RH780_STATUS_REGISTER16_31	00001920	0000194D	0000002E (	46.)	LONG 2
	RH780_CONTROL_REGISTERS	00001950	00001C9B	0000034C (	844.)	LONG 2

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! Symbol Cross Reference !
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Symbol	Value	Defined By	Referenced By ...
COMPRESS4	00001E54-RX	ERFSHR	DW780_INTERRUPT RH780_CONTROL_REGISTERS RH780_INTERRUPT UBA_ERRORS UBA_INTERRUPTS ERFPROC4VECT DW730_ERROR DW780_INTERRUPT RH780_CONTROL_REGISTERS RH780_INTERRUPT DW730_ERROR DW780_INTERRUPT RH780_CONTROL_REGISTERS RH780_INTERRUPT DW780_INTERRUPT RH780_CONTROL_REGISTERS DW730_ERROR DW780_INTERRUPT RH780_CONTROL_REGISTERS RH780_INTERRUPT DW730_ERROR DW780_INTERRUPT RH780_INTERRUPT DW730_ERROR DW780_INTERRUPT RH780_INTERRUPT RH780_CONTROL_REGISTERS DW780_INTERRUPT MBA_INTERRUPTS RH780_CONTROL_REGISTERS RH780_INTERRUPT UBA_ERRORS UBA_INTERRUPTS DW730_ERROR DW780_INTERRUPT RH780_CONTROL_REGISTERS RH780_INTERRUPT DW730_ERROR DW780_INTERRUPT RH780_INTERRUPT ERFPROC4VECT DW730_ERROR DW780_INTERRUPT RH780_CONTROL_REGISTERS RH780_STATUS_REGISTER16_31
DW730_ERROR	00001248-R	DW730_ERROR	
DW780_INTERRUPT	00001318-R	DW780_INTERRUPT	
ERFPROC4INI	00001200-RU	ERFPROC4INI	
FOR\$IO_END	00001E84-RX	FORRTL	
FOR\$IO_L_R	00001E80-RX	FORRTL	
FOR\$IO_L_V	00001E78-RX	FORRTL	
FOR\$IO_T_DS	00001E74-RX	FORRTL	
FOR\$WRITE_SF	00001E7C-RX	FORRTL	
FRCTOF	00001E68-RX	ERFSHR	
HEADER	00001E64-RX	ERFSHR	
LIB\$EXTV	00001E90-RX	LIBRTL	
LIB\$EXTZV	00001E94-RX	LIBRTL	
LINCHK	00001E5C-RX	ERFSHR	
LOGGER	00001E60-RX	ERFSHR	
MBA_INTERRUPTS	000016C8-RU	MBA_INTERRUPTS	
OUTPUT	00001E58-RX	ERFSHR	
PROC4INIT	00000000-R	ERFPROC4VECT	
RH780_CONFIGURATION_REGISTER	00001E48-RX	ERFSHR	
RH780_CONTROL_REGISTERS	00001950-R	RH780_CONTROL_REGISTERS	
RH780_INTERRUPT	00001718-R	RH780_INTERRUPT	

Symbol	Value	Defined By	Referenced By ...
RH780_STATUS_REGISTER16_31	00001920-R	RH780_STATUS_REGISTER16_31	RH780_CONTROL_REGISTERS
UBA_ERRORS	00001214-RU	UBA_ERRORS	ERFPROC4VECT
UBA_INTERRUPTS	000012C8-RU	UBA_INTERRUPTS	ERFPROC4VECT
UBA_REGA	00001E4C-RX	ERFSHR	DW780_INTERRUPT
VAXPSL	00001E50-RX	ERFSHR	DW780_INTERRUPT
			RH780_INTERRUPT

! Symbols By Value !

Value	Symbols...
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00000000	R-PROC4INIT
00001200	R-ERFPRC4INI
00001214	R-UBA_ERRORS
00001248	R-DW730_ERROR
000012C8	R-UBA_INTERRUPTS
00001318	R-DW780_INTERRUPT
000016C8	R-MBA_INTERRUPTS
00001718	R-RH780_INTERRUPT
00001920	R-RH780_STATUS_REGISTER16_31
00001950	R-RH780_CONTROL_REGISTERS
00001E48	RX-RH780_CONFIGURATION_REGISTER
00001E4C	RX-UBA_REGA
00001E50	RX-VAXPSL
00001E54	RX-COMPRESS4
00001E58	RX-OUTPUT
00001E5C	RX-LINCHK
00001E60	RX-LOGGER
00001E64	RX-HEADER
00001E68	RX-FRCTOF
00001E74	RX-FOR\$IO_T_DS
00001E78	RX-FOR\$IO_L_V
00001E7C	RX-FOR\$WRITE_SF
00001E80	RX-FOR\$IO_L_R
00001E84	RX-FOR\$IO-END
00001E90	RX-LIB\$EXTV
00001E94	RX-LIB\$EXTZV

Key for special characters above:

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

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! Image Synopsis !
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Virtual memory allocated: 00000000 000023FF 00002400 (9216. bytes, 18. pages)
 Stack size: 0. pages
 Image header virtual block limits: 1. (1. block)
 Image binary virtual block limits: 2. (11. blocks)
 Image name and identification: ERFPROC4 V04-000
 Number of files: 6.
 Number of modules: 15.
 Number of program sections: 19.
 Number of global symbols: 916.
 Number of cross references: 80.
 Number of image sections: 20.
 User transfer address: 00000000
 Number of address fixups: 129.
 Number of code references to shareable images: 16.
 Image type: PIC, SHAREABLE. Global Section Match=LESS/EQUAL, Ident, Major=1, Minor=0
 Map format: FULL WITH CROSS REFERENCE in file _S255SDUA28:[ERF.LIS]ERFPROC4.MAP;1
 Estimated map length: 166. blocks

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! Link Run Statistics !
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Performance Indicators

	Page Faults	CPU Time	Elapsed Time
Command processing:	115	00:00:01.08	00:00:02.55
Pass 1:	182	00:00:01.35	00:00:06.51
Allocation/Relocation:	41	00:00:00.20	00:00:00.78
Pass 2:	64	00:00:01.02	00:00:04.37
Map data after object module synopsis:	20	00:00:00.47	00:00:00.69
Symbol table output:	4	00:00:00.06	00:00:00.74
Total run values:	426	00:00:04.18	00:00:15.64

Using a working set limited to 1050 pages and 527 pages of data storage (excluding image)

Total number object records read (both passes): 287
 of which 103 were in libraries and 29 were DEBUG data records containing 1158 bytes

Number of modules extracted explicitly = 10
 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\$:ERFPROC4/FULL/CROSS/SHARE=EXE\$:ERFPROC4 LIB\$:ERF/INCLUDE=(ERFPROC4VECT,ERFPRC4INI,UBA_ERRORS,DW73
 0_ERROR,UBA_INTERRUPTS,DW780_INTERRUPT,MBA_INTERRUPTS,RH780_INTERRUPT,RH780_STATUS_REGISTER16_31,RH780_CONTROL_REGISTERST,COM\$:PSECT
 ATTR/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

