


```

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

```

Syn

ERI
FOI
FOI
FOI
FOI
HEI
LI
LO
ME
NE
PR
SY
SY

! 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
ERFPROC4VECT	V04-000	32	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	15-SEP-1984 27:57	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

! Module Relocatable Reference Synopsis !

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	000007E0-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	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   |
+-----+

```

Vis
 St
 Im
 Im
 Num
 Num
 Num
 Num
 Num
 Num
 Us
 Num
 Num
 Im
 Mal
 Es
 Per

 Tot
 Us
 Tot
 Num
 0
 A
 LI
 P
 EX
 EX
 gsi
 psi
 psi
 psi

! Symbol Cross Reference !

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

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

EXI

MOX

ERI
FOI
LII
MTI
ERI
ERI
ERI
LP/
PCI
PCI
UCI

XFI
LP/
DR/
DR/
PCI
PCI
BSI
DR/
DR/

MOX

LP/
UCI
DR/
PCI
DR/

! Symbols By Value !

Value	Symbols...
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-FORSIO_T_DS
00001E78	RX-FORSIO_L_V
00001E7C	RX-FORSWRITE_SF
00001E80	RX-FORSIO_L_R
00001E84	RX-FORSIO_END
00001E90	RX-LIBSEXTV
00001E94	RX-LIBSEXTZV

Key for special characters above:

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

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_S:
ER
FOI
LII
MT
ER
DE

! Image Synopsis !

Virtual memory allocated: 00000000 000023FF 00002400 (9216. bytes, 18. pages)
 Stack size: 0. pages
 Image header virtual block limits: 1. 1. (1. block)
 Image binary virtual block limits: 2. 12. (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 _\$255\$DUA28:[ERF.LIS]ERFPROC4.MAP;1
 Estimated map length: 166. blocks

! Link Run Statistics !

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_REGISTERS),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=mrđ,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

This page contains a grid of 100 small technical diagrams and tables, organized into 10 columns and 10 rows. Each diagram is titled with a specific component name and often includes a 'REQ' (Requirement) or 'DEF' (Definition) label. The titles of the diagrams are as follows:

- Row 1: ERFPROCH MAP, EMBETDEF REQ, DEVERR FOR, MODES FOR, SSMESAGE FOR, BUGCHK LIS
- Row 2: ERFSHR MAP, ERFDEF REQ, MSGHDR FOR, SYECOM FOR, BSDRIVER LIS, B.C. DISP LIS
- Row 3: ERFPROC3 MAP, ERFTAPE MAP, PARSERDAT, DEV CLASS FOR, MSQHDR FOR, SYECOM FOR, BSDRIVER LIS
- Row 4: ERFRLTIM MAP, ERFSUMM MAP, EMBLDEF FOR, QIOCOMMON FOR, VOLMOUNT FOR
- Row 5: ERFPROC5 MAP, DEVERRDEF REQ, RECSLDEF REQ, BRIEF LIS
- Row 6: ERFPROC6 MAP, EMBSPDEF FOR

The diagrams consist of various types of visual information, including flowcharts, block diagrams, and tables of data or specifications. Many of the diagrams include small sub-titles or labels such as 'REQ', 'DEF', 'FOR', or 'LIS'. The overall layout is dense and technical, typical of a detailed engineering or software specification manual.