


```

EEEEEEEEEE RRRRRRRR FFFFFFFFFF PPPPPPPP RRRRRRRR 000000 CCCCCCCC 333333
EEEEEEEEEE RRRRRRRR FFFFFFFFFF PPPPPPPP RRRRRRRR 000000 CCCCCCCC 333333
EE          RR        RR FF          PP        PP RR        RR 00        00 CC        33        33
EE          RR        RR FF          PP        PP RR        RR 00        00 CC        33        33
EE          RR        RR FF          PP        PP RR        RR 00        00 CC        33        33
EE          RR        RR FF          PP        PP RR        RR 00        00 CC        33        33
EEEEEEEEEE RRRRRRRR FFFFFFFFFF PPPPPPPP RRRRRRRR 00        00 CC        33
EEEEEEEEEE RRRRRRRR FFFFFFFFFF PPPPPPPP RRRRRRRR 00        00 CC        33
EE          RR  RR    FF          PP        RR  RR  00        00 CC        33
EE          RR  RR    FF          PP        RR  RR  00        00 CC        33
EE          RR  RR    FF          PP        RR  RR  00        00 CC        33
EE          RR  RR    FF          PP        RR  RR  00        00 CC        33
EEEEEEEEEE RR        RR FF          PP        RR  RR  00        00 CC        33
EEEEEEEEEE RR        RR FF          PP        RR  RR  00        00 CC        33

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

```

! 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
ERFPROC3VECT	V04-000	32	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	15-SEP-1984 23:57	VAX/VMS Macro V04-00
ERFPROC3INI	01	75	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:04	VAX-11 FORTRAN V3.4-56
MNT_DISMNT_DISP	01	846	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:10	VAX-11 FORTRAN V3.4-56
MA780	01	6738	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:07	VAX-11 FORTRAN V3.4-56
MEMORY	01	4335	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:07	VAX-11 FORTRAN V3.4-56
MS780C	01	2227	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:07	VAX-11 FORTRAN V3.4-56
MS780E	01	2330	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:07	VAX-11 FORTRAN V3.4-56
MS750	01	2363	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:07	VAX-11 FORTRAN V3.4-56
MS730	01	1822	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:07	VAX-11 FORTRAN V3.4-56
DECODE_ECC	01	931	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:19	VAX-11 FORTRAN V3.4-56
SBI	01	2135	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:28	VAX-11 FORTRAN V3.4-56
MEMORY_REGISTER_UV1	01	929	-\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:07	VAX-11 FORTRAN V3.4-56

! Module Relocatable Reference Synopsis !

Module Name	Number	Module Name	Number	Module Name	Number
MNT_DISMNT_DISP	27	MA780	187	MEMORY	124
MS780C	64	MS780E	74	MS750	67
MS730	57	DECODE_ECC	7	SBI	28
MEMORY_REGISTER_UV1	39				

! 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	6	00000200-R	3	0	READ ONLY				
	4	16	00000E00-R	9	0	READ WRITE COPY ON REF				
	4	23	00002E00-R	25	0	READ ONLY				
	2	7	00005C00-R	48	0	READ WRITE FIXUP VECTORS				

Key for special characters above:

```

-----
! R - Relocatable !
! P - Protected   !
-----

```

_S2
Syn
RH7
UBA
UBA
UBA
VA)

-----+
! Symbol Cross Reference .
-----+

Symbol	Value	Defined By	Referenced By ...
B_SBI	00005853-R	SBI	SBI
CCASSIFY	00005C48-RX	ERFSHR	MA780
COMPRESS4	00005C94-RX	ERFSHR	MEMORY_REGISTER_UV1
			MS750
			MS780C
COMPRESSC	00005C90-RX	ERFSHR	MS780E
			SBI
			MS780C
DECODE_ECC	00005460-R	DECODE_ECC	MA780
			MS780E
			MA780
			MEMORY
			MS730
			MS750
			MS780E
DISMOUNT	00005CA0-RX	ERFSHR	MNT_DISMNT_DISP
DISMOUNT VOLUME	00005C98-RX	ERFSHR	MNT_DISMNT_DISP
ERFPROC3INI	00002E00-RU	ERFPROC3INI	ERFPROC3VECT
FOR\$IO_END	00005CC4-RX	FORRTL	MA780
			MEMORY_REGISTER_UV1
			MS730
			MS780C
FOR\$IO_L_R	00005CC0-RX	FORRTL	MS780E
			SBI
			MEMORY
			MS730
			MS780C
FOR\$IO_L_V	00005CBC-RX	FORRTL	MS780E
			MA780
			MEMORY
			MS730
			MS750
FOR\$IO_T_DS	00005CB8-RX	FORRTL	MS780C
			MA780
			MS730
			MS780C
FOR\$WRITE_SF	00005CB4-RX	FORRTL	MS780E
			MA780
			MEMORY
			MS730
			MEMORY_REGISTER_UV1
			MS750
			MS780C
FRCTOF	00005C68-RX	ERFSHR	SBI
HEADER	00005C7C-RX	ERFSHR	MEMORY
LABEL	00005CAB-RX	ERFSHR	MNT_DISMNT_DISP
LIB\$EXTZV	00005CD8-RX	LIBRTL	DECODE_ECC
			MEMORY
			MA780
			MEMORY_REGISTER_UV1
			MS730
			MS750
			MS780E
LIB\$INSV	00005CD0-RX	LIBRTL	SBI
LIB\$LOCC	00005CD4-RX	LIBRTL	MEMORY_REGISTER_UV1
LINCHK	00005C88-RX	ERFSHR	MA780
			MA780
			MEMORY
			MS730
			MS780C
LOGGER	00005C78-RX	ERFSHR	MS780E
MA780	00002E9C-R	MA780	MEMORY
MA780_REGA	00005C84-RX	ERFSHR	MEMORY
			MA780

Vir
Sta
Ima
Ima
Ima
Num
Num
Num
Num
Num
Num
Use
Num
Num
Ima
Map
Est

Per

Tot
Usi
Tot
Num
O I
A I
LIN
O E
ATI
EXE
EXE
gsa
pse
pse

! Symbols By Value !

Value	Symbols...
-----	-----
00000000	R-PROC3INIT
00002E00	R-ERFPRC3INI
00002E14	R-MNT_DISMNT_DISP
00002E9C	R-MA780
000038E4	R-MEMORY
00004330	R-MS780C
0000477C	R-MS780E
00004BC8	R-MS750
000050C0	R-MS730
00005460	R-DECODE_ECC
00005524	R-SBI
00005853	R-B SBI
000058E8	R-MEMORY_REGISTER_UV1
00005C48	RX-CLASSIFY
00005C4C	RX-SBI_SILO
00005C50	RX-SBI_TIMEOUT
00005C54	RX-SBI_ERROR
00005C58	RX-SBI_MAINTENANCE
00005C5C	RX-SBI_COMPARATOR
00005C60	RX-SBI_FAULTREG
00005C64	RX-VAXPSL
00005C68	RX-FRCTOF
00005C6C	RX-MS780E_REGA
00005C70	RX-MS780C_REGA
00005C74	RX-MEMORY_Q
00005C78	RX-LOGGER
00005C7C	RX-HEADER
00005C80	RX-OUTPUT
00005C84	RX-MA780_REGA
00005C88	RX-LINCHR
00005C8C	RX-MOVC3
00005C90	RX-COMPRESSC
00005C94	RX-COMPRESS4
00005C98	RX-DISMOUNT_VOLUME
00005C9C	RX-MOUNT_VOLUME
00005CA0	RX-DISMOUNT
00005CA4	RX-MOUNT
00005CAB	RX-LABEL
00005CB4	RX-FOR\$WRITE_SF
00005CB8	RX-FOR\$IO_T_DS
00005CBC	RX-FOR\$IO_L_V
00005CC0	RX-FOR\$IO_L_R
00005CC4	RX-FOR\$IO_END
00005CD0	RX-LIB\$INSV
00005CD4	RX-LIB\$LOCC
00005CD8	RX-LIB\$EXTZV

Value

Symbols...

Key for special characters above:

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

EXE

Mod

ERF

FOR

LIB

MTB

FRS

CF

ERF

SYS

SYS

MES

NEW

Mod

SYS

NEW

! Image Synopsis !

Virtual memory allocated: 00000000 000069FF 00006A00 (27136. bytes, 53. pages)
 Stack size: 0. pages
 Image header virtual block limits: 1. (1. block)
 Image binary virtual block limits: 2. (31. blocks)
 Image name and identification: ERFPROC3 V04-000
 Number of files: 6.
 Number of modules: 17.
 Number of program sections: 19.
 Number of global symbols: 919.
 Number of cross references: 160.
 Number of image sections: 20.
 User transfer address: 00000000
 Number of address fixups: 680.
 Number of code references to shareable images: 33.
 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]ERFPROC3.MAP,1
 Estimated map length: 171. blocks

! Link Run Statistics !

Performance Indicators	Page Faults	CPU Time	Elapsed Time
Command processing:	141	00:00:01.03	00:00:01.82
Pass 1:	182	00:00:01.64	00:00:07.11
Allocation/Relocation:	35	00:00:00.17	00:00:00.68
Pass 2:	104	00:00:02.19	00:00:07.07
Map data after object module synopsis:	18	00:00:00.64	00:00:00.81
Symbol table output:	4	00:00:00.09	00:00:00.84
Total run values:	484	00:00:05.76	00:00:18.33

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

Total number object records read (both passes): 379
of which 149 were in libraries and 41 were DEBUG data records containing 2717 bytes

Number of modules extracted explicitly = 12
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\$:ERFPROC3/FULL/CROSS/SHARE=EXES:ERFPROC3 LIBS:ERF/INCLUDE=(ERFPROC3VECT,ERFPRC3INI,MNT_DISMNT_DISP,
 MA780,MEMORY,MS780C,MS780E,MS750,MS730,DECODE_ECC,SBI,MEMORY_REGISTER_UV1),COM\$:PSECTATTR/OPT
 EXES:erfshr.exe/share
 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

Pse

\$SE

\$PD

\$LC

\$CC

