


```

EEEEEEEEEE RRRRRRRR FFFFFFFF CCCCCCCC 000000 MM MM MM MM 000000 NN NN
EEEEEEEEEE RRRRRRRR FFFFFFFF CCCCCCCC 000000 MM MM MM MM 000000 NN NN
EE RR RR FF CC 00 00 MMMM MMMM MMMM MMMM 00 00 NN NN
EE RR RR FF CC 00 00 MMMM MMMM MMMM MMMM 00 00 NN NN
EE RR RR FF CC 00 00 MM MM MM MM MM MM 00 00 NNNN NN
EEEEEEEEEE RRRRRRRR FFFFFFFF CCCCCCCC 00 00 MM MM MM MM MM MM 00 00 NNNN NN
EEEEEEEEEE RRRRRRRR FFFFFFFF CCCCCCCC 00 00 MM MM MM MM MM MM 00 00 NN NN NN
EE RR RR FF CC 00 00 MM MM MM MM MM MM 00 00 NN NN NNNN
EE RR RR FF CC 00 00 MM MM MM MM MM MM 00 00 NN NN NNNN
EE RR RR FF CC 00 00 MM MM MM MM MM MM 00 00 NN NN NNNN
EEEEEEEEEE RR RR FF CCCCCCCC 000000 MM MM MM MM 000000 NN NN
EEEEEEEEEE RR RR FF CCCCCCCC 000000 MM MM MM MM 000000 NN NN

```

```

MM MM AAAAAA PPPPPPP
MM MM AAAAAA PPPPPPP
MMM MMM AA AA PP PP
MMM MMM AA AA PP PP
MM MM MM AA AA PP PP
MM MM MM AA AA PPPPPPP
MM MM MM AA AA PPPPPPP
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 !

<u>Module Name</u>	<u>Ident</u>	<u>Bytes</u>	<u>File</u>	<u>Creation Date</u>	<u>Creator</u>
ERFCOMVEC	V04-000	8	_\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	15-SEP-1984 23:56	VAX/VMS Macro V04-00
ERFCOM	01	6298	_\$255\$DUA28:[ERF.OBJ]ERF.OLB;1	16-Sep-1984 00:02	VAX-11 FORTRAN V3.4-56

↑-----↑
! Image Section Synopsis !
↑-----↑

<u>Cluster</u>	<u>Type</u>	<u>Pages</u>	<u>Base Addr</u>	<u>Disk VBN</u>	<u>PFC</u>	<u>Protection and Paging</u>	<u>Global Sec. Name</u>	<u>Match</u>	<u>Majorid</u>	<u>Minorid</u>
DEFAULT_CLUSTER	4	13	00000000-R	2	0	READ WRITE COPY ON REF				

Key for special characters above:

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

_\$255\$
Symt
CALC
CALC
COM
COM
COM
DBDI
DHEA
DIS
DQD
DQD
DRDI
ERFI
FOR
FOR
FOR

! Program Section Synopsis !

<u>Psect Name</u>	<u>Module Name</u>	<u>Base</u>	<u>End</u>	<u>Length</u>	<u>Align</u>	<u>Attributes</u>
DR32	ERF COM	00000000 00000000	00000257 00000257	00000258 () 00000258 ()	600.) LONG 2 600.) LONG 2	PIC,USR,OVR,REL,GBL,NOSHR,NOEXE, RD, WRT,NOVEC
EMB	ERF COMVEC ERF COM	00000258 00000258 00000258	00000457 0000025B 00000457	00000200 () 00000004 () 00000200 ()	512.) LONG 2 4.) BYTE 0 512.) LONG 2	PIC,USR,OVR,REL,GBL,NOSHR,NOEXE, RD, WRT,NOVEC
MODE	ERF COM	00000458 00000458	0000048E 0000048E	00000037 () 00000037 ()	55.) LONG 2 55.) LONG 2	PIC,USR,OVR,REL,GBL,NOSHR,NOEXE, RD, WRT,NOVEC
OPCODE	ERF COM	00000490 00000490	0000138F 0000138F	00000F00 () 00000F00 ()	3840.) LONG 2 3840.) LONG 2	PIC,USR,OVR,REL,GBL,NOSHR,NOEXE, RD, WRT,NOVEC
QIOCOMMON	ERF COM	00001390 00001390	0000186E 0000186E	000004DF () 000004DF ()	1247.) LONG 2 1247.) LONG 2	PIC,USR,OVR,REL,GBL,NOSHR,NOEXE, RD, WRT,NOVEC
SYECOM	ERF COMVEC ERF COM	00001870 00001870 00001870	0000189B 00001873 0000189B	0000002C () 00000004 () 0000002C ()	44.) LONG 2 4.) BYTE 0 44.) LONG 2	PIC,USR,OVR,REL,GBL,NOSHR,NOEXE, RD, WRT,NOVEC

Symt

FOR

FOR

FOR

FOR

FOR

FOR

! Symbol Cross Reference !

<u>Symbol</u>	<u>Value</u>	<u>defined By</u>	<u>Referenced By ...</u>
EMB	00000258-RU	ERFCOMVEC	
ERFCOM	00000000	ERFCOM	
SYECOM	00001870-RU	ERFCOMVEC	

↑-----↑
! Symbols By Value !
↑-----↑

Value	Symbols...
-----	-----
00000000	ERF.COM
00000258	RU-EMB
00001870	RU-SYECOM

Key for special characters above:

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

! Image Synopsis !

Virtual memory allocated:
Stack size:
Image header virtual block limits:
Image binary virtual block limits:
Image name and identification:
Number of files:
Number of modules:
Number of program sections:
Number of global symbols:
Number of cross references:
Number of image sections:
Image type:
Map format:
Estimated map length:

00000000 000019FF 00001A00 (6656. bytes, 13. pages)

0. pages

1. (1. block)

0. (0. blocks)

ERF COMMON V04-000

1.

2.

7.

1.

3.

1.

PIC, SHAREABLE. Global Section Match=LESS/EQUAL, Ident, Major=1, Minor=0
FULL WITH CROSS REFERENCE in file _\$255\$DUA28:[ERF.LIS]ERF COMMON.MAP;1
21. blocks

! Link Run Statistics !

Performance Indicators

	Page Faults	CPU Time	Elapsed Time
Command processing:	156	00:00:00.83	00:00:02.39
Pass 1:	50	00:00:00.12	00:00:01.16
Allocation/Relocation:	23	00:00:00.18	00:00:01.58
Pass 2:	20	00:00:00.25	00:00:03.33
Map data after object module synopsis:	10	00:00:00.16	00:00:00.17
Symbol table output:	4	00:00:00.07	00:00:00.90
Total run values:	263	00:00:01.61	00:00:09.53

Using a working set limited to 750 pages and 92 pages of data storage (excluding image)

Total number object records read (both passes): 36
of which 20 were in libraries and 4 were DEBUG data records containing 78 bytes

Number of modules extracted explicitly = 2
with 0 extracted to resolve undefined symbols

0 library searches were for symbols not in the library searched

A total of 10 global symbol table records was written

LINK/USERLIB=PROC/NOTRACE/SHAR=EXE\$:ERF COMMON/MAP=MAP\$:ERF COMMON/FULL/CROSS LIB\$:ERF/INCLUDE=(ERF COMVEC,ERF COM).COM\$:COMMATR/OPT

Universal = emb, syecom
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

_\$2

Sym

OUT

OUT
RH7
RH7
RH7

RH7
RH7
RH7
RH7

RKD
RKD
RLD
RLD
RXD
RXD
TUT
TUT
UBA

UBA

UCB

UCB

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

_\$2

Sym

UCB

UCB

UCB

UCB

UCB

VEC

0145 AH-BT13A-SE
VAX/VMS V4.0

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This image displays a comprehensive set of technical documentation for the VAX/VMS V4.0 system. The content is organized into a grid of approximately 10 columns and 15 rows. The first column contains three large sections: VAXLOAD LIS, VAXSTATUS LIS, and VAXSTRING LIS. The remaining columns are filled with various diagnostic and configuration tools, including:

- ERFBRIEF MAP
- ERFPROC1 MAP
- ERFDISK MAP
- ERFBUS MAP
- ERFINICOM MAP
- ERFCOMMON MAP
- ENCRYP
- ENCRYP ERF
- ENCSTJBS LIS
- ENCSTJBS ERF MAP
- ERFPROC2 MAP

The diagrams consist of complex tables with multiple columns of data, flowcharts, and schematic representations of system components and their interactions. The text is small and densely packed, typical of technical manuals from that era.