

BBBBBBBBBBBB		000000000		000000000		TTTTTTTTTTTT		SSSSSSSSSS
BBBBBBBBBBBB		000000000		000000000		TTTTTTTTTTTT		SSSSSSSSSS
BBBBBBBBBBBB		000000000		000000000		TTTTTTTTTTTT		SSSSSSSSSS
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBBBBBBBBBBB		000	000	000	000	TTT	SSS	
BBBBBBBBBBBB		000	000	000	000	TTT	SSS	
BBBBBBBBBBBB		000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBB	BBB	000	000	000	000	TTT	SSS	
BBBBBBBBBBBB		000000000		000000000		TTT	SSSSSSSSSS	
BBBBBBBBBBBB		000000000		000000000		TTT	SSSSSSSSSS	
BBBBBBBBBBBB		000000000		000000000		TTT	SSSSSSSSSS	

```

BBBBBBBB 000000 000000 TTTTTTTTTT 5555555555 888888
BBBBBBBB 000000          TTTTTTTTTT 5555555555 888888
BB      BB 00      00 00      00      TT      55      88      88
BB      BB 00      00 00      00      TT      55      88      88
BB      BB 00      00 00      00      TT      555555 88      88
BB      BB 00      00 00      00      TT      555555 88      88
BBBBBBBB 00      00 00      00      TT      55      888888
BBBBBBBB 00      00 00      00      TT      55      888888
BB      BB 00      00 00      00      TT      55      88      88
BB      BB 00      00 00      00      TT      55      88      88
BB      BB 00      00 00      00      TT      55      88      88
BB      BB 00      00 00      00      TT      55      88      88
BBBBBBBB 000000 000000 TTT      55      55      888888
BBBBBBBB 000000          TTT      555555 55      888888

```

```

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  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

```



```

+-----+
! Object Module Synopsis !
+-----+

```

Module Name	Ident	Bytes	File	Creation Date	Creator
BOO\$CVT_ATB	V04-000	15	-\$255\$DUA28:[BOOTS.OBJ]SYSBOOT.OLB;1	15-SEP-1984 23:38	VAX/VMS Macro V04-00
BOOT58	V04-000	4762	-\$255\$DUA28:[BOOTS.OBJ]SYSBOOT.OLB;1	15-SEP-1984 23:38	VAX/VMS Macro V04-00
CONIO	V04-000	196	-\$255\$DUA28:[BOOTS.OBJ]SYSBOOT.OLB;1	15-SEP-1984 23:48	VAX/VMS Macro V04-00
RTFILREAD	V04-000	195	-\$255\$DUA28:[BOOTS.OBJ]SYSBOOT.OLB;1	16-SEP-1984 00:00	VAX/VMS Macro V04-00
T58BOOTIO	V04-000	21	-\$255\$DUA28:[BOOTS.OBJ]SYSBOOT.OLB;1	16-SEP-1984 00:15	VAX/VMS Macro V04-00
CVTFILNAM	V04-000	211	-\$255\$DUA28:[SYSOBJ]SYS.OLB;1	15-SEP-1984 23:58	VAX/VMS Macro V04-00
CVT_ATB	V04-000	122	-\$255\$DUA28:[SYSOBJ]SYS.OLB;1	15-SEP-1984 23:57	VAX/VMS Macro V04-00
SYSFAO	V04-000	1515	-\$255\$DUA28:[SYSOBJ]SYS.OLB;1	16-SEP-1984 02:06	VAX/VMS Macro V04-00
XDELTA	V04-000	2752	-\$255\$DUA28:[SYSOBJ]DELTA.OLB;1	15-SEP-1984 23:40	VAX/VMS Macro V04-00
LIB\$TPARSE	V04-000	1735	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-Sep-1984 02:20	VAX-11 Bliss-32 V4.0-742
LIB\$MSGDEF	2-018	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:43	VAX-11 Message V04-00

! 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	0	23	00000000		1	0 READ ONLY				

Key for special characters above:

! R - Relocatable !
! P - Protected !

```

+-----+
! Program Section Synopsis !
+-----+

```

Psect Name	Module Name	Base	End	Length	Align	Attributes
\$\$\$\$00BOOT	BOOT58 T58BOOTIO	00000000 00000000 000008C8	000008DC 000008C7 000008DC	000008DD (2269.) 000008C8 (2248.) 00000015 (21.)	LONG 2 LONG 2 LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
\$CONIO	CONIO	000008DD 000008DD	000009A0 000009A0	000000C4 (196.) 000000C4 (196.)	BYTE 0 BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
BOOT58_DATA	BOOT58	000009A4 000009A4	000011B5 000011B5	00000812 (2066.) 00000812 (2066.)	LONG 2 LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
YCVTATB	BOO\$CVT_ATB CVT_ATB	000011B6 000011B6 000011C5	0000123E 000011C4 0000123E	00000089 (137.) 0000000F (15.) 0000007A (122.)	BYTE 0 BYTE 0 BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
YF\$SYSFAO	SYSFAO	0000123F 0000123F	00001829 00001829	000005EB (1515.) 000005EB (1515.)	BYTE 0 BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
YFILEREAD	RTFILREAD CVTFILNAM	0000182C 0000182C 000018EF	000019C1 000018EE 000019C1	00000196 (406.) 000000C3 (195.) 000000D3 (211.)	LONG 2 LONG 2 BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
Z\$DEBUG_CODE	XDELTA	000019C4 000019C4	00002483 00002483	00000AC0 (2752.) 00000AC0 (2752.)	LONG 2 LONG 2	PIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
_LIB\$CODE	LIB\$TPARSE	00002484 00002484	00002A9E 00002A9E	0000061B (1563.) 0000061B (1563.)	LONG 2 LONG 2	PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
_LIB\$KEY0\$	BOOT58	00002AA0 00002AA0	00002AAD 00002AAD	0000000E (14.) 0000000E (14.)	WORD 1 WORD 1	PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
_LIB\$KEY1\$	BOOT58	00002AAE 00002AAE	00002ADF 00002ADF	00000032 (50.) 00000032 (50.)	WORD 1 WORD 1	PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
_LIB\$PARSE_KEY0	LIB\$TPARSE	00002AE0 00002AE0	00002AE0 00002AE0	00000000 (0.) 00000000 (0.)	WORD 1 WORD 1	PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
_LIB\$PARSE_STATE	LIB\$TPARSE	00002AE0 00002AE0	00002B8B 00002B8B	000000AC (172.) 000000AC (172.)	WORD 1 WORD 1	PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
_LIB\$STATES	BOOT58	00002B8C 00002B8C	00002D0B 00002D0B	00000180 (384.) 00000180 (384.)	BYTE 0 BYTE 0	PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
--Z99BOOT	BOOT58	00002E00 00002E00	00002E00 00002E00	00000000 (0.) 00000000 (0.)	PAGE 9 PAGE 9	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC

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

```

Symbol	Value	Defined By	Referenced By ...
BOOS\$ACMSG	00000253-R	BOOT58	
BOOS\$READPROMPT	000008DD-R	CONIO	BOOT58
BOOT58	00000057-R	BOOT58	
BOOT58_TABLE	00002B8C-R	BOOT58	
CON\$GETCHAR	00000992-R	CONIO	XDELTA
CON\$OWNCTY	000009A0-R	CONIO	XDELTA
CON\$PUTCHAR	00000962-R	CONIO	XDELTA
CON\$RELEASECTY	000009A0-R	CONIO	XDELTA
DEPOSIT_VALUE	000006AC-R	BOOT58	
DRIVER_SUBROUT	000011B2-R	BOOT58	T58BOOTIO
EXADP-ADDR	000004C2-R	BOOT58	
EXESACVIOLAT	00000888-R	BOOT58	XDELTA
EXESBREAK	00000888-R	BOOT58	XDELTA
EXESFAO	0000127E-R	SYSFAO	BOOT58
EXESFAOL	0000128B-R	SYSFAO	
EXESGB_CPUTYPE	00000888-R	BOOT58	XDELTA
EXESGL_FLAGS	000008BC-R	BOOT58	
EXESGL-SCB	000008BC-R	BOOT58	XDELTA
EXESMCHKVEC	00002E04-R	BOOT58	
EXESROPRAND	00000888-R	BOOT58	XDELTA
EXESSIGTORET	00000000		WK-SYSFAO
EXESTBIT	00000888-R	BOOT58	XDELTA
EXESV_SIMULATOR	00000000	BOOT58	
EXECUTE_COMMAND	0000027B-R	BOOT58	
FIL\$CVTFILNAM	000018EF-R	CVTFILNAM	RTFILREAD
FIL\$CVT_DTB	000011CE-R	CVT_ATB	BOOS\$CVT_ATB
FIL\$CVT-HTB	000011DC-R	CVT_ATB	BOOS\$CVT_ATB
FIL\$CVT_OTB	000011D5-R	CVT_ATB	BOOS\$CVT_ATB
FIL\$READ_LBN	000008C8-R	T58BOOTIO	BOOT58
INISBRK	00000050-R	BOOT58	XDELTA
INISRDONLY	000008BB-R	BOOT58	XDELTA
INISWRITABLE	000008BB-R	BOOT58	XDELTA
KEY_TABLE	00002AA0-R	BOOT58	
LIB\$\$IDENT_KEY_TABLE	00002AE0-R	LIB\$TPARSE	
LIB\$\$IDENT_STATE_TABLE	00002B20-R	LIB\$TPARSE	
LIB\$\$UIC_KEY_TABLE	00002AE0-R	LIB\$TPARSE	
LIB\$\$UIC_STATE_TABLE	00002AE0-R	LIB\$TPARSE	
LIB\$CVT_DTB	000011BB-R	BOOS\$CVT_ATB	LIB\$TPARSE
LIB\$CVT-HTB	000011C0-R	BOOS\$CVT_ATB	LIB\$TPARSE
LIB\$CVT_OTB	000011B6-R	BOOS\$CVT_ATB	LIB\$TPARSE
LIB\$INS_DECODE	00000000		WK-XDELTA
LIB\$TPARSE	000024A4-R	LIB\$TPARSE	BOOT58
LIB\$_INVTTYPE	0015828C	LIB\$MSGDEF	LIB\$TPARSE
LIB\$-SYNTAXERR	00158284	LIB\$MSGDEF	LIB\$TPARSE
MMGS\$PAGEFAULT	0000088C-R	BOOT58	XDELTA
MOV_FILESPEC	00000302-R	BOOT58	
OPEN_FILE	0000087E-R	BOOT58	
PFNSAB_STATE	000008BC-R	BOOT58	XDELTA
PFNSAB_TYPE	000008BC-R	BOOT58	XDELTA

Symbol	Value	Defined By	Referenced By ...
PFNSAL_BAK	000008BC-R	BOOT58	XDELTA
PFNSAL_PTE	000008BC-R	BOOT58	XDELTA
PFNSAW_BLINK	000008BC-R	BOOT58	
PFNSAW_FLINK	000008BC-R	BOOT58	
PFNSAW_REFCNT	000008BC-R	BOOT58	XDELTA
PFNSAW_SWPVB	000008BC-R	BOOT58	XDELTA
PFNSAX_BLINK	000008BC-R	BOOT58	XDELTA
PFNSAX_FLINK	000008BC-R	BOOT58	XDELTA
RTF\$OPENFILE	0000182C-R	RTFILREAD	BOOT58
SAV_DEVSPEC	00000322-R	BOOT58	
SCH\$GL_CURPCB	000008BC-R	BOOT58	XDELTA
SCH\$GL_PCBVEC	000008BC-R	BOOT58	XDELTA
SET_BOOT_FLAG	000002E8-R	BOOT58	
SET_BYTE	00000432-R	BOOT58	
SET_CMDFIL_FLAG	000002F3-R	BOOT58	
SET_DEPOS_FLAG	000002D2-R	BOOT58	
SET_EXAM_FLAG	000002C7-R	BOOT58	
SET_GENERAL	00000492-R	BOOT58	
SET_HELP_FLAG	000002DD-R	BOOT58	
SET_INTERNAL	000004AA-R	BOOT58	
SET_LOAD_FLAG	000002B1-R	BOOT58	
SET_LONG	00000462-R	BOOT58	
SET_PHYSICAL	0000047A-R	BOOT58	
SET_STARTADDR	00000416-R	BOOT58	
SET_START_FLAG	000002BC-R	BOOT58	
SET_WORD	0000044A-R	BOOT58	
SYSSASCTIM	000008C0-R	BOOT58	SYSFAO
SYSSASCTOID	000008C0-R	BOOT58	LIB\$TPARSE
SYSSFAO	00000883-R	BOOT58	
SYSSFILESCAN	000008C0-R	BOOT58	LIB\$TPARSE
SYSSIDTOASC	000008C0-R	BOOT58	SYSFAO
SYSSIOBASE	000008BC-R	BOOT58	
SYSSUNWIND	000008C0-R	BOOT58	SYSFAO
SYSL\$CLRSBIA	000008BB-R	BOOT58	XDELTA
USE_LAST_ADDR	00000513-R	BOOT58	
USE_LAST_VALUE	000005EB-R	BOOT58	
USE_NEXT_ADDR	0000052F-R	BOOT58	
USE_PREVIOUS	00000593-R	BOOT58	
XDELBPT	00002334-R	XDELTA	BOOT58
XDELIBRK	00001AAC-R	XDELTA	BOOT58
XDELTBIT	000023CC-R	XDELTA	BOOT58
XDEL_LOADBASE	00001B25-R	XDELTA	
XD\$GL_XESTRING	00001B51-R	XDELTA	
XD\$GL_XFSTRING	00001B55-R	XDELTA	
XD\$GT_WORD_PFN	000008BC-R	BOOT58	XDELTA
XD\$INIT	000008BC-R	BOOT58	

```

+-----+
! Symbols By Value !
+-----+

```

Value		Symbols...			
00000000	EXESV SIMULATOR				
00000050	R-INISBRK				
00000057	R-BOOT58				
00000253	R-BOOSFACMSG				
0000027B	R-EXECUTE COMMAND				
000002B1	R-SET_LOAD_FLAG				
000002BC	R-SET_START_FLAG				
000002C7	R-SET_EXAM_FLAG				
000002D2	R-SET_DEPOS_FLAG				
000002DD	R-SET_HELP_FLAG				
000002E8	R-SET_BOOT_FLAG				
000002F3	R-SET_CMDFIL_FLAG				
00000302	R-MOV_FILESPEC				
00000322	R-SAV_DEVSPEC				
00000416	R-SET_STARTADDR				
00000432	R-SET_BYTE				
0000044A	R-SET_WORD				
00000462	R-SET_LONG				
0000047A	R-SET_PHYSICAL				
00000492	R-SET_GENERAL				
000004AA	R-SET_INTERNAL				
000004C2	R-EXADEP_ADDR				
00000513	R-USE_LAST_ADDR				
0000052F	R-USE_NEXT_ADDR				
00000593	R-USE_PREVIOUS				
000005EB	R-USE_LAST_VALUE				
000006AC	R-DEPOSIT_VALUE				
0000087E	R-OPEN_FICE				
00000883	R-SYSSFAO				
00000888	R-EXESACVIOLAT	R-EXES\$BREAK		R-EXES\$GB_CPUTYPE	R-EXES\$ROPRAND
	R-EXESTBIT				
0000088C	R-MMG\$PAGEFAULT				
000008BB	R-INISRDONLY	R-INIS\$WRITABLE		R-SYSL\$CLRSBIA	
000008BC	R-EXESGL_FLAGS	R-EXESGL_SCB		R-PFN\$AB_STATE	R-PFN\$AB_TYPE
	R-PFN\$AL_BAK	R-PFN\$AL_PTE		R-PFN\$AW_BLINK	R-PFN\$AW_FLINK
	R-PFN\$AW_REFCNT	R-PFN\$AW_SWPBN		R-PFN\$AX_BLINK	R-PFN\$AX_FLINK
	R-SCH\$GL_CURPCB	R-SCH\$GL_PCVEC		R-SYSSIOBASE	R-XDSSGT_WORD_PFN
	R-XDSSINIT				
000008C0	R-SYSSASCTIM	R-SYSSASCTOID		R-SYSSFILESCAN	R-SYSSIDTOASC
	R-SYSSUNWIND				
000008C8	R-FIL\$READ_LBN				
000008DD	R-BOOSREADPROMPT				
00000962	R-CON\$PUTCHAR				
00000992	R-CON\$GETCHAR				
000009A0	R-CON\$OWNCTY	R-CON\$RELEASECTY			
000011B2	R-DRIVER SUBROUT				
000011B6	R-LIB\$CVT_OTB				
000011BB	R-LIB\$CVT_DTB				
000011C0	R-LIB\$CVT_HTB				

Value	Symbols...
000011CE	R-FIL\$CVT_DTB
000011D5	R-FIL\$CVT_OTB
000011DC	R-FIL\$CVT_HTB
0000127E	R-EXE\$FAO
0000128B	R-EXE\$FAOL
0000182C	R-RTF\$OPENFILE
000018EF	R-FIL\$CVT\$FILNAM
00001AAC	R-XDEL\$LIBRK
00001B25	R-XDEL_LOADBASE
00001B51	R-XD\$SGL_XESTRING
00001B55	R-XD\$SGL_XFSTRING
00002334	R-XDEL\$BPT
000023CC	R-XDEL\$TBIT
000024A4	R-LIB\$TPARSE
00002AA0	R-KEY_TABLE
00002AE0	R-LIB\$\$IDENT_KEY_TABLE
00002B20	R-LIB\$\$IDENT_STATE_TABLE
00002B8C	R-BOOT58_TABLE
00002E04	R-EXE\$MCHKVEC
00158284	LIB\$SYNTAXERR
0015828C	LIB\$INVTYP

Key for special characters above:

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

! Image Synopsis !

Virtual memory allocated: 00000000 00002DFF 00002E00 (11776. bytes, 23. pages)
Stack size: 0. pages
Image binary virtual block limits: 1. 23. (23. blocks)
Image name and identification: BOOT58 V04-000
Number of files: 7.
Number of modules: 11.
Number of program sections: 16.
Number of global symbols: 95.
Number of cross references: 148.
Number of image sections: 1.
Image type: SYSTEM.
Map format: FULL WITH CROSS REFERENCE in file _S255SDUA28:[BOOTS.LIS]BOOT58.MAP;1
Estimated map length: 58. blocks

! Link Run Statistics !

Performance Indicators	Page Faults	CPU Time	Elapsed Time
Command processing:	115	00:00:00.54	00:00:03.15
Pass 1:	156	00:00:00.99	00:00:06.24
Allocation/Relocation:	40	00:00:00.21	00:00:00.79
Pass 2:	59	00:00:01.09	00:00:03.93
Map data after object module synopsis:	25	00:00:00.68	00:00:01.45
Symbol table output:	1	00:00:00.03	00:00:00.36
Total run values:	396	00:00:03.54	00:00:15.92

Using a working set limited to 1200 pages and 40 pages of data storage (excluding image)

Total number object records read (both passes): 555
of which 279 were in libraries and 19 were DEBUG data records containing 1266 bytes

Number of modules extracted explicitly = 10
with 1 extracted to resolve undefined symbols

2 library searches were for symbols not in the library searched

A total of 0 global symbol table records was written

LINK/USERLIB=PROC/EXE=EXES:BOOT58/MAP=MAPS:BOOT58/FULL/CROSS/NOTRACE/SYSTEM=0/CONTIGUOUS LIBS:SYSBOOT.OLB/INCLUDE:(BOOSCVT_ATB,BOOT58,CONIO,RTFILREAD,T58BOOTIO),RESOBJ\$:SYS.OLB/INCLUDE:(CVTFILNAM,CVT_ATB,SYSFAO),RESOBJ\$:DELTA/INCLUDE=XDELTA,SYSS\$LIBRARY:STARLET.OLB/INCLUDE:(LIB\$TPARSE)

0035 AH-BT13A-SE
VAX/VMS V4.0

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BOOTBLOCK
MAP

STACONFIG
MAP

SYSBOOT
MAP

BPAMOVUC
LIS

BOOTS

BPASSDEAS
LIS

BOOT58
MAP

STANDCONF
MAP

CONFIGURE
MAP

BPAWAKEUP
LIS

STASYSGEN
MAP

BPAETPRI
LIS