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SSSSSSSSSSSS 00000000 RRRRRRRRRR TTTTTTTTTTTTTT 33333333 22222222
SSSSSSSSSSSS 00000000 RRRRRRRRRR TTTTTTTTTTTTTT 33333333 22222222
SSSSSSSSSSSS 00000000 RRRRRRRRRR TTTTTTTTTTTTTT 33333333 22222222
SSS          000      000 RRR          RRR TTT          333      222
SSS          000      000 RRR          RRR TTT          333      222
SSS          000      000 RRR          RRR TTT          333      222
SSS          000      000 RRR          RRR TTT          333      222
SSS          000      000 RRR          RRR TTT          333      222
SSS          000      000 RRR          RRR TTT          333      222
SSSSSSSSSS 000      000 RRRRRRRRRR TTT          333      222
SSSSSSSSSS 000      000 RRRRRRRRRR TTT          333      222
SSSSSSSSSS 000      000 RRRRRRRRRR TTT          333      222
SSS          000      000 RRR  RRR TTT          333      222
SSS          000      000 RRR  RRR TTT          333      222
SSS          000      000 RRR  RRR TTT          333      222
SSS          000      000 RRR  RRR TTT          333      222
SSS          000      000 RRR  RRR TTT          333      222
SSS          000      000 RRR  RRR TTT          333      222
SSS          000      000 RRR  RRR TTT          333      222
SSSSSSSSSS 00000000 RRR          RRR TTT          33333333 22222222
SSSSSSSSSS 00000000 RRR          RRR TTT          33333333 22222222
SSSSSSSSSS 00000000 RRR          RRR TTT          33333333 22222222

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SSSSSSSS RRRRRRRR TTTTTTTTTT TTTTTTTTTT RRRRRRRR NN NN
SSSSSSSS RRRRRRRR TTTTTTTTTT TTTTTTTTTT RRRRRRRR NN NN
SS RR RR TT TT RR RR NN NN
SS RR RR TT TT RR RR NNNN NN
SS RR RR TT TT RR RR NNNN NN
SSSSSS RRRRRRRR TT TT RRRRRRRR NN NN
SSSSSS RRRRRRRR TT TT RRRRRRRR NN NN
SS RR RR TT TT RR RR NN NN
SS RR RR TT TT RR RR NN NN
SS RR RR TT TT RR RR NN NN
SSSSSSSS RR RR TT TT RR RR NN NN
SSSSSSSS RR RR TT TT RR RR NN NN

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MM MM AAAAAA PPPPPPPP
MM MM AAAAAA PPPPPPPP
MMMM MMM AA AA PP PP
MMMM MMM AA AA PP PP
MM MM MM AA AA P P
MM MM MM AA AA P P
MM MM MM AA AA P P
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
-----	-----	-----	-----	-----	-----
SRTRN	V04-000	9369	[SORT32.OBJ]SORTMERGE.OLB;1	16-Sep-1984 01:11	VAX-11 Bliss-32 V4.0-742
SRTRNMSG	V04-000	1569	[SORT32.OBJ]SORTMERGE.OLB;1	16-SEP-1984 00:16	VAX-11 Message V04-00
SYSP1_VECTOR	V04-000	0	_\$255\$DUA28:[SYJIB]STARLET.OLB;2	16-SEP-1984 00:40	VAX/VMS Macro V04-00
LIBRTL	V04-000	0	_\$255\$DUA28:[SYSLIB]LIBRTL.EXE;1	16-SEP-1984 04:00	VAX-11 Linker V04-00

! 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>
\$CODES	SRTRN	0000200 0000200	0001B7F 0001B7F	00001980 (00001980 (	6528.) LONG 2 6528.) LONG 2	PIC,USR,CON,REL,GBL, SHR, EXE, RD,NOWRT,NOVEC
\$SPLITS	SRTRN	00001B80 00001B80	00001ED4 00001ED4	00000355 (00000355 (	853.) LONG 2 853.) LONG 2	PIC,USR,CON,REL,GBL, SHR, EXE, RD,NOWRT,NOVEC
\$GLOBALS	SRTRN	00002000 00002000	00002047 00002047	00000048 (00000048 (	72.) LONG 2 72.) LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
\$OWNS	SRTRN	00002048 00002048	000027C3 000027C3	0000077C (0000077C (	1916.) LONG 2 1916.) LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
MSG\$AAAAAAAAAAA	SRTRNMSG	00002800 00002800	0000280F 0000280F	00000010 (00000010 (	16.) LONG 2 16.) LONG 2	PIC,USR,OVR,REL,LCL,NOSHR,NOEXE, RD,NOWRT, VEC
MSG\$AAAAAAAAAAB	SRTRNMSG	00002810 00002810	00002813 00002813	00000004 (00000004 (	4.) LONG 2 4.) LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD,NOWRT, VEC
MSG\$AAAAAAAAAAC	SRTRNMSG	00002814 00002814	00002817 00002817	00000004 (00000004 (	4.) LONG 2 4.) LONG 2	PIC,USR,OVR,REL,LCL,NOSHR,NOEXE, RD,NOWRT, VEC
MSG\$SECTION	SRTRNMSG	00002818 00002818	00002E20 00002E20	00000609 (00000609 (	1545.) BYTE 0 1545.) BYTE 0	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD,NOWRT, VEC

XIF

XFI

PSE

XIF

! Symbol Cross Reference !

Symbol	Value	Defined By	Referenced By ...
ADDINKEY	00002020-R	SRTRN	
ALTSEQ	00002004-R	SRTRN	
ASCENDING	00002000-R	SRTRN	
CLR_0	00002000-R	SRTRN	
CLR_1	00002048-R	SRTRN	
COND_NUM	00002024-R	SRTRN	
EBCDIC	00002030-R	SRTRN	
FLD_ROOT	00002008-R	SRTRN	
FMT_CURR	00002010-R	SRTRN	
FMT_ROOT	0000200C-R	SRTRN	
LIB\$GET_FOREIGN	0000304C-RX	LIBRTL	SRTRN
LIB\$GET_VM	00003054-RX	LIBRTL	SRTRN
LIB\$SIGNAL	00003050-RX	LIBRTL	SRTRN
LINE_NUM	00002018-R	SRTRN	
LINE_SEQ	0000201C-R	SRTRN	
LINE_TYPE	00002014-R	SRTRN	
NOSTRIP	00002034-R	SRTRN	
OTSS\$CVT_T_D	00003048-RX	LIBRTL	SRTRN
OUTLRL	00002038-R	SRTRN	
PASS	00002028-R	SRTRN	
PROCESS	0000202C-R	SRTRN	
SOR_ERROR	00000200-R	SRTRN	
SOR_SEV	00002040-R	SRTRN	
SOR_STS	00002044-R	SRTRN	
SRTRNS_ADDINKEY	001C8088	SRTRNMSG	
SRTRNS_COMPLEX	001C8092	SRTRNMSG	
SRTRNS_DATAALONG	001C8098	SRTRNMSG	
SRTRNS_FACILITY	0000001C	SRTRNMSG	
SRTRNS_INV_ALT	001C8004	SRTRNMSG	
SRTRNS_INV_CONST	001C800C	SRTRNMSG	
SRTRNS_INV_CONT	001C8014	SRTRNMSG	
SRTRNS_INV_DATA	001C801C	SRTRNMSG	
SRTRNS_INV_FIELD	001C8024	SRTRNMSG	
SRTRNS_INV_LIMIT	001C802A	SRTRNMSG	
SRTRNS_INV_PROCESS	001C8032	SRTRNMSG	
SRTRNS_INV_QUAL	001C803C	SRTRNMSG	
SRTRNS_INV_SEQ	001C8044	SRTRNMSG	
SRTRNS_INV_STRIP	001C804C	SRTRNMSG	
SRTRNS_INV_TYPE	001C8054	SRTRNMSG	
SRTRNS_LINE_NUM	001C8058	SRTRNMSG	
SRTRNS_NOSTRIP_DATA	001C80A3	SRTRNMSG	
SRTRNS_NO_FORCE_TO	001C8064	SRTRNMSG	
SRTRNS_NO_HEADER	001C806A	SRTRNMSG	
SRTRNS_NO_PAIRS	001C8070	SRTRNMSG	
SRTRNS_UNX_ALTSEQ	001C8078	SRTRNMSG	
SRTRNS_UNX_FORCE	001C8084	SRTRNMSG	
SWITCH_532	0000203C-R	SRTRN	
SYS\$CLOSE	7FFEE1B8	SYS\$P1_VECTOR	SRTRN
SYS\$CONNECT	7FFEE1C0	SYS\$P1_VECTOR	SRTRN

<u>Symbol</u>	<u>Value</u>	<u>Defined By</u>	<u>Referenced By ...</u>
SYSS\$CREATE	7FFEE1C8	SYSS\$P1_VECTOR	SRTRN
SYSS\$GET	7FFEE180	SYSS\$P1_VECTOR	SRTRN
SYSS\$OPEN	7FFEE208	SYSS\$P1_VECTOR	SRTRN
SYSS\$PUT	7FFEE188	SYSS\$P1_VECTOR	SRTRN
SYSS\$REWIND	7FFEE210	SYSS\$P1_VECTOR	SRTRN

! Symbols By Value .

Value	Symbols...
-----	-----
0000001C	SRTRNS FACILITY
00000200	R-SOR_ERROR
00002000	R-ASCENDING
00002004	R-ALTSEQ
00002008	R-FLD_ROOT
0000200C	R-FMT_ROOT
00002010	R-FMT_CURR
00002014	R-LINE_TYPE
00002018	R-LINE_NUM
0000201C	R-LINE_SEQ
00002020	R-ADDINCKEY
00002024	R-COND_NUM
00002028	R-PASS
0000202C	R-PROCESS
00002030	R-EBCDIC
00002034	R-NOSTRIP
00002038	R-OUTLRL
0000203C	R-SWITCH_S32
00002040	R-SOR_SEV
00002044	R-SOR_STS
00002048	R-CLR_1
00003048	RX-OTS\$CVT_T_D
0000304C	RX-LIB\$GET_FOREIGN
00003050	RX-LIB\$SIGNAL
00003054	RX-LIB\$GET_VM
001C8004	SRTRNS_INV_ALT
001C800C	SRTRNS_INV_CONST
001C8014	SRTRNS_INV_CONT
001C801C	SRTRNS_INV_DATA
001C8024	SRTRNS_INV_FIELD
001C802A	SRTRNS_INV_LIMIT
001C8032	SRTRNS_INV_PROCESS
001C803C	SRTRNS_INV_QUAL
001C8044	SRTRNS_INV_SEQ
001C804C	SRTRNS_INV_STRIP
001C8054	SRTRNS_INV_TYPE
001C8058	SRTRNS_LINE_NUM
001C8064	SRTRNS_NO_FORCE_TO
001C806A	SRTRNS_NO_HEADER
001C8070	SRTRNS_NO_PAIRS
001C8078	SRTRNS_UNX_ALTSEQ
001C8084	SRTRNS_UNX_FORCE
001C8088	SRTRNS_ADDINCKEY
001C8092	SRTRNS_COMPLEX
001C8098	SRTRNS_DATA_LONG
001C80A3	SRTRNS_NOSTRIP_DATA
7FFEE180	SYSS\$GET
7FFEE188	SYSS\$PUT
7FFEE1B8	SYSS\$CLOSE

R-CLR_0

! Image Synopsis !

Virtual memory allocated: 00000200 000031FF 00003000 (12288. bytes, 24. pages)
 Stack size: 20. pages
 Image header virtual block limits: 1. (1. block)
 Image binary virtual block limits: 2. (24. blocks)
 Image name and identification: SRTRN V04-000
 Number of files: 5.
 Number of modules: 4.
 Number of program sections: 12.
 Number of global symbols: 295.
 Number of cross references: 71.
 Number of image sections: 7.
 User transfer address: 0000025F
 Number of code references to shareable images: 4.
 Image type: EXECUTABLE.
 Map format: FULL WITH CROSS REFERENCE in file _\$255\$DUA28:[SORT32.LIS]SRTRN.MAP;1
 Estimated map length: 71. blocks

! Link Run Statistics !

Performance Indicators	Page Faults	CPU Time	Elapsed Time
Command processing:	134	00:00:00.31	00:00:00.55
Pass 1:	128	00:00:00.86	00:00:07.52
Allocation/Relocation:	29	00:00:00.15	00:00:01.49
Pass 2:	51	00:00:00.44	00:00:04.11
Map data after object module synopsis:	21	00:00:00.44	00:00:00.72
Symbol table output:	1	00:00:00.04	00:00:00.65
Total run values:	36~	00:00:02.24	00:00:15.04

Using a working set limited to 900 pages and 77 pages of data storage (excluding image)

Total number object records read (both passes): 184
of which 83 were in libraries and 0 were DEBUG data records containing 0 bytes

Number of modules extracted explicitly = 2
with 1 extracted to resolve undefined symbols

11 library searches were for symbols not in the library searched

A total of 0 global symbol table records was written

LINK/USERLIB=PROC/NOTRACE/EXE=EXES:SRTRN/MAP=MAPS:SRTRN/FULL/CROSS LIBS: SORTMERGE/INCL=(SRTRN,SRTRNMSG),SYSS\$INPUT/OPTIONS
 PSECT=\$PLITS,PIC,SHR,EXE
 PSECT=\$CODES,PIC,SHR
 COLLECT=CODE,\$CODES,\$PLITS,SORSRO_CODE,_LIB\$CODE

DKS
MA
MA
XII
MA
XF
!E!
!
XII
LI
XF

