

A large, stylized letter 'A' is formed using the characters 'S' and 'Y'. The left and right vertical strokes are composed of 'S' characters, while the central vertical stroke and the two diagonal strokes are composed of 'Y' characters. The 'A' is symmetrical and has a bold, blocky appearance.

```
IIIIII 000000 DDDDDDDD EEEEEEEEE FFFFFFFF
IIIIII 000000 DDDDDDDD EEEEEEEEE FFFFFFFF
II      00      00 DD      DD EE      FF
II      00      00 DD      DD EE      FF
II      00      00 DD      DD EE      FF
II      00      00 DD      DD EE      FF
II      00      00 DD      DD EEEEEEEE FFFFFFFF
II      00      00 DD      DD EEEEEEEE FFFFFFFF
II      00      00 DD      DD EE      FF
II      00      00 DD      DD EE      FF
II      00      00 DD      DD EE      FF
II      00      00 DD      DD EE      FF
IIIIII 000000 DDDDDDDD EEEEEEEEE FFFFFFFF
IIIIII 000000 DDDDDDDD EEEEEEEEE FF
```

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....
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```
LL      IIIIII SSSSSSSS
LL      IIIIII SSSSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SSSSSS
LL      II      SSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LLLLLLLLL IIIIII SSSSSSSS
LLLLLLLLL IIIIII SSSSSSSS
```



```
0000 1      .TITLE SYSSIODEF
0000 2      .IDENT 'V04-000'
0000 3
0000 4
0000 5 *****
0000 6 *
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0000 24 *
0000 25 *
0000 26 *****
0000 27
0000 28 FACILITY: SYS
0000 29
0000 30 ABSTRACT:
0000 31
0000 32 This module defines global symbols dealing with the I/O subsystem
0000 33 for inclusion in STARLET.OLB
0000 34
0000 35 ENVIRONMENT: No executable code
0000 36
0000 37 AUTHOR: Benn Schreiber, CREATION DATE: 9-Aug-1981
0000 38
0000 39 MODIFIED BY:
0000 40
0000 41 V03-001 JLV0213 Jake VanNoy 22-SEP-1982
0000 42 Add $TT2DEF, DEVDEPEND 2 symbols.
0000 43
```



```
0000 45      .DISABLE TRACEBACK
0000 46
0000 47      $DCDEF  GLOBAL      ;Define device type codes
0000 48      $DEVDEF GLOBAL      ;Define device characteristics bits
0000 49      $IODEF  GLOBAL      ;Define I/O function codes
0000 50      $TTDEF  GLOBAL      ;Define TT termination specifiers
0000 51      $TT2DEF GLOBAL      ;Define TT DEVDEPND2
0000 52
0000 53      .END
```


SYSSIODEF
Symbol table

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ATS_CI	= 00000004	G
ATS_DR	= 00000002	G
ATS_MBA	= 00000000	G
ATS_MPM	= 00000003	G
ATS_NULL	= 00000005	G
ATS_UBA	= 00000001	G
DCS_BUS	= 00000080	G
DCS_CARD	= 00000041	G
DCS_DISK	= 00000001	G
DCS_JOURNAL	= 000000A1	G
DCS_LP	= 00000043	G
DCS_MAILBOX	= 000000A0	G
DCS_MISC	= 000000C8	G
DCS_REALTIME	= 00000060	G
DCS_SCOM	= 00000020	G
DCS_TAPE	= 00000002	G
DCS_TERM	= 00000042	G
DCS_WORKSTATION	= 00000046	G
DEVSM_2P	= 00000010	G
DEVSM_ALL	= 00800000	G
DEVSM_AVL	= 00040000	G
DEVSM_CCL	= 00000002	G
DEVSM_CDP	= 00000008	G
DEVSM_CLU	= 00000001	G
DEVSM_DET	= 00000002	G
DEVSM_DIR	= 00000008	G
DEVSM_DMT	= 00200000	G
DEVSM_DUA	= 00008000	G
DEVSM_ELG	= 00400000	G
DEVSM_FOD	= 00004000	G
DEVSM_FOR	= 01000000	G
DEVSM_GEN	= 00020000	G
DEVSM_IDV	= 04000000	G
DEVSM_MBX	= 00100000	G
DEVSM_MNT	= 00080000	G
DEVSM_MSCP	= 00000020	G
DEVSM_NET	= 00002000	G
DEVSM_NNM	= 00000200	G
DEVSM_ODV	= 08000000	G
DEVSM_OPR	= 00000080	G
DEVSM_RCK	= 40000000	G
DEVSM_RCT	= 00000100	G
DEVSM_REC	= 00000001	G
DEVSM_RED	= 00000100	G
DEVSM_RND	= 10000000	G
DEVSM_RTM	= 20000000	G
DEVSM_RTT	= 00000004	G
DEVSM_SDI	= 00000010	G
DEVSM_SHR	= 00010000	G
DEVSM_SPL	= 00000040	G
DEVSM_SQD	= 00000020	G
DEVSM_SRV	= 00000080	G
DEVSM_SSM	= 00000040	G
DEVSM_SWL	= 02000000	G
DEVSM_TRM	= 00000004	G
DEVSM_WCK	= 80000000	G
DEVSS_DEVDEF	= 00000004	G

DEVSV_2P	= 00000004	G
DEVSV_ALL	= 00000017	G
DEVSV_AVL	= 00000012	G
DEVSV_CCL	= 00000001	G
DEVSV_CDP	= 00000003	G
DEVSV_CLU	= 00000000	G
DEVSV_DET	= 00000001	G
DEVSV_DIR	= 00000003	G
DEVSV_DMT	= 00000015	G
DEVSV_DUA	= 0000000F	G
DEVSV_ELG	= 00000016	G
DEVSV_FOD	= 0000000E	G
DEVSV_FOR	= 00000018	G
DEVSV_GEN	= 00000011	G
DEVSV_IDV	= 0000001A	G
DEVSV_MBX	= 00000014	G
DEVSV_MNT	= 00000013	G
DEVSV_MSCP	= 00000005	G
DEVSV_NET	= 0000000D	G
DEVSV_NNM	= 00000009	G
DEVSV_ODV	= 0000001B	G
DEVSV_OPR	= 00000007	G
DEVSV_RCK	= 0000001E	G
DEVSV_RCT	= 00000008	G
DEVSV_REC	= 00000000	G
DEVSV_RED	= 00000008	G
DEVSV_RND	= 0000001C	G
DEVSV_RTM	= 0000001D	G
DEVSV_RTT	= 00000002	G
DEVSV_SDI	= 00000004	G
DEVSV_SHR	= 00000010	G
DEVSV_SPL	= 00000006	G
DEVSV_SQD	= 00000005	G
DEVSV_SRV	= 00000007	G
DEVSV_SSM	= 00000006	G
DEVSV_SWL	= 00000019	G
DEVSV_TRM	= 00000002	G
DEVSV_WCK	= 0000001F	G
DTS_AIJNL	= 00000003	G
DTS_ATJNL	= 00000004	G
DTS_BDA50	= 0000000C	G
DTS_BIJNL	= 00000002	G
DTS_BS DT07	= 00000008	G
DTS_CDR50	= 00000022	G
DTS_CDR50P	= 0000000D	G
DTS_CI	= 0000000C	G
DTS_CI750	= 00000002	G
DTS_CI780	= 00000001	G
DTS_CLJNL	= 00000005	G
DTS_CR11	= 00000001	G
DTS_CRX50	= 00000021	G
DTS_DELUA	= 00000019	G
DTS_DEQNA	= 00000016	G
DTS_DEUNA	= 0000000E	G
DTS_DHU	= 00000047	G
DTS_DHV	= 00000046	G
DTS_DMC11	= 00000001	G

SYSSIODEF
Symbol table

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DTS_DMF32	= 0000000A	G
DTS_DMP11	= 00000009	G
DTS_DMR11	= 00000002	G
DTS_DMV11	= 00000017	G
DTS_DMZ32	= 00000045	G
DTS_DN11	= 00000001	G
DTS_DR11C	= 00000007	G
DTS_DR11W	= 00000004	G
DTS_DR750	= 00000003	G
DTS_DR780	= 00000002	G
DTS_DZ11	= 00000042	G
DTS_DZ32	= 00000043	G
DTS_DZ730	= 00000044	G
DTS_FD1	= 00000081	G
DTS_FD2	= 00000082	G
DTS_FD3	= 00000083	G
DTS_FD4	= 00000084	G
DTS_FD5	= 00000085	G
DTS_FD6	= 00000086	G
DTS_FD7	= 00000087	G
DTS_FD8	= 00000088	G
DTS_FP FEPCM	= 00000008	G
DTS_FTT	= 00000010	G
DTS_FT2	= 00000011	G
DTS_FT3	= 00000012	G
DTS_FT4	= 00000013	G
DTS_FT5	= 00000014	G
DTS_FT6	= 00000015	G
DTS_FT7	= 00000016	G
DTS_FT8	= 00000017	G
DTS_IX IEX11	= 0000000A	G
DTS_LAT00	= 00000025	G
DTS_LA11	= 00000002	G
DTS_LA12	= 00000024	G
DTS_LA120	= 00000021	G
DTS_LA180	= 00000003	G
DTS_LA24	= 00000025	G
DTS_LA34	= 00000022	G
DTS_LA36	= 00000020	G
DTS_LA38	= 00000023	G
DTS_LANCE	= 00000018	G
DTS_LAX	= 00000020	G
DTS_LESI	= 00000005	G
DTS_LP11	= 00000001	G
DTS_LPA11	= 00000001	G
DTS_LQP02	= 00000026	G
DTS_MBX	= 00000001	G
DTS_ML11	= 00000011	G
DTS_MX_MUX200	= 00000008	G
DTS_NI	= 0000000D	G
DTS_NQ_3271	= 0000001A	G
DTS_NUCL	= 00000003	G
DTS_NV_X29	= 00000006	G
DTS_NW_X25	= 00000005	G
DTS_PCL11R	= 00000005	G
DTS_PCL11T	= 00000006	G
DTS_QDA25	= 0000000E	G

DTS_QDA50	= 0000000B	G
DTS-RA60	= 00000016	G
DTS-RA80	= 00000014	G
DTS-RA81	= 00000015	G
DTS-RA82	= 0000001E	G
DTS-RB02	= 00000012	G
DTS-RB80	= 00000013	G
DTS-RC25	= 00000017	G
DTS-RC26	= 0000001F	G
DTS-RC26P	= 0000000A	G
DTS-RCF25	= 00000018	G
DTS-RCF26	= 00000020	G
DTS-RD26	= 0000001D	G
DTS-RD51	= 00000019	G
DTS-RD52	= 0000001B	G
DTS-RD53	= 0000001C	G
DTS-RDRX	= 00000007	G
DTS-RK06	= 00000001	G
DTS-RK07	= 00000002	G
DTS-RL01	= 00000009	G
DTS-RL02	= 0000000A	G
DTS-RM03	= 00000006	G
DTS-RM05	= 0000000F	G
DTS-RM80	= 0000000D	G
DTS-RP04	= 00000003	G
DTS-RP05	= 00000004	G
DTS-RP06	= 00000005	G
DTS-RP07	= 00000007	G
DTS-RP07HT	= 00000008	G
DTS-RUJNL	= 00000001	G
DTS-RUX50P	= 00000009	G
DTS-RX01	= 00000010	G
DTS-RX02	= 0000000B	G
DTS-RX04	= 0000000C	G
DTS-RX18	= 00000025	G
DTS-RX31	= 00000023	G
DTS-RX32	= 00000024	G
DTS-RX50	= 0000001A	G
DTS-RZ01	= 00000017	G
DTS-RZF01	= 00000018	G
DTS-SB_ISB11	= 00000007	G
DTS-SHRMBX	= 00000002	G
DTS-TA78	= 00000006	G
DTS-TA81	= 00000009	G
DTS-TE16	= 00000001	G
DTS-TEK401X	= 0000000A	G
DTS-TK50	= 0000000A	G
DTS-TK50P	= 00000008	G
DTS-TK_FCM	= 0000000C	G
DTS-TQ_BTS	= 00000004	G
DTS-TST1	= 00000004	G
DTS-TTYUNKN	= 00000000	G
DTS-TU45	= 00000002	G
DTS-TU58	= 0000000E	G
DTS-TU77	= 00000003	G
DTS-TU78	= 00000005	G
DTS-TU80	= 00000007	G

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DTS_TU81	= 00000008	G
DTS_TU81P	= 00000006	G
DTS_UDA50	= 00000003	G
DTS_UDA50A	= 00000004	G
DTS_UK_KTC32	= 00000015	G
DTS_UNA11	= 0000000E	G
DTS_UNKNJNL	= 00000000	G
DTS_UQPORT	= 00000003	G
DTS_VD	= 00000004	G
DTS_VK100	= 00000002	G
DTS_VS100	= 00000001	G
DTS_VS125	= 00000002	G
DTS_VS300	= 00000003	G
DTS_VT05	= 00000001	G
DTS_VT100	= 00000060	G
DTS_VT101	= 00000061	G
DTS_VT102	= 00000062	G
DTS_VT105	= 00000063	G
DTS_VT125	= 00000064	G
DTS_VT131	= 00000065	G
DTS_VT132	= 00000066	G
DTS_VT173	= 00000003	G
DTS_VT52	= 00000040	G
DTS_VT55	= 00000041	G
DTS_VT5X	= 00000040	G
DTS_XI_DR11C	= 0000000D	G
DTS_XJ_2780	= 00000004	G
DTS_XK_3271	= 00000003	G
DTS_XP_PCL11B	= 00000009	G
DTS_XV_3271	= 0000000B	G
DTS_YN_X25	= 0000000F	G
DTS_YO_X25	= 00000010	G
DTS_YP_ADCCP	= 00000011	G
DTS_YQ_3271	= 00000012	G
DTS_YR_DDCMP	= 00000013	G
DTS_YS_SDL	= 00000014	G
IOSR_LOOPTEST	= 0000E000	G
IOSK_PTPBSC	= 00002000	G
IOSK_SRRUNOUT	= 00000000	G
IOSM_ABORT	= 00000100	G
IOSM_ACCEPT	= 00000080	G
IOSM_ACCESS	= 00000040	G
IOSM_ACKWRITE	= 00000400	G
IOSM_ADDFLTR	= 00001000	G
IOSM_ALLJNLDEV	= 00000040	G
IOSM_ATTNAST	= 00000100	G
IOSM_AUTXOF_DIS	= 00004000	G
IOSM_AUTXOF_ENA	= 00002000	G
IOSM_BINARY	= 00000040	G
IOSM_BRDCST	= 00004000	G
IOSM_BREAKTHRU	= 00000200	G
IOSM_CANCELIO	= 00000040	G
IOSM_CANCTRLO	= 00000040	G
IOSM_CLEAR	= 00001000	G
IOSM_CLR_COUNT	= 00000400	G
IOSM_CLSEREXCP	= 00000200	G
IOSM_CNTRLENTY	= 00000080	G

IOSM_COMMOD	= 00000040	G
IOSM_CONNECT	= 00000040	G
IOSM_CREAJNLDIR	= 00000400	G
IOSM_CREATE	= 00000080	G
IOSM_CREMASTER	= 00000040	G
IOSM_CTRL	= 00000200	G
IOSM_CTRLCAST	= 00000100	G
IOSM_CTRLYAST	= 00000080	G
IOSM_CVTLOW	= 00000100	G
IOSM_CYCLE	= 00001000	G
IOSM_DALLJNLDEV	= 00000100	G
IOSM_DATACHECK	= 00004000	G
IOSM_DATAPATH	= 00000400	G
IOSM_DELDATA	= 00000040	G
IOSM_DELETE	= 00000100	G
IOSM_DEFLTR	= 00002000	G
IOSM_DIAGNOSTIC	= 00000100	G
IOSM_DIO	= 00000800	G
IOSM_DISCONNECT	= 00000080	G
IOSM_DMNTJNLDEV	= 00000200	G
IOSM_DMOUNT	= 00000400	G
IOSM_DSABLMBX	= 00000400	G
IOSM_ENABLMBX	= 00000080	G
IOSM_ENCRYPT	= 00002000	G
IOSM_ENDRU1	= 00000200	G
IOSM_ENDRU2	= 00000400	G
IOSM_ERASE	= 00000400	G
IOSM_ESCAPE	= 00004000	G
IOSM_EXPRESS	= 00000080	G
IOSM_EXTEND	= 00008000	G
IOSM_FCODE	= 0000003F	G
IOSM_FMODIFIERS	= 0000FFC0	G
IOSM_FORCE	= 00000040	G
IOSM_FORCERR	= 00000100	G
IOSM_GETMINFO	= 00001000	G
IOSM_GETPART	= 00000200	G
IOSM_HANGUP	= 00000200	G
IOSM_INCLUDE	= 00000800	G
IOSM_INHERLOG	= 00000800	G
IOSM_INHEXTGAP	= 00001000	G
IOSM_INHRETRY	= 00008000	G
IOSM_INHSEEK	= 00001000	G
IOSM_INQWRTBUF	= 00000040	G
IOSM_INTCLOCK	= 00001000	G
IOSM_INTERRUPT	= 00000040	G
IOSM_JNL_INIT	= 00000800	G
IOSM_LASTBLOCK	= 00000400	G
IOSM_LINE_OFF	= 00000200	G
IOSM_LINE_ON	= 00000800	G
IOSM_LOOP	= 00000080	G
IOSM_LOOP_EXT	= 00001000	G
IOSM_LPBEXT	= 00002000	G
IOSM_LPBINT	= 00004000	G
IOSM_MAINT	= 00000040	G
IOSM_MAINTLOOP	= 00000200	G
IOSM_MNTJNLDEV	= 00000080	G
IOSM_MORE	= 00000040	G

SYSSIODEF
Symbol table

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16-SEP-1984 00:18:49 VAX/VMS Macro V04-00
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(2)

IOSM_MOUNT	= 00000200	G
IOSM_MOVETRACKD	= 00000080	G
IOSM_MULTIPLE	= 00000100	G
IOSM_NEWLINE	= 00000400	G
IOSM_NEWVERSION	= 00004000	G
IOSM_NOCTSWAIT	= 00000040	G
IOSM_NODSRWAIT	= 00000100	G
IOSM_NOECHO	= 00000040	G
IOSM_NOFILTR	= 00000200	G
IOSM_NOFORMAT	= 00000100	G
IOSM_NOMRSP	= 00000040	G
IOSM_NORSWAIT	= 00000400	G
IOSM_NOW	= 00000040	G
IOSM_NOWAIT	= 00000080	G
IOSM_OPPOSITE	= 00000200	G
IOSM_OUTBAND	= 00000400	G
IOSM_PACKED	= 00000080	G
IOSM_PURGE	= 00000800	G
IOSM_QUALIFIED	= 00000080	G
IOSM_RD_COUNT	= 00000100	G
IOSM_RD_MEM	= 00000040	G
IOSM_RD_MODEM	= 00000080	G
IOSM_READATTN	= 00000080	G
IOSM_READCSR	= 00008000	G
IOSM_REDIRECT	= 00000040	G
IOSM_REFRESH	= 00002000	G
IOSM_REMASTER	= 00000800	G
IOSM_REMOUNT	= 00000800	G
IOSM_REPOSITION	= 00001000	G
IOSM_RESET	= 00000800	G
IOSM_RESUBWRT	= 00000080	G
IOSM_REVERSE	= 00000040	G
IOSM_RUEBIT	= 00000100	G
IOSM_RUIDLIST	= 00000040	G
IOSM_RUJLIST	= 00000080	G
IOSM_SETBSIZE	= 00000200	G
IOSM_SETCUADR	= 00000100	G
IOSM_SETENQCNT	= 00000800	G
IOSM_SETEVF	= 00000040	G
IOSM_SETFNCT	= 00000200	G
IOSM_SETPOOLSZ	= 00000400	G
IOSM_SETPROT	= 00000200	G
IOSM_SET MODEM	= 00000400	G
IOSM_SHADOW	= 00000040	G
IOSM_SHUTDOWN	= 00000080	G
IOSM_SKPSECINH	= 00000200	G
IOSM_SLAVLOOP	= 00000080	G
IOSM_SLVCRUCB	= 00000400	G
IOSM_SLVDELUCB	= 00000800	G
IOSM_STARTSP	= 00000100	G
IOSM_STARTUP	= 00000040	G
IOSM_STOPSP	= 00000080	G
IOSM_SWAP	= 00000100	G
IOSM_SYNCH	= 00000200	G
IOSM_SYNCHCAN	= 00000200	G
IOSM_TIMED	= 00000080	G
IOSM_TRMNOECHO	= 00001000	G

IOSM_TT_ABORT	= 00001000	G
IOSM_TT_CONNECT	= 00000800	G
IOSM_TT_DISCON	= 00001000	G
IOSM_TT_PROCESS	= 00002000	G
IOSM_TYPEAHD CNT	= 00000040	G
IOSM_UNLOOP	= 00000100	G
IOSM_WORD	= 00000040	G
IOSM_WRTATTN	= 00000100	G
IOSM_WRTFOVRCPL	= 00000100	G
IOSS_FCODE	= 00000006	G
IOSS_FMODIFIERS	= 0000000A	G
IOSS_IODEF	= 00000002	G
IOSV_ABORT	= 00000008	G
IOSV_ACCEPT	= 00000007	G
IOSV_ACCESS	= 00000006	G
IOSV_ACKWRITE	= 0000000A	G
IOSV_ADDFLTR	= 0000000C	G
IOSV_ALLJNLDEV	= 00000006	G
IOSV_ATTNAST	= 00000008	G
IOSV_AUTXOF_DIS	= 0000000E	G
IOSV_AUTXOF_ENA	= 0000000D	G
IOSV_BINARY	= 00000006	G
IOSV_BRDCST	= 0000000E	G
IOSV_BREAKTHRU	= 00000009	G
IOSV_CANCELIO	= 00000006	G
IOSV_CANCTRLO	= 00000006	G
IOSV_CLEAR	= 0000000C	G
IOSV_CLR_COUNT	= 0000000A	G
IOSV_CLSEREXCP	= 00000009	G
IOSV_CNTRLENTY	= 00000007	G
IOSV_COMMOD	= 00000006	G
IOSV_CONNECT	= 00000006	G
IOSV_CREAJNLDIR	= 0000000A	G
IOSV_CREATE	= 00000007	G
IOSV_CREMASTER	= 00000006	G
IOSV_CTRL	= 00000009	G
IOSV_CTRLCAST	= 00000008	G
IOSV_CTRLYAST	= 00000007	G
IOSV_CVTLOW	= 00000008	G
IOSV_CYCLE	= 0000000C	G
IOSV_DALLJNLDEV	= 00000008	G
IOSV_DATACHECK	= 0000000E	G
IOSV_DATAPATH	= 0000000A	G
IOSV_DELDATA	= 00000006	G
IOSV_DELETE	= 00000008	G
IOSV_DEFLTR	= 0000000D	G
IOSV_DIAGNOSTIC	= 00000008	G
IOSV_DIO	= 0000000B	G
IOSV_DISCONNECT	= 00000007	G
IOSV_DMNTJNLDEV	= 00000009	G
IOSV_DMOUNT	= 0000000A	G
IOSV_DSABLMBX	= 0000000A	G
IOSV_ENABLMBX	= 00000007	G
IOSV_ENCRYPT	= 0000000D	G
IOSV_ENDRU1	= 00000009	G
IOSV_ENDRU2	= 0000000A	G
IOSV_ERASE	= 0000000A	G

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SYSSIODEF
Symbol table

B 16

16-SEP-1984 00:18:49 VAX/VMS Macro V04-00
5-SEP-1984 03:43:14 [SYS.SRC]IODEF.MAR;1

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IOSV_ESCAPE	= 0000000E	G
IOSV_EXPRESS	= 00000007	G
IOSV_EXTEND	= 0000000F	G
IOSV_FCODE	= 00000000	G
IOSV_FMODIFIERS	= 00000006	G
IOSV_FORCE	= 00000006	G
IOSV_FORCERR	= 00000008	G
IOSV_GETMINFO	= 0000000C	G
IOSV_GETPART	= 00000009	G
IOSV_HANGUP	= 00000009	G
IOSV_INCLUDE	= 0000000B	G
IOSV_INHERLOG	= 0000000B	G
IOSV_INHEXTGAP	= 0000000C	G
IOSV_INHRETRY	= 0000000F	G
IOSV_INHSEEK	= 0000000C	G
IOSV_INQWRTBUF	= 00000006	G
IOSV_INTCLOCK	= 0000000C	G
IOSV_INTERRUPT	= 00000006	G
IOSV_JNL_INIT	= 0000000B	G
IOSV_LASTBLOCK	= 0000000A	G
IOSV_LINE_OFF	= 00000009	G
IOSV_LINE_ON	= 0000000B	G
IOSV_LOOP	= 00000007	G
IOSV_LOOP_EXT	= 0000000C	G
IOSV_LPBEXT	= 0000000D	G
IOSV_LPBINT	= 0000000E	G
IOSV_MAINT	= 00000006	G
IOSV_MAINTLOOP	= 00000009	G
IOSV_MNTJNLDEV	= 00000007	G
IOSV_MORE	= 00000006	G
IOSV_MOUNT	= 00000009	G
IOSV_MOVETRACKD	= 00000007	G
IOSV_MULTIPLE	= 00000008	G
IOSV_NEWLINE	= 0000000A	G
IOSV_NEWVERSION	= 0000000E	G
IOSV_NOCTSWAIT	= 00000006	G
IOSV_NODSRWAIT	= 00000008	G
IOSV_NOECHO	= 00000006	G
IOSV_NOFILTR	= 00000009	G
IOSV_NOFORMAT	= 00000008	G
IOSV_NOMRSP	= 00000006	G
IOSV_NORSWAIT	= 0000000A	G
IOSV_NOW	= 00000006	G
IOSV_NOWAIT	= 00000007	G
IOSV_OPPPOSITE	= 00000009	G
IOSV_OUTBAND	= 0000000A	G
IOSV_PACKED	= 00000007	G
IOSV_PURGE	= 0000000B	G
IOSV_QUALIFIED	= 00000007	G
IOSV_RD_COUNT	= 00000008	G
IOSV_RD_MEM	= 00000006	G
IOSV_RD_MODEM	= 00000007	G
IOSV_READATTN	= 00000007	G
IOSV_READCSR	= 0000000F	G
IOSV_REDIRECT	= 00000006	G
IOSV_REFRESH	= 0000000D	G
IOSV_REMASTER	= 0000000B	G

IOSV_REMOUNT	= 0000000B	G
IOSV_REPOSITION	= 0000000C	G
IOSV_RESET	= 0000000B	G
IOSV_RESUBWRT	= 00000007	G
IOSV_REVERSE	= 00000006	G
IOSV_RUEBIT	= 00000008	G
IOSV_RUIDLIST	= 00000006	G
IOSV_RUJLIST	= 00000007	G
IOSV_SETBSIZE	= 00000009	G
IOSV_SETCUADR	= 00000008	G
IOSV_SETENQCNT	= 0000000B	G
IOSV_SETEVF	= 00000006	G
IOSV_SETFNCT	= 00000009	G
IOSV_SETPOOLSZ	= 0000000A	G
IOSV_SETPROT	= 00000009	G
IOSV_SET MODEM	= 0000000A	G
IOSV_SHADOW	= 00000006	G
IOSV_SHUTDOWN	= 00000007	G
IOSV_SKPSECINH	= 00000009	G
IOSV_SLAVLOOP	= 00000007	G
IOSV_SLVCRUCB	= 0000000A	G
IOSV_SLVDELUCB	= 0000000B	G
IOSV_STARTSP	= 00000008	G
IOSV_STARTUP	= 00000006	G
IOSV_STOPSP	= 00000007	G
IOSV_SWAP	= 00000008	G
IOSV_SYNCH	= 00000009	G
IOSV_SYNCHCAN	= 00000009	G
IOSV_TIMED	= 00000007	G
IOSV_TRMNOECHO	= 0000000C	G
IOSV TT_ABORT	= 0000000C	G
IOSV TT_CONNECT	= 0000000B	G
IOSV TT_DISCON	= 0000000C	G
IOSV TT_PROCESS	= 0000000D	G
IOSV_TYPEAHCNT	= 00000006	G
IOSV_UNLOOP	= 00000008	G
IOSV_WORD	= 00000006	G
IOSV_WRTATTN	= 00000008	G
IOSV_WRTFOVRCP	= 00000008	G
IOS_ACCESS	= 00000032	G
IOS_ACPCONTROL	= 00000038	G
IOS_AVAILABLE	= 00000011	G
IOS_CLEAN	= 0000001E	G
IOS_CONINTREAD	= 0000003C	G
IOS_CONINTWRITE	= 0000003D	G
IOS_CREATE	= 00000033	G
IOS_DEACCESS	= 00000034	G
IOS_DELETE	= 00000035	G
IOS_DIAGNOSE	= 0000001D	G
IOS_DRVCLR	= 00000004	G
IOS_DSE	= 00000015	G
IOS_ERASETAPE	= 00000006	G
IOS_FLUSH	= 0000001D	G
IOS_FORCE	= 00000037	G
IOS_FORMAT	= 0000001E	G
IOS_INITIALIZE	= 00000004	G
IOS_JNLDRVREQ	= 0000000D	G

SYSSIODEF
Symbol table

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IOS_LOADMCODE	= 00000001	G
IOS_LOGICAL	= 0000002F	G
IOS_MODIFY	= 00000036	G
IOS_MOUNT	= 00000039	G
IOS_NETCONTROL	= 00000036	G
IOS_NEWVERSION	= 0000003D	G
IOS_NOP	= 00000000	G
IOS_OFFSET	= 00000006	G
IOS_PACKACK	= 00000008	G
IOS_PHYSICAL	= 0000001F	G
IOS_QSTOP	= 00000007	G
IOS_RDSTATS	= 0000000D	G
IOS_READHEAD	= 0000000E	G
IOS_READINIT	= 0000003C	G
IOS_READLBLK	= 00000021	G
IOS_READPBLK	= 0000000C	G
IOS_READPRESET	= 00000019	G
IOS_READPROMPT	= 00000037	G
IOS_READTRACKD	= 00000010	G
IOS_READVBLK	= 00000031	G
IOS_RECAL	= 00000003	G
IOS_RELEASE	= 00000005	G
IOS_REREADN	= 00000016	G
IOS_REREADP	= 00000017	G
IOS_RETCENTER	= 00000007	G
IOS_REWIND	= 00000024	G
IOS_REWINDOFF	= 00000022	G
IOS_RUCONTROL	= 0000003A	G
IOS_SEARCH	= 00000009	G
IOS_SEEK	= 00000002	G
IOS_SENSECHAR	= 0000001B	G
IOS_SENSEMODE	= 00000027	G
IOS_SETCHAR	= 0000001A	G
IOS_SETCLOCK	= 00000037	G
IOS_SETCLOCKP	= 00000005	G
IOS_SETMODE	= 00000023	G
IOS_SKIPFILE	= 00000025	G
IOS_SKIPRECORD	= 00000026	G
IOS_SNDJNLMSG	= 00000003	G
IOS_SPACEFILE	= 00000002	G
IOS_SPACERECORD	= 00000009	G
IOS_STARTDATA	= 00000038	G
IOS_STARTDATAP	= 00000006	G
IOS_STARTMPROC	= 00000002	G
IOS_STARTSPNDL	= 00000019	G
IOS_STOP	= 00000003	G
IOS_TTYREADALL	= 0000003A	G
IOS_TTYREADPALL	= 0000003B	G
IOS_UNLOAD	= 00000001	G
IOS_VIRTUAL	= 0000003F	G
IOS_WRITECHECK	= 0000000A	G
IOS_WRITECHECKM	= 00000018	G
IOS_WRITEHEAD	= 0000000D	G
IOS_WritelBLK	= 00000020	G
IOS_WRITEMARK	= 0000001C	G
IOS_WRITEOF	= 00000028	G
IOS_WRITEPBLK	= 0000000B	G

IOS_WRITERET	= 00000018	G
IOS_WritETRACKD	= 0000000F	G
IOS_WRITEVBLK	= 00000030	G
IOS_WRTTMKR	= 0000001D	G
TTSC_BAUD_110	= 00000003	G
TTSC_BAUD_1200	= 00000008	G
TTSC_BAUD_134	= 00000004	G
TTSC_BAUD_150	= 00000005	G
TTSC_BAUD_1800	= 00000009	G
TTSC_BAUD_19200	= 00000010	G
TTSC_BAUD_2000	= 0000000A	G
TTSC_BAUD_2400	= 0000000B	G
TTSC_BAUD_300	= 00000006	G
TTSC_BAUD_3600	= 0000000C	G
TTSC_BAUD_4800	= 0000000D	G
TTSC_BAUD_50	= 00000001	G
TTSC_BAUD_600	= 00000007	G
TTSC_BAUD_7200	= 0000000E	G
TTSC_BAUD_75	= 00000002	G
TTSC_BAUD_9600	= 0000000F	G
TTSM_ALTDISPAR	= 00000400	G
TTSM_ALTFRAME	= 00000010	G
TTSM_ALTRPAR	= 00000020	G
TTSM_CRFILL	= 00000400	G
TTSM_DISPARERR	= 00000200	G
TTSM_DS_CARRIER	= 00000020	G
TTSM_DS_CTS	= 00000010	G
TTSM_DS_DSR	= 00000080	G
TTSM_DS_DTR	= 00000002	G
TTSM_DS_RING	= 00000040	G
TTSM_DS_RTS	= 00000010	G
TTSM_DS_SECREC	= 00000008	G
TTSM_DS_SECTX	= 00000008	G
TTSM_EIGHTBIT	= 00008000	G
TTSM_ESCAPE	= 00000008	G
TTSM_HALFDUP	= 00100000	G
TTSM_HOLDSCREEN	= 00004000	G
TTSM_HOSTSYNC	= 00000010	G
TTSM_LFFILL	= 00000800	G
TTSM_LOWER	= 00000080	G
TTSM_MBXDSABL	= 00010000	G
TTSM_MECHFORM	= 00080000	G
TTSM_MECHTAB	= 00000100	G
TTSM_MODEM	= 00200000	G
TTSM_NOBRDCST	= 00020000	G
TTSM_NOECHO	= 00000002	G
TTSM_NOTYPEAHD	= 00000004	G
TTSM_ODD	= 00000080	G
TTSM_OPER	= 00400000	G
TTSM_PAGE	= FF000000	G
TTSM_PARITY	= 00000040	G
TTSM_PASSALL	= 00000001	G
TTSM_READSYNC	= 00040000	G
TTSM_REMOTE	= 00002000	G
TTSM_SCOPE	= 00001000	G
TTSM_SCRIPT	= 00000040	G
TTSM_TTSYNC	= C0000020	G

SYSSIODEF
Symbol table

D 16

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TTSM_TWOSTOP	= 00000100	G
TTSM_WRAP	= 00000200	G
TTSS_PAGE	= 00000008	G
TTSS_TTDEF	= 00000004	G
TTSV_ALTDISPAR	= 0000000A	G
TTSV_ALTFRAME	= 00000004	G
TTSV_ALTRPAR	= 00000005	G
TTSV_CRFILL	= 0000000A	G
TTSV_DISPARERR	= 00000009	G
TTSV_DS_CARRIER	= 00000005	G
TTSV_DS_CTS	= 00000004	G
TTSV_DS_DSR	= 00000007	G
TTSV_DS_DTR	= 00000001	G
TTSV_DS_RING	= 00000006	G
TTSV_DS_RTS	= 00000004	G
TTSV_DS_SECREC	= 00000003	G
TTSV_DS_SECTX	= 00000003	G
TTSV_EIGHTBIT	= 0000000F	G
TTSV_ESCAPE	= 00000003	G
TTSV_HALFDUP	= 00000014	G
TTSV_HOLDSCREEN	= 0000000E	G
TTSV_HOSTSYNC	= 00000004	G
TTSV_LFFILL	= 0000000B	G
TTSV_LOWER	= 00000007	G
TTSV_MBXDSABL	= 00000010	G
TTSV_MECHFORM	= 00000013	G
TTSV_MECHTAB	= 00000008	G
TTSV_MODEM	= 00000015	G
TTSV_NOBRDCST	= 00000011	G
TTSV_NOECHO	= 00000001	G
TTSV_NOTYPEAHD	= 00000002	G
TTSV_ODD	= 00000007	G
TTSV_OPER	= 00000016	G
TTSV_PAGE	= 00000018	G
TTSV_PARITY	= 00000006	G
TTSV_PASSALL	= 00000000	G
TTSV_READSYNC	= 00000012	G
TTSV_REMOTE	= 0000000D	G
TTSV_SCOPE	= 0000000C	G
TTSV_SCRIPT	= 00000006	G
TTSV_TTSYNC	= 00000005	G
TTSV_TWOSTOP	= 00000008	G
TTSV_WRAP	= 00000009	G
TTS_FT1	= 00000010	G
TTS_FT2	= 00000011	G
TTS_FT3	= 00000012	G
TTS_FT4	= 00000013	G
TTS_FT5	= 00000014	G
TTS_FT6	= 00000015	G
TTS_FT7	= 00000016	G
TTS_FT8	= 00000017	G
TTS_LA100	= 00000025	G
TTS_LA12	= 00000024	G
TTS_LA120	= 00000021	G
TTS_LA24	= 00000025	G
TTS_LA34	= 00000022	G
TTS_LA36	= 00000020	G

TTS_LA38	= 00000023	G
TTS_LA84	= 00000027	G
TTS_LAX	= 00000020	G
TTS_LQPC2	= 00000026	G
TTS_PRO_SERIES	= 0000000F	G
TTS_TEK401X	= 0000000A	G
TTS_TQ_BT5	= 00000004	G
TTS_UNKNOWN	= 00000000	G
TTS_VK100	= 00000002	G
TTS_VT05	= 00000001	G
TTS_VT100	= 00000060	G
TTS_VT101	= 00000061	G
TTS_VT102	= 00000062	G
TTS_VT105	= 00000063	G
TTS_VT125	= 00000064	G
TTS_VT131	= 00000065	G
TTS_VT132	= 00000066	G
TTS_VT173	= 00000003	G
TTS_VT200_SERIES	= 0000000E	G
TTS_VT52	= 00000040	G
TTS_VT55	= 00000041	G
TTS_VT5X	= 00000040	G
TT2SM_ALTYPEAHD	= 00000080	G
TT2SM_ANSICRT	= 01000000	G
TT2SM_APP_KEYPAD	= 00800000	G
TT2SM_AUTOBAUD	= 00000002	G
TT2SM_AVO	= 08000000	G
TT2SM_BLOCK	= 04000000	G
TT2SM_BRDCSTMBX	= 00000010	G
TT2SM_DCL_CTRLC	= 00000800	G
TT2SM_DCL_MAILBX	= 00000200	G
TT2SM_DCL_OUTBND	= 00000400	G
TT2SM_DECCRT	= 20000000	G
TT2SM_DECCRT2	= 40000000	G
TT2SM_DIALUP	= 00008000	G
TT2SM_DISCONNECT	= 00020000	G
TT2SM_DMA	= 00000040	G
TT2SM_DRCS	= 00200000	G
TT2SM_EDIT	= 10000000	G
TT2SM_EDITING	= 00001000	G
TT2SM_FALLBACK	= 00004000	G
TT2SM_HANGUP	= 00000004	G
TT2SM_INSERT	= 00002000	G
TT2SM_LOCALECHO	= 00000001	G
TT2SM_MODHANGUP	= 00000008	G
TT2SM_PASTHRU	= 00040000	G
TT2SM_PRINTER	= 00400000	G
TT2SM_REGIS	= 02000000	G
TT2SM_SECURE	= 00010000	G
TT2SM_SETSPEED	= 00000100	G
TT2SM_SIXEL	= 00100000	G
TT2SM_SYSPWD	= 00080000	G
TT2SM_XON	= 00000020	G
TT2SS_TT2DEF	= 00000004	G
TT2SV_ALTYPEAHD	= 00000007	G
TT2SV_ANSICRT	= 00000018	G
TT2SV_APP_KEYPAD	= 00000017	G

SYSSIODEF
Symbol table

E 16

16-SEP-1984 00:18:49 VAX/VMS Macro V04-00
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(2)

TT2\$V_AUTOBAUD	= 00000001	G
TT2\$V_AVO	= 0000001B	G
TT2\$V_BLOCK	= 0000001A	G
TT2\$V_BRDCSTMBX	= 00000004	G
TT2\$V_DCL_CTRLC	= 0000000B	G
TT2\$V_DCL_MAILBX	= 00000009	G
TT2\$V_DCL_OUTBND	= 0000000A	G
TT2\$V_DECCRT	= 0000001D	G
TT2\$V_DECCRT2	= 0000001E	G
TT2\$V_DIALUP	= 0000000F	G
TT2\$V_DISCONNECT	= 00000011	G
TT2\$V_DMA	= 00000006	G
TT2\$V_DRCS	= 00000015	G
TT2\$V_EDIT	= 0000001C	G
TT2\$V_EDITING	= 0000000C	G
TT2\$V_FALLBACK	= 0000000E	G
TT2\$V_HANGUP	= 00000002	G
TT2\$V_INSERT	= 0000000D	G
TT2\$V_LOCALECHO	= 00000000	G
TT2\$V_MODHANGUP	= 00000003	G
TT2\$V_PASTHRU	= 00000012	G
TT2\$V_PRINTER	= 00000016	G
TT2\$V_REGIS	= 00000019	G
TT2\$V_SECURE	= 00000010	G
TT2\$V_SETSPEED	= 00000008	G
TT2\$V_SIXEL	= 00000014	G
TT2\$V_SYSPWD	= 00000013	G
TT2\$V_XON	= 00000005	G

+-----+
! Psect synopsis !
+-----+

PSECT name	Allocation	PSECT No.	Attributes															
. ABS .	00000000 (0.)	00 (0.)	NOPIC	USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE					
\$ABSS	00000000 (0.)	01 (1.)	NOPIC	USR	CON	ABS	LCL	NOSHR	EXE	RD	WRT	NOVEC	BYTE					

+-----+
! Performance indicators !
+-----+

Phase	Page faults	CPU Time	Elapsed Time
Initialization	29	00:00:00.08	00:00:02.13
Command processing	106	00:00:00.51	00:00:06.02
Pass 1	245	00:00:06.64	00:00:25.13
Symbol table sort	0	00:00:01.20	00:00:03.95
Pass 2	53	00:00:01.14	00:00:05.87
Symbol table output	96	00:00:00.64	00:00:01.84
Psect synopsis output	2	00:00:00.02	00:00:00.02
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	534	00:00:10.23	00:00:44.96

The working set limit was 1350 pages.

38634 bytes (76 pages) of virtual memory were used to buffer the intermediate code.

There were 50 pages of symbol table space allocated to hold 826 non-local and 0 local symbols.

53 source lines were read in Pass 1, producing 44 object records in Pass 2.
12 pages of virtual memory were used to define 11 macros.

+-----+
! Macro library statistics !
+-----+

Macro library name	Macros defined
-----	-----
\$255\$DUA28:[SYS.OBJ]LIB.MLB;1	0
\$255\$DUA28:[SYS.LIB]STARLET.MLB;2	8
TOTALS (all libraries)	8

901 GETS were required to define 8 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:IODEF/OBJ=OBJ\$:IODEF MSRC\$:IODEF/UPDATE=(ENH\$:IODEF)+EXECMLS/LIB

0375 AH-BT13A-SE
VAX/VMS V4.0

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