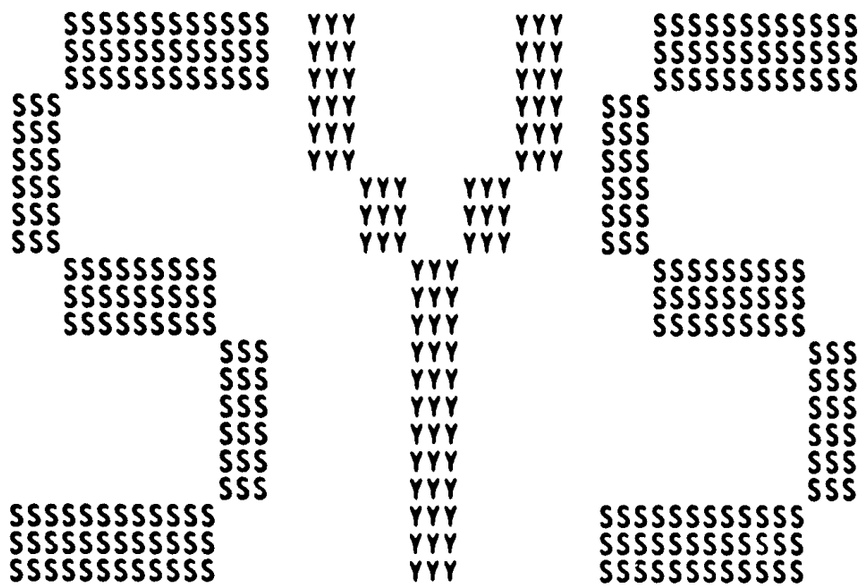

```
  SSSSSSSS  YY      YY    SSSSSSSS    SSSSSSSS  EEEEEEEEEE  TTTTTTTTTT    SSSSSSSS    SSSSSSSS  FFFFFFFFFF
  SSSSSSSS  YY      YY    SSSSSSSS    SSSSSSSS  EEEEEEEEEE  TTTTTTTTTT    SSSSSSSS    SSSSSSSS  FFFFFFFFFF
SS          YY      YY  SS          SS          EE              TT      SS          SS          FF
SS          YY      YY  SS          SS          EE              TT      SS          SS          FF
SS            YY  YY    SS          SS          EE              TT      SS          SS          FF
SS            YY  YY    SS          SS          EE              TT      SS          SS          FF
  SSSSSS        YY        SSSSSS      SSSSSS    EEEEEEEE        TT        SSSSSS      SSSSSS    FFFFFFFF
  SSSSSS        YY        SSSSSS      SSSSSS    EEEEEEEE        TT        SSSSSS      SSSSSS    FFFFFFFF
        SS      YY              SS          SS  EE              TT              SS          SS  FF
        SS      YY              SS          SS  EE              TT              SS          SS  FF
        SS      YY              SS          SS  EE              TT              SS          SS  FF
        SS      YY              SS          SS  EE              TT              SS          SS  FF
SSSSSSSS        YY      SSSSSSSS    SSSSSSSS    EEEEEEEEEE      TT      SSSSSSSS    SSSSSSSS    FF
SSSSSSSS        YY      SSSSSSSS    SSSSSSSS    EEEEEEEEEE      TT      SSSSSSSS    SSSSSSSS    FF


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
LLLLLLLLLL      IIIIII    SSSSSSSS
LLLLLLLLLL      IIIIII    SSSSSSSS
```

```
0000     1          .TITLE  SYSSETSSF - SET SYSTEM SERVICE FILTER MASK
0000     2          .IDENT  'V04-000'
0000     3
0000     4  ;*****************************************************************************
0000     5  ;*                                                                           *
0000     6  ;*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                  *
0000     7  ;*  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.                   *
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0000    14  ;*  OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY     *
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0000    18  ;*  AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT    *
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0000    22  ;*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                  *
0000    23  ;*                                                                           *
0000    24  ;*                                                                           *
0000    25  ;*****************************************************************************
0000    26
0000    27  ;++
0000    28  ; FACILITY: EXECUTIVE, SYSTEM SERVICES
0000    29  ;
0000    30  ; ABSTRACT:
0000    31  ;       This module implements the service to set the system service
0000    32  ;       inhibit filter mask in the control region.
0000    33  ;
0000    34  ; ENVIRONMENT: VAX/VMS
0000    35  ;
0000    36  ; AUTHOR: Kerbey T. Altmann,     CREATION DATE: 05-Jun-1981
0000    37  ;
0000    38  ; MODIFIED BY:
0000    39  ;
0000    40  ;--
```

```
                        0000     42          .SBTTL  DECLARATIONS
                        0000     43 ;
                        0000     44 ; INCLUDE FILES:
                        0000     45 ;
                        0000     46          $PSLDEF
                        0000     47          $SSDEF
                        0000     48
                        0000     49 ;
                        0000     50 ; LOCAL SYMBOLS:
                        0000     51 ;
00000004                0000     52          MASK    =4              ; The byte mask is the only parameter
                        0000     53
```

```
                                0000     55          .SBTTL  EXE$SETSSF - SET SYSTEM SERVICE FILTER
                                0000     56
                           00000000     57          .PSECT  YEXEPAGED
                               0010  0000     58          .ENTRY  EXE$SETSSF, ^M<R4>
                     50    24   3C  0002     59          MOVZWL  #SS$_NOPRIV, R0         ; Assume failure
                           51   DC  0005     60          MOVPSL  R1                      ; Pick up PSL
          51    00C00000 8F   51   CB  0007     61          BICL3   R1, #PSL$M_PRVMOD, R1   ; Check for previous mode
                           0B   13  000F     62          BEQL    10$                     ; USER is a failure
            00000000'9F    04   AC  90  0011     63          MOVB    MASK(AP), @#CTL$GB_SSFILTER     ; Move it into vector page
                     50    01   3C  0019     64          MOVZWL  #SS$_NORMAL, R0         ; Success
                                04  001C     65 10$:     RET
                                    001D     66          .END
```

```
CTL$GB_SSFILTER          ********   X    02
EXE$SETSSF               00000000 RG    02
MASK                  =  00000004
PSL$M_PRVMOD          =  00C00000
SS$_NOPRIV            =  00000024
SS$_NORMAL            =  00000001
```

Psect synopsis

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
ABS	00000000 (0.)	01 (1.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE
YEXEPAGED	0000001D (29.)	02 (2.)	NOPIC USR CON REL LCL NOSHR EXE RD WRT NOVEC BYTE

Performance indicators

Phase	Page faults	CPU Time	Elapsed Time
Initialization	30	00:00:00.10	00:00:00.28
Command processing	105	00:00:00.54	00:00:01.16
Pass 1	198	00:00:03.93	00:00:05.15
Symbol table sort	0	00:00:00.66	00:00:00.73
Pass 2	30	00:00:00.67	00:00:00.81
Symbol table output	2	00:00:00.03	00:00:00.03
Psect synopsis output	1	00:00:00.01	00:00:00.02
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	368	00:00:05.95	00:00:08.19

```
The working set limit was 1200 pages.
21309 bytes (42 pages) of virtual memory were used to buffer the intermediate code.
There were 30 pages of symbol table space allocated to hold 449 non-local and 1 local symbols.
66 source lines were read in Pass 1, producing 16 object records in Pass 2.
9 pages of virtual memory were used to define 8 macros.
```

Macro library statistics

Macro library name	Macros defined
_255DUA28:[SYS.OBJ]LIB.MLB;1	0
_255DUA28:[SYSLIB]STARLET.MLB;2	5
TOTALS (all libraries)	5

```
512 GETS were required to define 5 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS$:SYSSETSSF/OBJ=OBJ$:SYSSETSSF MSRC$:SYSSETSSF/UPDATE=(ENH$:SYSSETSSF)+EXECML$/LIB
```

SYSSETPRA LIS

SYSSETSSF LIS

SYSSNDJBC LIS

SYSSETIME LIS

SYSSETPFM LIS

SYSUPDSEC LIS

SYSSNDMSG LIS

SYSSETPRT LIS

SYSSETPRV LIS

SYSUNWIND LIS

SYSSETSTK LIS

SYSSETMOD LIS

SYSSETEXV LIS

SYSSETPRI LIS

SYSSCHEVT LIS