

PPPPPPPPPPPP	RRRRRRRRRRRR	TTTTTTTTTTTTTT	SSSSSSSSSSSS	MMM	MMM	BBBBBBBBBBBB			
PPPPPPPPPPPP	RRRRRRRRRRRR	TTTTTTTTTTTTTT	SSSSSSSSSSSS	MMM	MMM	BBBBBBBBBBBB			
PPPPPPPPPPPP	RRRRRRRRRRRR	TTTTTTTTTTTTTT	SSSSSSSSSSSS	MMM	MMM	BBBBBBBBBBBB			
PPP	PPP	RRR	RRR	TTT	SSS	MMMMMM	MMMMMM	BBB	BBB
PPP	PPP	RRR	RRR	TTT	SSS	MMMMMM	MMMMMM	BBB	BBB
PPP	PPP	RRR	RRR	TTT	SSS	MMMMMM	MMMMMM	BBB	BBB
PPP	PPP	RRR	RRR	TTT	SSS	MMM	MMM	MMM	BBB
PPP	PPP	RRR	RRR	TTT	SSS	MMM	MMM	MMM	BBB
PPPPPPPPPPPP	RRRRRRRRRRRR	TTTTTTTTTTTTTT	SSSSSSSSSS	MMM	MMM	MMMMMM	MMMMMM	BBB	BBB
PPPPPPPPPPPP	RRRRRRRRRRRR	TTTTTTTTTTTTTT	SSSSSSSSSS	MMM	MMM	MMMMMM	MMMMMM	BBB	BBB
PPPPPPPPPPPP	RRRRRRRRRRRR	TTTTTTTTTTTTTT	SSSSSSSSSS	MMM	MMM	MMMMMM	MMMMMM	BBB	BBB
PPP	RRR	RRR	RRR	TTT	SSS	MMM	MMM	BBB	BBB
PPP	RRR	RRR	RRR	TTT	SSS	MMM	MMM	BBB	BBB
PPP	RRR	RRR	RRR	TTT	SSS	MMM	MMM	BBB	BBB
PPP	RRR	RRR	RRR	TTT	SSS	MMM	MMM	BBB	BBB
PPP	RRR	RRR	RRR	TTT	SSS	MMM	MMM	BBB	BBB
PPP	RRR	RRR	RRR	TTT	SSS	MMM	MMM	BBB	BBB
PPP	RRR	RRR	RRR	TTT	SSS	MMM	MMM	BBB	BBB
PPP	RRR	RRR	RRR	TTT	SSS	MMM	MMM	BBB	BBB
PPP	RRR	RRR	RRR	TTT	SSS	MMM	MMM	BBB	BBB
PPPPPPPPPPPP	RRRRRRRRRRRR	TTTTTTTTTTTTTT	SSSSSSSSSSSS	MMM	MMM	MMMMMM	MMMMMM	BBB	BBB
PPPPPPPPPPPP	RRRRRRRRRRRR	TTTTTTTTTTTTTT	SSSSSSSSSSSS	MMM	MMM	MMMMMM	MMMMMM	BBB	BBB
PPPPPPPPPPPP	RRRRRRRRRRRR	TTTTTTTTTTTTTT	SSSSSSSSSSSS	MMM	MMM	MMMMMM	MMMMMM	BBB	BBB

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```
00000000 85      .PSECT $SMBSHR_TRANFER, NOWRT, NOEXE, SHR, NOPIC, NOVEC
0000      86
0000      87 :
0000      88 : Define macro to set up transfer vectors
0000      89 :
0000      90
0000      91      .MACRO transfer entry_point
0000      92      .TRANSFER      entry_point
0000      93      .MASK          entry_point          ;Entry point mask
0000      94      JMP          entry_point+2        ;Go to main routine code
0000      95      .ENDM      transfer
0000      96
0000      97 :
0000      98 : NOTE: These transfer vectors cannot change. Add new vectors at the
0000      99 : end -- replace obsolete vectors with dummy entries.
0000     100 :
0000     101
0000     102 SMBSHR_TRANSFER:
0000     103 transfer SMB$CHECK_FOR_MESSAGE ; Check for a job controller message
0008     104 transfer PSMS$REPORT ; Complete asynchronous service
0010     105 transfer PSMS$FILE_FLAG ; File flag/burst page
0018     106 transfer PSMS$FILE_TRAILER ; File trailer page
0020     107 transfer SMB$READ_MESSAGE_ITEM ; Get next item from message
0028     108 transfer PSMS$INCLUDE_MODULES ; Include library modules
0030     109 transfer SMB$INITIALIZE ; Initialize symbiont
0038     110 transfer PSMS$JOB_FLAG ; Job flag/burst page
0040     111 transfer PSMS$JOB_TRAILER ; Job trailer page
0048     112 transfer PSMS$PAGE_HEADER ; Page header routine
0050     113 transfer PSMS$PAGE_SETUP ; Page setup routine
0058     114 transfer PSMS$PRINT ; Standard print symbiont
0060     115 transfer PSMS$REPLACE ; Provide a user service routine
0068     116 transfer PSMS$READ_ITEM_DX ; Read an SCB item by descriptor
0070     117 transfer PSMS$READ_ITEM_R ; Read an SCB item by reference
0078     118 transfer SMB$READ_MESSAGE ; Read a job controller message
0080     119 transfer SMB$SEND_TO_JOBCTL ; Send a job controller message
0088     120 transfer PSMS$WRITE_ITEM_DX ; Write an SCB item by descriptor
0090     121 transfer PSMS$WRITE_ITEM_R ; Write an SCB item by reference
0098     122
```


TRANSFER
Symbol table

```
DISPATCH          00000100 R   03
INDEX              = 00000020
PSMSFILE_FLAG     ***** X   02
PSMSFILE_TRAILER  ***** X   02
PSMSG_L_SCBVEC    ***** X   03
PSMSHANGUP_DISPATCH_TABLE 00000000 RG  03
PSMSINCLUDE_MODULES ***** X   02
PSMSJOB_FLAG      ***** X   02
PSMSJOB_TRAILER   ***** X   02
PSMSK_MAXSTREAMS  = 00000020
PSMSL_STREAM_FLAGS = 0000000C
PSMSPAGE_HEADER   ***** X   02
PSMSPAGE_SETUP    ***** X   02
PSMSPRINT         ***** X   02
PSMSREAD_ITEM_DX  ***** X   02
PSMSREAD_ITEM_R   ***** X   02
PSMSREPLACE       ***** X   02
PSMSREPORT        ***** X   02
PSMSS_HANGUP_DISPATCH_ENTRY = 00000008 G
PSMSV_HANGUP      = 00000002
PSMSWRITE_ITEM_DX ***** X   02
PSMSWRITE_ITEM_R  ***** X   02
SMBSCHECK_FOR_MESSAGE ***** X   02
SMBSINITIALIZE    ***** X   02
SMBSREAD_MESSAGE  ***** X   02
SMBSREAD_MESSAGE_ITEM ***** X   02
SMBSSEND_TO_JOBCTL ***** X   02
SMBSHR_TRANSFER   00000000 R   02
```

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

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 (0.)	00 (0.)	NOPIC LSR 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
\$SMBSHR_TRANSFER	00000098 (152.)	02 (2.)	NOPIC USR CON REL LCL SHR NOEXE RD NOWRT NOVEC BYTE
CODE	0000010E (270.)	03 (3.)	NOPIC USR CON REL LCL NOSHR EXE RD NOWRT NOVEC LONG

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

Phase	Page faults	CPU Time	Elapsed Time
Initialization	9	00:00:00.06	00:00:01.27
Command processing	85	00:00:00.60	00:00:04.01
Pass 1	165	00:00:03.91	00:00:12.16
Symbol table sort	0	00:00:00.50	00:00:00.89
Pass 2	50	00:00:00.83	00:00:05.48
Symbol table output	4	00:00:00.04	00:00:00.15
Psect synopsis output	1	00:00:00.02	00:00:00.02
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	314	00:00:05.96	00:00:25.99

The working set limit was 900 pages.

22141 bytes (44 pages) of virtual memory were used to buffer the intermediate code.
There were 30 pages of symbol table space allocated to hold 350 non-local and 1 local symbols.
158 source lines were read in Pass 1, producing 17 object records in Pass 2.
9 pages of virtual memory were used to define 8 macros.

! Macro library statistics !

Macro library name	Macros defined
-----	-----
_\$255\$DUA28:[PRTSMB.OBJ]SMBDEF.MLB;1	1
-\$255\$DUA28:[SYSLIB]STARLET.MLB;2	3
TOTALS (all libraries)	4

384 GETS were required to define 4 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:TRANSFER/OBJ=OBJ\$:TRANSFER MSRC\$:TRANSFER/UPDATE=(ENH\$:TRANSFER)+LIB\$:SMBDEF/LIB

0312 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
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...	REMLKDB LIS	...	REMLQ LIS	...	RMS
...	REMLN LIS	RMS MAP
...	REMLP LIS	...	REMLQ2 LIS
...	REMLR LIS	...	REMLQ3 LIS
...	REMLS LIS	...	REMLQ4 LIS
...	REMLT LIS	...	REMLQ5 LIS
...	REMLU LIS	...	REMLQ6 LIS
...	REMLV LIS	...	REMLQ7 LIS
...	REMLW LIS	...	REMLQ8 LIS
...	REMLX LIS	...	REMLQ9 LIS
...	REMLY LIS	...	REMLQ10 LIS
...	REMLZ LIS	...	REMLQ11 LIS
...	REMLA LIS	...	REMLQ12 LIS
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