


```

SSSSSSSS UU    UU  MM    MM  DDDDDDDD  AAAAAA  TTTTTTTTTT  AAAAAA
SSSSSSSS UU    UU  MM    MM  DDDDDDDD  AAAAAA  TTTTTTTTTT  AAAAAA
SS    UU    UU  MMMM  MMMM  DD    DD  AA    AA  TT    AA    AA
SS    UU    UU  MMMM  MMMM  DD    DD  AA    AA  TT    AA    AA
SS    UU    UU  MM    MM  DD    DD  AA    AA  TT    AA    AA
SS    UU    UU  MM    MM  DD    DD  AA    AA  TT    AA    AA
SSSSSS    UU    UU  MM    MM  DD    DD  AA    AA  TT    AA    AA
SSSSSS    UU    UU  MM    MM  DD    DD  AA    AA  TT    AA    AA
SS    UU    UU  MM    MM  DD    DD  AAAAAAAAAA  TT    AAAAAAAAAA
SS    UU    UU  MM    MM  DD    DD  AAAAAAAAAA  TT    AAAAAAAAAA
SS    UU    UU  MM    MM  DD    DD  AA    AA  TT    AA    AA
SSSSSSSS  UUUUUUUUUU  MM    MM  DDDDDDDD  AA    AA  TT    AA    AA
SSSSSSSS  UUUUUUUUUU  MM    MM  DDDDDDDD  AA    AA  TT    AA    AA

```

```

....
....
....
....

```

```

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
LLLLLLLLLL  IIIIII  SSSSSSSS
LLLLLLLLLL  IIIIII  SSSSSSSS

```

(2) 48 GLOBAL DATA

```
0000 1 .TITLE SUM$DATA
0000 2
0000 3 .IDENT 'V04-000'
0000 4
0000 5
0000 6 *****
0000 7 *
0000 8 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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0000 24 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL. *
0000 25 *
0000 26 *
0000 27 *****
0000 28
0000 29
0000 30 ++
0000 31 : FACILITY:
0000 32
0000 33 : ABSTRACT:
0000 34
0000 35
0000 36 : ENVIRONMENT: USER MODE
0000 37
0000 38 : AUTHOR: R. Newland
0000 39
0000 40
0000 41 : MODIFIED BY:
0000 42
0000 43
0000 44 : : VERSION
0000 45 : 01 -
0000 46 : --
```

GLOBAL DATA

```

0000 48      .SBTTL  GLOBAL DATA
0000 49      :
0000 50      :
0000 51      :
0000 52      : Macro declarations
0000 53      :
0000 54      :
0000 55      :
0000 56      DEFUPFBLK
0000 57      :
0000 58      :
00000000 59      .PSECT  SUM$GLOBAL,NOEXE,LONG
0000 60      :
0000 61      :
00000004 62  SUM$VIRT_ADDR::      ; Long word to put virtual memory
0000 63      .BLKL  1          ; address returned by LIB$GET_VM
0004 64      :
0004 65  SUM$FAB::            ; File access block
0004 66      $FAB  FAC = GET
0054 67      :
00000098 68  SUM$BLSIZE::      ; Size of Update file block
0054 69      .LONG  UPF_K_BLN
0058 70      :
0058 71      .END

```

SUM\$DATA
Symbol table

K 13

16-SEP-1984 02:09:53 VAX/VMS Macro V04-00
5-SEP-1984 03:38:38 [SUM.SRC]SUMDATA.MAR;1

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(2)

```

$$ .TAB          = 00000004 R    02
$$ .TABEND      = 00000054 R    02
$$ .TMP         = 00000000
BIT...         = 00000005
FAB$C_BID      = 00000003
FAB$C_BLN     = 00000050
FAB$C_SEQ     = 00000000
FAB$C_VAR     = 00000002
FAB$L_ALQ    = 00000010
FAB$L_FOP    = 00000004
FAB$V_CHAN_MODE = 00000002
FAB$V_FILE_MODE = 00000004
FAB$V_GET     = 00000001
FAB$V_LNM_MODE = 00000000
FAB$W_GBC     = 00000048
NAM$K_BLN     = 00000060
SIZ...        = 00000001
SUM$BLSIZE    = 00000054 RG   02
SUM$FAB       = 00000004 RG   02
SUM$VIRT_ADDR = 00000000 RG   02
SUM_M_AUDIT   = 00000001
SUM_M_AUDITNEW = 00000002
SUM_M_DELETE  = 00000010
SUM_M_SRCUPD  = 00000004
SUM_M_SUBCLSH = 00000008
SUM_V_AUDIT   = 00000000
SUM_V_AUDITNEW = 00000001
SUM_V_DELETE  = 00000004
SUM_V_SRCUPD  = 00000002
SUM_V_SUBCLSH = 00000003
UPF_B_EDFLAGS = 00000009
UPF_B_FIFLAGS = 00000008
UPF_B_FILENO  = 0000000C
UPF_K_BLN     = 00000098
UPF_L_PTR     = 00000000
UPF_Q_AUDDS   = 00000018
UPF_Q_CMNT    = 00000020
UPF_Q_EDITS   = 00000010
UPF_T_AUDST   = 00000028
UPF_T_NAM     = 00000038
UPF_W_DOT     = 0000000A
UPF_W_LOC1    = 00000004
UPF_W_LOC2    = 00000006
  
```

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

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
\$AB\$\$	00000098 (152.)	01 (1.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE
SUM\$GLOBAL	00000058 (88.)	02 (2.)	NOPIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC LONG

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

Phase	Page faults	CPU Time	Elapsed Time
Initialization	35	00:00:00.08	00:00:01.47
Command processing	133	00:00:00.56	00:00:01.60
Pass 1	193	00:00:04.08	00:00:10.53
Symbol table sort	0	00:00:00.37	00:00:00.81
Pass 2	30	00:00:00.64	00:00:01.85
Symbol table output	7	00:00:00.05	00:00:00.06
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	401	00:00:05.82	00:00:16.35

The working set limit was 1050 pages.
18432 bytes (36 pages) of virtual memory were used to buffer the intermediate code.
There were 20 pages of symbol table space allocated to hold 369 non-local and 0 local symbols.
71 source lines were read in Pass 1, producing 13 object records in Pass 2.
19 pages of virtual memory were used to define 15 macros.

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

Macro library name	Macros defined
_\$255\$DUA28:[SUM.OBJ]SUM.MLB;1	2
_\$255\$DUA28:[SYSLIB]STARLET.MLB;2	9
TOTALS (all libraries)	11

536 GETS were required to define 11 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:SUMDATA/OBJ=OBJ\$:SUMDATA MSRC\$:SUMDATA/UPDATE=(ENH\$:SUMDATA)+LIB\$:SUM/LIB

