

MMM		MMM	AAAAAAAAAA	CCCCCCCCCCCC	RRRRRRRRRRRR	0000000000		
MMM		MMM	AAAAAAAAAA	CCCCCCCCCCCC	RRRRRRRRRRRR	0000000000		
MMM		MMM	AAAAAAAAAA	CCCCCCCCCCCC	RRRRRRRRRRRR	0000000000		
MMMMMMM	MMMMMMM	AAA	AAA	CCC	RRR	RRR	000	000
MMMMMMM	MMMMMMM	AAA	AAA	CCC	RRR	RRR	000	000
MMMMMMM	MMMMMMM	AAA	AAA	CCC	RRR	RRR	000	000
MMM	MMM	MMM	AAA	AAA	CCC	RRR	RRR	000
MMM	MMM	MMM	AAA	AAA	CCC	RRR	RRR	000
MMM	MMM	MMM	AAA	AAA	CCC	RRR	RRR	000
MMM		MMM	AAA	AAA	CCC	RRRRRRRRRRRR	000	000
MMM		MMM	AAA	AAA	CCC	RRRRRRRRRRRR	000	000
MMM		MMM	AAA	AAA	CCC	RRRRRRRRRRRR	000	000
MMM		MMM	AAAAAAAAAAAAAAAA	CCC	RRR	RRR	000	000
MMM		MMM	AAAAAAAAAAAAAAAA	CCC	RRR	RRR	000	000
MMM		MMM	AAAAAAAAAAAAAAAA	CCC	RRR	RRR	000	000
MMM		MMM	AAA	AAA	CCC	RRR	RRR	000
MMM		MMM	AAA	AAA	CCC	RRR	RRR	000
MMM		MMM	AAA	AAA	CCC	RRR	RRR	000
MMM		MMM	AAA	AAA	CCCCCCCCCCCC	RRR	RRR	0000000000
MMM		MMM	AAA	AAA	CCCCCCCCCCCC	RRR	RRR	0000000000
MMM		MMM	AAA	AAA	CCCCCCCCCCCC	RRR	RRR	0000000000

```
IIIIII 000000 DDDDDDDD AAAAAA TTTTTTTTTT
IIIIII 000000 DDDDDDDD AAAAAA TTTTTTTTTT
II      00      00 DD      DD AA      AA TT
II      00      00 DD      DD AA      AA TT
II      00      00 DD      DD AA      AA TT
II      00      00 DD      DD AA      AA TT
II      00      00 DD      DD AA      AA TT
II      00      00 DD      DD AA      AA TT
II      00      00 DD      DD AA      AA TT
II      00      00 DD      DD AA      AA TT
II      00      00 DD      DD AA      AA TT
IIIIII 000000 DDDDDDDD AAAAAA TTTTTTTTTT
IIIIII 000000 DDDDDDDD AA      AA TT
                     ....
                     ....
                     ....
                     ....
```

```
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
LL      II      SSSSSS
LLLLLLLLL IIIIII SSSSSSSS
LLLLLLLLL IIIIII SSSSSSSS
```


(2) 75 DECLARATIONS

```
0000 1      .TITLE  MAC$IODAT
0000 2      .IDENT  'V04-000'
0000 3
0000 4
0000 5      *****
0000 6      *
0000 7      *  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
0000 8      *  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
0000 9      *  ALL RIGHTS RESERVED.
0000 10     *
0000 11     *  THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
0000 12     *  ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE
0000 13     *  INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER
0000 14     *  COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY
0000 15     *  OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY
0000 16     *  TRANSFERRED.
0000 17     *
0000 18     *  THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
0000 19     *  AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT
0000 20     *  CORPORATION.
0000 21     *
0000 22     *  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
0000 23     *  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0000 24     *
0000 25     *
0000 26     *****
0000 27
0000 28
0000 29     ++
0000 30     FACILITY:      VAX MACRO ASSEMBLER OBJECT LIBRARY
0000 31
0000 32     ABSTRACT:
0000 33
0000 34     The VAX-11 MACRO assembler translates MACRO-32 source code into object
0000 35     modules for input to the VAX-11 LINKER.
0000 36
0000 37     ENVIRONMENT:  USER MODE
0000 38
0000 39     AUTHOR: Benn Schreiber, CREATION DATE: 21-AUG-78
0000 40
0000 41     MODIFIED BY:
0000 42
0000 43     V03-003 RRB0030 Rowland R. Bradley      06-Jul-1984
0000 44     Add resultant and expanded string to MAC$OBJECT_NAM
0000 45     and MAC$LIST_NAM (same string) to properly signal
0000 46     errors when it is not possible to create the output
0000 47     file. Add MAC$OBJ_NAM_BUF AND MAC$LIS_NAM_BUF for
0000 48     proper defaulting.
0000 49
0000 50     V03-002 RRB0027 Rowland R. Bradley      29-May-1984
0000 51     Add data structures for LIB$FIND_FILE. Attempted to
0000 52     follow naming convention adopted in this language
0000 53     processor.
0000 54
0000 55     V03-001 MTR0026      Mike Rhodes      23-Feb-1983
0000 56     Add MAC$GB_INPNAMLEN to remember the last input file
0000 57     expanded name string length.
```


0000 58 :
0000 59 :
0000 60 :
0000 61 :
0000 62 :
0000 63 :
0000 64 :
0000 65 :
0000 66 :
0000 67 :
0000 68 :
0000 69 :
0000 70 :
0000 71 :
0000 72 :
0000 73 :--

V02.09 MTR0001 Mike Rhodes 9-Nov-1981
Modify the use of the default system library file name.

V02.08 CNH0039 Chris Hume 7-Oct-1980
Closed off a few remaining object record length checking
errors. (OHDOUT.MAR 02.02, P2ACT1.MAR 02.09)

V01.07 RN0029 R. Newland 5-Feb-1980
Use OFP (output file parse) in file-options to
form object and listing file specifications.

V01.06 RN0011 R. Newland 11-Sep-1979
New librarian support

DECLARATIONS

```
0000 75      .SBTTL  DECLARATIONS
0000 76      :
0000 77      : INCLUDE FILES:
0000 78      :
0000 79      :
0000 80      :
0000 81      : MACROS:
0000 82      :
0000 83      :
0000 84      $MAC_GENVALDEF      ;DEFINE VAX-11 MACRO GENERAL SYMBOLS
0000 85      $MAC_MLFDEF        ; Define MLF offsets
0177 86      :
0177 87      :
0177 88      : EQUATED SYMBOLS:
0177 89      :
0177 90      :
00000034 0177 91  WARN_LIMIT = 52.      ; Number of characters remaining in the object
0177 92      :                      ; record at which the record must be output.
0177 93      :
0177 94      :
0177 95      : OWN STORAGE:
0177 96      :
0177 97      :
00000000 0000 98      .PSECT  MAC$IODAT_DATA,NOEXE, LONG
0000 99      :
0000 100     MAC$TERM_FAB::      ;FAB FOR TERMINAL OUTPUT
0000 101     $FAB      FNM=<SYSSERROR>,-
0000 102     FAC=<PUT>,-
0000 103     RAT=<CR>
0050 104     :
0050 105     MAC$TERM_RAB::      ;RAB FOR TERMINAL OUTPUT
0050 106     $RAB      FAB=MAC$TERM_FAB
0094 107     :
0094 108     MAC$INPUT_RAB::      ;RAB FOR READING INPUT FILE
0094 109     $RAB      UBF=MAC$AB_LINEBF,-
0094 110     USZ=IN$K_BUF$SIZ,-
0094 111     ROP=<RAH>,-
0094 112     MBC=20,-
0094 113     MBF=20
00D8 114     :
00D8 115     MAC$INPUT_XAB::      ;XAB TO GET INPUT CREATION DATE
00D8 116     $XABDAT
0104 117     :
0104 118     MAC$INPUT_RLFNM::
0104 119     $NAM      -
0104 120     RSA=MAC$INP_NAM_BUF,-
0104 121     ESA=MAC$INP_NAM_BUF,-
0104 122     ESS=NAM$C_MAXRSS
0164 123     :
00000263 0164 124     MAC$INP_NAM_BUF::
0164 125     .BLKB      NAM$C_MAXRSS
0263 126     MAC$GB_INPNAMLEN::
0263 127     .BYTE      0      ;LENGTH OF LAST STRING WRITTEN INTO
0264 128     :                      ;MAC$INP_NAM_BUF.
0264 129     .ALIGN      LONG
0264 130     MAC$LISTPT_RLFNM::
0264 131     :                      ;RELATED FILE NAM BLOCK FOR DEFAULTING
                                ;(THIS IS THE RESULT OF FIRST SOURCE FILE)
```


DECLARATIONS

```
0264 132          $NAM          -
0264 133          RSA=MAC$NIS_NAM_BUF,-
0264 134          ESA=MAC$NIS_NAM_BUF,-
0264 135          ESS=NAM$C_MAXRSS
02C4 136
02C4 137          .ALIGN LONG
02C4 138 MAC$OBJPT_RLFNM::
02C4 139                                     ;RELATED FILE NAM BLOCK FOR DEFAULTING
02C4 140                                     ;(THIS IS THE RESULT OF FIRST SOURCE FILE)
02C4 141          $NAM          -
02C4 142          RSA=MAC$OBJ_NAM_BUF,-
02C4 143          ESA=MAC$OBJ_NAM_BUF,-
02C4 144          ESS=NAM$C_MAXRSS
0324 145
00000423 0324 146 MAC$OBJ_NAM_BUF::
0423 147          .BLRB NAM$C_MAXRSS
0423 148          .ALIGN LONG
0424 149
00000523 0424 150 MAC$NIS_NAM_BUF::
0523 151          .BLRB NAM$C_MAXRSS
0523 152          .ALIGN LONG
0524 153
00000623 0524 155 MAC$RES_NAM_BUF::
0524 156          .BLRB NAM$C_MAXRSS          ;RESULTANT STRING BUFFER
0623 157          .ALIGN LONG
0624 158
0624 160 MAC$OBJECT_FAB::          ;FAB FOR OBJECT FILE
0624 161          $FAB          DNM=<.OBJ> ,FAC=<PUT>,-
0624 162          FOP=<TEF, OFP>,-          ; TRUNCATE TO EOF
0624 163          DEQ=20,-
0624 164          NAM=MAC$OBJECT_NAM
0674 165 MAC$OBJECT_RAB::          ;RAB FOR WRITING OBJECT FILE
0674 166          $RAB          RBF=MAC$AB_OBJBUF,-
0674 167          ROP=<WBH>,-
0674 168          RSZ=OBJ$K_BUFSIZ,-
0674 169          FAB=MAC$OBJECT_FAB,-
0674 170          MBC=20,-
0674 171          MBF=20
06B8 172 MAC$OBJECT_NAM::          ;NAM BLOCK FOR OBJECT FILE
06B8 173          $NAM          -
06B8 174          RLF=MAC$OBJPT_RLFNM,-          ;RELATED FILENAME BLOCK (FIRST INPUT FILE)
06B8 175          RSA=MAC$RES_NAM_BUF,-
06B8 176          ESA=MAC$RES_NAM_BUF,-
06B8 177          ESS=NAM$C_MAXRSS
0718 178
0718 179 MAC$LIST_FAB::          ;FAB FOR WRITING LISTING FILE
0718 180          $FAB          DNM=<.LIS> ,FAC=<PUT>,-
0718 181          RAT=<CR>,-
0718 182          FOP=<TEF, OFP>,-          ; TRUNCATE TO END OF FILE
0718 183          DEQ=80,-          ;DEFAULT EXTEND QUANTITY
0718 184          NAM=MAC$LIST_NAM
0768 185 MAC$LIST_RAB::
0768 186          $RAB          RBF=MAC$AB_LST_END,-
0768 187          FAB=MAC$LIST_FAB,-
0768 188          ROP=<WBH>,-
```

DECLARATIONS

```
0768 189 MBC=20,-
0768 190 MBF=20
07AC 191 MAC$LIST_NAM:: ;NAM BLOCK FOR LISTING FILE
07AC 192 $NAM -
07AC 193 RLF=MAC$LISTPT_RLFNM,- ;RELATED FILENAME BLOCK
07AC 194 RSA=MAC$RES_NAM_BUF,-
07AC 195 ESA=MAC$RES_NAM_BUF,-
07AC 196 ESS=NAM$C_MAXRSS
080C 197
080C 198 MAC$SYSLIB_MLF::
00000824 080C 199 .BLKB <MLF$K_BLKSIZ-NAM$C_BLN-MLF$K_RSFNLN>
0824 200 $NAM ; NAM block for system library
00000983 0884 201 .BLKB MLF$K_RSFNLN
0983 202 ;
0983 203 .ALIGN LONG
0984 204 ;
0984 205 MAC$SYSLIB_FNM:: ; System library file name descriptor
45 4C 52 41 54 53 0000098C'010E0000' 0984 206 .ASCID /STARLET/
54 0992
0993 207 ;
0993 208 MAC$SYSLIB_DFN:: ; Default Syatem library file name desc
49 4C 24 53 59 53 0000099B'010E0000' 0993 209 .ASCID /SYSS$LIBRARY:.MLB/
42 4C 4D 2E 3A 59 52 41 52 42 09A1
09AB 210 ;
09AB 211 MAC$MLB_DEFNAM:: ; Default name string for library files
42 4C 4D 2E 000009B3'010E0000' 09AB 212 .ASCID /.MLB/
09B7 213 ;
09B7 214 MAC$INP_DEFNAM:: ; Default name string for library files
52 41 4D 2E 000009BF'010E0000' 09B7 215 .ASCID /.MAR/
09C3 216 ;
09C3 217 .ALIGN LONG
09C4 218 ;
09C4 219 ; OUTPUT BUFFERS
09C4 220 ;
09C4 221 MAC$AB_OBJBUF::
00000B90 09C4 222 .BLKB OBJ$K_BUFSIZ-WARN_LIMIT ;BUFFER FOR WRITING OBJECT FILE
00000BC4 0B90 223 MAC$AB_OBJWRN::
00000BC6 0BC4 224 .BLKB WARN_LIMIT ;WARNING LIMIT
0BC6 225 .BLKB 2 ;PADDING
0BC6 226 ;
0BC6 227 ; DATA STRUCTURES NEEDED FOR LIB$FIND_FILE
0BC6 228 ;
0BC6 229 MAC$GL_STV_ADDR::
00000000 0BC6 230 .LONG 0 ;ADDRESS OF POSSIBLE RMS ERROR
0BCA 231
0BCA 232 MAC$GC_FFLAGS::
00000003 0BCA 233 .LONG 3 ;PERFORM MULTIPLE SEARCHLISTS
0BCE 234 ; AND "NO" WILDCARDING
0BCE 235
0BCE 236 MAC$GL_CONTEXT:: ;LISTING CONTEXT
00000000 0BCE 237 .LONG 0 ; FOR LIB$FIND_FILE(initialized)
0BD2 238
0BD2 239 MAC$GL_RESULT:: ;DESCR FOR STORAGE OF RESULTING FILENAME
0000 0BD2 240 .WORD 0 ;FOR LISTING AND OBJECT FILES
00' 0BD4 241 .BYTE DSC$K_DTYPE-T
00' 0BD5 242 .BYTE DSC$K_CLASS-S
00000BDA' 0BD6 243 .ADDRESS MAC$GC_RESADDR ;ADDRESS OF RESULTING FILENAME
```


MAC\$IODAT
V04-000

N 2

16-SEP-1984 01:53:09 VAX/VMS Macro V04-00
5-SEP-1984 01:48:40 [MACRO.SRC]IODAT.MAR;1

Page 6
(2)

DECLARATIONS

00000CD9 OBDA 244 MAC\$GL_RESADDR::
OBDA 245 .BLKB
OCD9 246
OCD9 247
OCD9 248 .END

255

;

MAC\$IODAT
Symbol table

B 3

16-SEP-1984 01:53:09 VAX/VMS Macro V04-00
5-SEP-1984 01:48:40 [MACRO.SRC] IODAT.MAR;1

Page 7
(2)

```

$$ .TAB          = 00000824 R    02
$$ .TABEND       = 00000884 R    02
$$ .TMP          = 00000000
$$ .TMPX         = 0000000E R    03
$$ .TMPX1        = 00000004
ARG$K_SIZE      = 000003E8
AUD$K_SIZE      = 00000010
BLNK            = 00000020
CHR$M_COMMA CR  = 00000020
CHR$M_ILL CHR   = 00000040
CHR$M_NUM_BER   = 00000010
CHR$M_SPA_MSK   = 00000001
CHR$M_SYM_CH1   = 00000008
CHR$M_SYM_CHR   = 00000004
CHR$M_SYM_DLM   = 00000002
CHR$V_COMMA CR  = 00000005
CHR$V_CVTLWC    = 00000061
CHR$V_ILL CHR   = 00000006
CHR$V_NOCVT     = 0000007F
CHR$V_NUM_BER   = 00000004
CHR$V_SPA_MSK   = 00000000
CHR$V_SYM_CH1   = 00000003
CHR$V_SYM_CHR   = 00000002
CHR$V_SYM_DLM   = 00000001
CR              = 0000000D
DSC$K_CLASS_S   = ***** X    02
DSC$K_DTYPE_T   = ***** X    02
FAB$B_DNS       = 00000035
FAB$B_FNS       = 00000034
FAB$C_BID       = 00000003
FAB$C_BLN       = 00000050
FAB$C_SEQ       = 00000000
FAB$C_VAR       = 00000002
FAB$S_ALQ       = 00000010
FAB$S_DNA       = 00000030
FAB$S_FNA       = 0000002C
FAB$S_FOP       = 00000004
FAB$V_CHAN_MODE = 00000002
FAB$V_CR        = 00000001
FAB$V_FILE_MODE = 00000004
FAB$V_LNM_MODE  = 00000000
FAB$V_OFFP      = 0000001D
FAB$V_PUT       = 00000000
FAB$V_TEF       = 0000001C
FAB$W_GBC       = 00000048
FF              = 0000000C
HASHSZ          = 0000007F
HYPHEN          = 0000002D
INP$K_BUFSIZ    = 000003E8
INT$K_BUFSIZ    = 000013F4
INT$K_BUFWRN    = 00001390
LST$K_BUFSIZ    = 00000086
LST$K_L_P_PAGE  = 0000003C
LST$K_TITLE_SIZ = 00000028
MAC$AB_LINEBF   = ***** X    02
MAC$AB_LST_END  = ***** X    02
MAC$AB_OBJBUF   = 000009C4 RG   02

```

```

MAC$AB_OBJWRN   = 00000B90 RG   02
MAC$GB_INPNAMLEN = 00000263 RG   02
MAC$GC_FFLAGS   = 00000BCA RG   02
MAC$GL_CONTEXT  = 00000BCE RG   02
MAC$GL_RESADDR  = 00000BDA RG   02
MAC$GL_RESULT    = 00000BD2 RG   02
MAC$GL_STV_ADDR  = 00000BC6 RG   02
MAC$INPUT_RAB   = 00000094 RG   02
MAC$INPUT_RLFNM = 00000104 RG   02
MAC$INPUT_XAB   = 000000D8 RG   02
MAC$INP_DEFNAM  = 000009B7 RG   02
MAC$INP_NAM_BUF = 00000164 RG   02
MAC$LISTPT_RLFNM = 00000264 RG   02
MAC$LIST_FAB    = 00000718 RG   02
MAC$LIST_NAM    = 000007AC RG   02
MAC$LIST_RAB    = 00000768 RG   02
MAC$LIST_NAM_BUF = 00000424 RG   02
MAC$MLB_DEFNAM  = 000009AB RG   02
MAC$OBJECT_FAB  = 00000624 RG   02
MAC$OBJECT_NAM  = 000006B8 RG   02
MAC$OBJECT_RAB  = 00000674 RG   02
MAC$OBJPT_RLFNM = 000002C4 RG   02
MAC$OBJ_NAM_BUF = 00000324 RG   02
MAC$RES_NAM_BUF = 00000524 RG   02
MAC$SYSCLIB_DFN = 00000993 RG   02
MAC$SYSCLIB_FNM = 00000984 RG   02
MAC$SYSCLIB_MLF = 0000080C RG   02
MAC$TERM_FAB    = 00000000 RG   02
MAC$TERM_RAB    = 00000050 RG   02
MAC SUBSYS      = 0000007D
MLF$K_BLKSIK    = 00000177
MLF$K_RSFLN     = 000000FF
MLF$S_CTINDEX   = 00000014
MLF$S_MCDEF     = 00000008
MLF$S_QLINK     = 00000000
MLF$S_FNAMDS    = 0000000C
MLF$S_FNAM      = 00000078
MLF$S_NAMBLK    = 00000018
NAM$B_ESS       = 0000000A
NAM$B_NOP       = 00000008
NAM$B_RSS       = 00000002
NAM$C_BID       = 00000002
NAM$C_BLN       = 00000060
NAM$C_MAXRSS    = 000000FF
NAM$S_ESA       = 0000000C
NAM$S_RSA       = 00000004
OBJ$K_BUFSIZ    = 00000200
RAB$B_RAC       = 0000001E
RAB$C_BID       = 00000001
RAB$C_BLN       = 00000044
RAB$C_SEQ       = 00000000
RAB$S_CTX       = 00000018
RAB$S_RAP       = 00000004
RAB$V_RAH       = 00000009
RAB$V_WBH       = 0000000A
RDX$V_BINARY    = 00000000
RDX$V_DECIMAL   = 00000002

```

MAC
V04

MAC\$IODAT
Symbol table

C 3

16-SEP-1984 01:53:09 VAX/VMS Macro V04-00
5-SEP-1984 01:48:40 LMACRO.SRC\$IODAT.MAR;1

Page 8
(2)

RDX\$V_DOUBLE = 00000005
RDX\$V_FLOAT = 00000004
RDX\$V_GFLOAT = 00000006
RDX\$V_HEX = 00000003
RDX\$V_HFLOAT = 00000007
RDX\$V_OCTAL = 00000001
REG\$_PC = 0000000F
SEMI = 0000003B
STB\$_PG_MISS = 0000000A
SYMS\$_MAXLEN = 0000001F
SYMS\$_TWOCOL = 00000010
TAB = 00000009
WARN_LIMIT = 00000034
XAB\$_DAT = 00000012
XAB\$_DATLEN = 0000002C
XAB\$_NXT = 00000004
XAB\$_EDT = 0000001C

+-----+
! 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\$\$	00000177 (375.)	01 (1.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE
MAC\$IODAT_DATA	00000CD9 (3289.)	02 (2.)	NOPIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC LONG
\$RMSNAM	00000012 (18.)	03 (3.)	NOPIC USR CON REL LCL NOSHR EXE RD WRT NOVEC BYTE

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

Phase	Page faults	CPU Time	Elapsed Time
Initialization	41	00:00:00.06	00:00:02.44
Command processing	146	00:00:00.39	00:00:04.70
Pass 1	238	00:00:05.05	00:00:25.73
Symbol table sort	0	00:00:00.47	00:00:01.68
Pass 2	60	00:00:00.93	00:00:04.07
Symbol table output	16	00:00:00.08	00:00:00.61
Psect synopsis output	3	00:00:00.02	00:00:00.53
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	506	00:00:07.00	00:00:39.77

The working set limit was 1350 pages.
35584 bytes (70 pages) of virtual memory were used to buffer the intermediate code.
There were 30 pages of symbol table space allocated to hold 588 non-local and 0 local symbols.
248 source lines were read in Pass 1, producing 18 object records in Pass 2.
24 pages of virtual memory were used to define 19 macros.

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

Macro library name

Macros defined

_ \$255\$DUA28:[MACRO.OBJ]MACRO.MLB;1
- \$255\$DUA28:[SYSLIB]STARLET.MLB;2
TOTALS (all libraries)

2
16
18

827 GETS were required to define 18 macros.

There were no errors, warnings or information messages.

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

0226 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY

