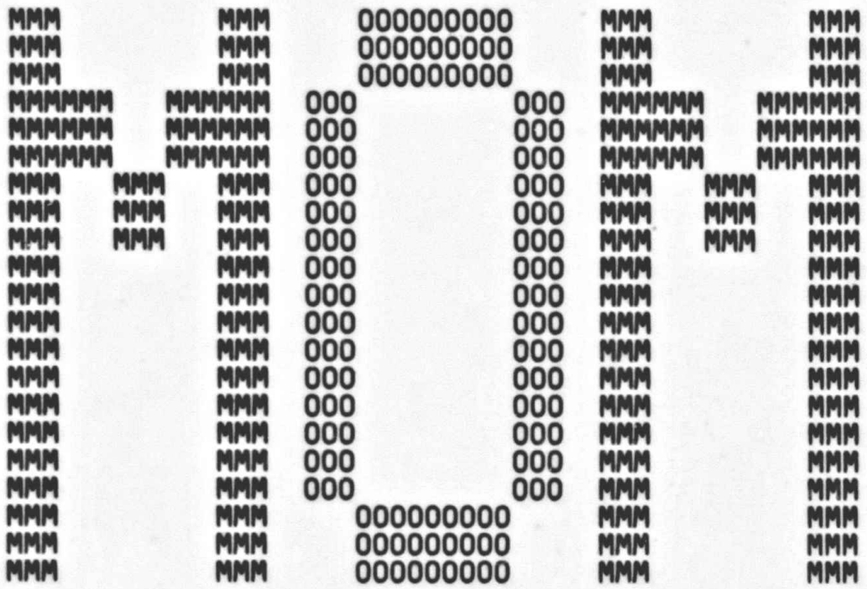
MMM MMM 000000000 MMM MMM
MMM MMM 000000000 MMM MMM
MMM MMM 000000000 MMM MMM
MMMMMM MMMMMM 000 000 MMMMMM MMMMMM
MMMMMM MMMMMM 000 000 MMMMMM MMMMMM
MMMMMM MMMMMM 000 000 MMMMMM MMMMMM
MMM MMM MMM 000 000 MMM MMM MMM
MMM MMM MMM 000 000 MMM MMM MMM
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MMM MMM 000 000 MMM MMM
MMM MMM 000000000 MMM MMM
MMM MMM 000000000 MMM MMM
MMM MMM 000000000 MMM MMM

```
MM      MM    000000    MM      MM  TTTTTTTTTT  EEEEEEEEEE    SSSSSSSS    SSSSSSSS  TTTTTTTTTT    AAAAAA
MM      MM    000000    MM      MM  TTTTTTTTTT  EEEEEEEEEE    SSSSSSSS    SSSSSSSS  TTTTTTTTTT    AAAAAA
MMMM  MMMM  OO      OO  MMMM  MMMM      TT      EE          SS          SS              TT      AA      AA
MMMM  MMMM  OO      OO  MMMM  MMMM      TT      EE          SS          SS              TT      AA      AA
MM  MM  MM  OO      OO  MM  MM  MM      TT      EE          SS          SS              TT      AA      AA
MM  MM  MM  OO      OO  MM  MM  MM      TT      EE          SS          SS              TT      AA      AA
MM      MM  OO      OO  MM      MM      TT      EEEEEEEE      SSSSSS      SSSSSS        TT      AA      AA
MM      MM  OO      OO  MM      MM      TT      EEEEEEEE      SSSSSS      SSSSSS        TT      AA      AA
MM      MM  OO      OO  MM      MM      TT      EE                  SS          SS      TT      AAAAAAAAAA
MM      MM  OO      OO  MM      MM      TT      EE                  SS          SS      TT      AAAAAAAAAA
MM      MM  OO      OO  MM      MM      TT      EE                  SS          SS      TT      AA      AA    ....
MM      MM  OO      OO  MM      MM      TT      EE                  SS          SS      TT      AA      AA    ....
MM      MM    000000    MM      MM      TT      EEEEEEEEEE  SSSSSSSS    SSSSSSSS      TT      AA      AA    ....
MM      MM    000000    MM      MM      TT      EEEEEEEEEE  SSSSSSSS    SSSSSSSS      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
LL                II              SS
LLLLLLLLLL      IIIIII    SSSSSSSS
LLLLLLLLLL      IIIIII    SSSSSSSS
```

Table of contents

```
0000     1          .TITLE  MOMTESTSTATES   TEST STATE TABLES
0000     2          .IDENT  'V04-000'
0000     3
0000     4
0000     5  ;
0000     6  ;*****************************************************************************
0000     7  ;*                                                                           *
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0000    25  ;*                                                                           *
0000    26  ;*                                                                           *
0000    27  ;*****************************************************************************
0000    28  ;
0000    29
0000    30  ;++
0000    31  ; FACILITY:  DECnet-VAX Network Management Maintenance Operations Module (MOM)
0000    32  ;
0000    33  ; ABSTRACT:
0000    34  ;       This module contains the NPARSE state tables for processing
0000    35  ;       the NCP LOOP LINE and LOOP NODE command message parameters.
0000    36  ;
0000    37  ; ENVIRONMENT:  VAX/VMS Operating System
0000    38  ;
0000    39  ; AUTHOR:  Kathy Perko
0000    40  ;
0000    41  ; CREATION DATE: 10-Jan-1982
0000    42  ;
0000    43  ; MODIFIED BY:
0000    44  ;
0000    45  ;--
0000    46
0000    47
0000    48
0000    49
0000    50  ;
0000    51  ; INCLUDE FILES:
0000    52  ;
0000    53
0000    54  $NMADEF                         ; Network Management Layer definitions
0000    55  $MOMDEF                         ; MOM definitions
```

```
0000     57          .SBTTL  MOM$NPA_TEST    Test state tables
0000     58
0000     59 ;+
0000     60 ; Parameter parsing table for LOOP NODE with access control specified.
0000     61 ;-
0000     62
0000     63          IMSG$   MOM$NPA_TEST_NODE_ACC
0000     64 ;
0000     65 ; Parse accounting information.
0000     66 ;
0000     67          FIELD$  MOM_TEST_NODACC
0000     68          $EOM    ,MOM_FOR_ERR                    ; Message format error
0000     69
0000     70          FIELD$  MOM_TEST_USER                   ; User id
0000     71          $IMAGE  39,MOM_TEST_PASSWRD,MOM$SAVEUSER
0000     72          $NULL   ,MOM_FOR_ERR
0000     73
0000     74          FIELD$  MOM_TEST_PASSWRD                        ; Password
0000     75          $IMAGE  39,MOM_TEST_ACCT,MOM$SAVEPASSWRD
0000     76          $NULL   ,MOM_FOR_ERR
0000     77
0000     78          FIELD$  MOM_TEST_ACCT                   ; Account
0000     79          $IMAGE  39,MOM_TEST_LOOP,MOM$SAVEACCT
0000     80          $NULL   ,MOM_FOR_ERR
0000     81
0000     82
0000     83
0000     84          IMSG$   MOM$NPA_TEST
0000     85 ;
0000     86 ; Parse loopback parameters.
0000     87 ;
0000     88          FIELD$  MOM_TEST_LOOP
0000     89          $SBEXP  MOM_TEST_LPC            ; Loop count
0000     90          $NEXT
0050     91
0050     92          FIELD$
0000     93          $SBEXP  MOM_TEST_LPL            ; Loop length
0000     94          $NEXT
0058     95
0058     96          FIELD$
0000     97          $SBEXP  MOM_TEST_LPD            ; Loop data
0000     98          $NEXT
0060     99
0060    100          FIELD$
0000    101          $EOM    ,NPA$_EXIT              ; End of message
0000    102          $MATCH  2,MOM_PTY_ERR           ; Unrecognized parameter error
0000    103          $NULL   ,MOM_FOR_ERR            ; Message format error
0000    104
0000    105
0000    106
0000    107          FIELD$  MOM_TEST_LPC                    ; Loop count
0000    108          $WORD   NMA$C_PCNO_LPC,MOM_WORD_SUB,,SVD$GK_PCNO_LPC,MOM$GL_SVD_INDEX
0000    109
0000    110          FIELD$  MOM_TEST_LPL                    ; Loop length
0000    111          $WORD   NMA$C_PCNO_LPL,MOM_WORD_SUB,,SVD$GK_PCNO_LPL,MOM$GL_SVD_INDEX
0000    112
0000    113          FIELD$  MOM_TEST_LPD                    ; Loop data type
```

```
                0000    114             $WORD   NMA$C_PCNO_LPD,MOM_BYTE_SUB,,SVD$GK_PCNO_LPD,MOM$GL_SVD_INDEX
                0000    115
                0000    116
```

```
0000    118 ;
0000    119 ; Common subexpressions.
0000    120 ;
0000    121         FIELD$  MOM_BYTE_SUB    ; Single byte parameter
0000    122         $MATCH  1,NPA$_EXIT,MOM$SAVE_PARAM
0000    123         $NULL   ,MOM_FOR_ERR    ; Format error
0000    124
0000    125         FIELD$  MOM_WORD_SUB    ; Word parameter
0000    126         $MATCH  2,NPA$_EXIT,MOM$SAVE_PARAM
0000    127         $NULL   ,MOM_FOR_ERR    ; Format error
0000    128
0000    129
0000    130 ;
0000    131 ; Error subexpressions.
0000    132 ;
0000    133         FIELD$  MOM_CMP_ERR             ; Unrecognized component error
0000    134         $ERROR  ,,MOM$PARSE_ERROR,,,NMA$C_STS_CMP
0000    135
0000    136         FIELD$  MOM_PTY_ERR             ; Parameter type error
0000    137         $ERROR  ,,MOM$PARSE_ERROR,,,NMA$C_STS_PTY
0000    138
0000    139         FIELD$  MOM_FOR_ERR             ; Message format error
0000    140         $ERROR  ,,MOM$PARSE_ERROR,,,NMA$C_STS_SIZ
0000    141         FIELD$                          ; End test states
0000    142
0000    143         .END
```

```
FLG$$$                          = FFFFFFFF
MOM$GL_SVD_INDEX                  ********    X   03
MOM$NPA_TEST                      00000048 RG     03
MOM$NPA_TEST_NODE_ACC             00000000 RG     03
MOM$PARSE_ERROR                   ********    X   03
MOM$SAVEACCT                      ********    X   03
MOM$SAVEPASSWRD                   ********    X   03
MOM$SAVEUSER                      ********    X   03
MOM$SAVE_PARAM                    ********    X   03
MOM_BYTE_SUB                      000000B8 R      03
MOM_CMP_ERR                       000000E8 R      03
MOM_FOR_ERR                       00000110 R      03
MOM_PTY_ERR                       000000FC R      03
MOM_TEST_ACCT                     00000038 R      03
MOM_TEST_LOOP                     00000048 R      03
MOM_TEST_LPC                      0000007C R      03
MOM_TEST_LPD                      000000A4 R      03
MOM_TEST_LPL                      00000090 R      03
MOM_TEST_NODACC                   00000000 R      03
MOM_TEST_PASSWRD                  00000020 R      03
MOM_TEST_USER                     00000008 R      03
MOM_WORD_SUB                      000000D0 R      03
NMA$C_PCNO_LPC                  = 00000096
NMA$C_PCNO_LPD                  = 00000098
NMA$C_PCNO_LPL                  = 00000097
NMA$C_STS_CMP                   = FFFFFFF8
NMA$C_STS_PTY                   = FFFFFFFA
NMA$C_STS_SIZ                   = FFFFFFFC
NPA$M_ACTION                    = 00000004
NPA$M_EXT                       = 00000001
NPA$M_LAST                      = 00008000
NPA$M_MASK                      = 00000010
NPA$M_MSKADR                    = 00000020
NPA$M_OFFSET                    = 00000040
NPA$M_PARAM                     = 00000002
NPA$M_STATE                     = 00000008
NPA$_ADVANCE                    = 00000001
NPA$_BYTE                       = 00000003
NPA$_EOM                        = 00000004
NPA$_ERROR                      = 00000007
NPA$_EXIT                       = 00000000
NPA$_EXTZV                      = 0000000A
NPA$_FAIL                       = FFFFFFFF
NPA$_IMAGE                      = 00000000
NPA$_LOOK                       = 00000009
NPA$_MASK                       = 00000002
NPA$_MATCH                      = 00000008
NPA$_NULL                       = 00000005
NPA$_SBEXP                      = 00000004
NPA$_WORD                       = 00000001
NXT$$$                          = 00000000
SVD$GK_PCNO_LPC                   ********    X   03
SVD$GK_PCNO_LPD                   ********    X   03
SVD$GK_PCNO_LPL                   ********    X   03
```

Psect synopsis

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
. BLANK .	00000000 (0.)	01 (1.)	NOPIC USR CON REL LCL NOSHR EXE RD WRT NOVEC BYTE
ABS	00000000 (0.)	02 (2.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE
NPA$STATE	00000124 (292.)	03 (3.)	NOPIC USR CON REL LCL NOSHR NOEXE RD NOWRT NOVEC BYTE

Performance indicators

Phase	Page faults	CPU Time	Elapsed Time
Initialization	31	00:00:00.12	00:00:00.47
Command processing	120	00:00:00.90	00:00:05.60
Pass 1	367	00:00:12.07	00:00:32.17
Symbol table sort	0	00:00:01.34	00:00:02.02
Pass 2	42	00:00:01.90	00:00:04.65
Symbol table output	7	00:00:00.09	00:00:00.23
Psect synopsis output	3	00:00:00.03	00:00:00.10
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	572	00:00:16.45	00:00:45.24

The working set limit was 1500 pages.
61709 bytes (121 pages) of virtual memory were used to buffer the intermediate code.
There were 60 pages of symbol table space allocated to hold 966 non-local and 0 local symbols.
143 source lines were read in Pass 1, producing 16 object records in Pass 2.
31 pages of virtual memory were used to define 28 macros.

Macro library statistics

Macro library name	Macros defined
_255DUA28:[SHRLIB]NMALIBRY.MLB;1	1
_255DUA28:[SYS.OBJ]LIB.MLB;1	0
_255DUA28:[MOM.OBJ]MOMLIB.MLB;1	14
_255DUA28:[SYSLIB]STARLET.MLB;2	3
TOTALS (all libraries)	18

1193 GETS were required to define 18 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS$:MOMTESSTA/OBJ=OBJ$:MOMTESSTA MSRC$:MOMTESSTA/UPDATE=(ENH$:MOMTESSTA)+LIB$:MOMLIB/LIB+EXECML$/LIB+SHRLIB$:NMALIBRY/LIB

MOMMSG
LIS

MOMMAIN
LIS

MOMPARSE
LIS

MOMSERSTA
LIS

MOMMOPSTA
LIS

MOMSERVIC
LIS

MOMMOPLIO
LIS

MOMTESSTA
LIS

MOMRSXDEF
LIS

MOMSUBS
LIS

0239 AH-BT13A-SE
VAX/VMS V4.0

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LIS

MONTOR

MONITOR
MAP

DSPDEF
MDL