

!A

*** End of Pass 1

*** End of Pass 2

```

0800          1          ttl "Manage Init Values, MNGVALS.L"
0800          2          ;
0800          3          ;
0800          4          ; MNGVALS.L
0800          5          ;
0800          6          ;
0800          7          enz
0800          8          ;
0000          9  ZERO      equ $00
008D         10  RETURN    equ $8D
00FF         11  NEGONE    equ $FF
0800         12          ;
000D         13  LINECNT   equ $0D
0800         14          ;
BFF4         15  MNGVALS   equ $BFF4
0800         16          ;
C000         17  KEY       equ $C000
C010         18  CLRKEY    equ $C010
0800         19          ;
F941         20  PRNTAX    equ $F941
FD8E         21  CROUT     equ $FD8E
FDDA         22  PRBYTE    equ $FDDA
FDED         23  COUT      equ $FDED
0800         24          ;
0800         25          ;
0900         26          org $900
0900         27          obj $900
0900         28          usr
0900         29          ;
0900         30          ;
0900 A0 00     31          ldy #MSG1-MESGS
0902 20 53 09  32          jsr PRTMSG
0905         33          ;
0905 20 19 09  34          jsr SHOWMNG
0908         35          ;
0908 A0 27     36          ldy #MSG2-MESGS
090A 20 53 09  37          jsr PRTMSG
090D         38          ;
090D AD 74 09  39          lda INDEX
0910 20 DA FD   40          jsr PRBYTE
0913         41          ;
0913 A0 48     42          ldy #MSG3-MESGS
0915 20 53 09  43          jsr PRTMSG
0918         44          ;
0918 60        45          rts
0919         46          ;
0919         47          ;
0919 A9 00     48  SHOWMNG  lda #ZERO
091B 8D 74 09  49          sta INDEX
091E         50          ;
091E A9 0D     51          lda #LINECNT
0920 8D 73 09  52          sta COUNT
0923         53          ;
0923 AC 74 09  54  ^1      ldy INDEX
0926         55          ;
0926 20 6C 09  56          jsr GETVALS
0929 B0 11     57          bcs >2
092B         58          ;
092B 48        59          pha
092C         60          ;

```

```

092C 8A          61          txa
092D            62          ;
092D 20 3D 09    63          jsr SHOWBYTE
0930            64          ;
0930 68          65          pla
0931            66          ;
0931 20 3D 09    67          jsr SHOWBYTE
0934            68          ;
0934 EE 74 09    69          inc INDEX
0937 EE 74 09    70          inc INDEX
093A            71          ;
093A D0 E7       72          bne <1
093C            73          ;
093C 60          74          ^2      rts
093D            75          ;
093D            76          ;
093D 20 DA FD    77          SHOWBYTE jsr PRBYTE
0940            78          ;
0940 A9 A0        79          lda #" "
0942 20 ED FD    80          jsr COUT
0945            81          ;
0945 CE 73 09    82          dec COUNT
0948 D0 08       83          bne >1
094A            84          ;
094A A9 0D        85          lda #LINECNT
094C 8D 73 09    86          sta COUNT
094F            87          ;
094F 20 8E FD    88          jsr CROUT
0952            89          ;
0952 60          90          ^1      rts
0953            91          ;
0953            92          ;
0953 B9 75 09    93          PRTMSG  lda MESGS,Y
0956 F0 06       94          beq >1
0958            95          ;
0958 20 ED FD    96          jsr COUT
095B            97          ;
095B C8          98          iny
095C D0 F5       99          bne PRTMSG
095E            100         ;
095E 60          101         ^1      rts
095F            102         ;
095F            103         ;
095F 2C 10 C0    104         GETKEY  bit CLRKEY
0962            105         ;
0962 AD 00 C0    106         ^1      lda KEY
0965            107         ;
0965 EA          108         nop
0966            109         ;
0966 10 FA       110         bpl <1
0968            111         ;
0968 2C 10 C0    112         bit CLRKEY
096B            113         ;
096B 60          114         rts
096C            115         ;
096C            116         ;
096C            117         ; Doing a BIT on the JMP instruction sets the V-flag.
096C            118         ;
096C 2C 70 09    119         GETVALS bit SETVFLAG
096F 18          120         clc
0970            121         ;

```

```
0970 6C F4 BF    122  SETVFLAG jmp (MNGVALS)
0973              123  ;
0973              124  ;
0973              125  COUNT      dfs 1,ZERO
0974              126  INDEX      dfs 1,ZERO
0975              127  ;
0975              128  ;
0975              129  MESGS:
0975              130  ;
0975 8D 8D        131  MSG1      byt RETURN,RETURN
0977 C3 EF EE    132          asc "Contents of CMDVALS using MNGVALS:"
097A F4 E5 EE
097D F4 F3 A0
0980 EF E6 A0
0983 C3 CD C4
0986 D6 C1 CC
0989 D3 A0 F5
098C F3 E9 EE
098F E7 A0 CD
0992 CE C7 D6
0995 C1 CC D3
0998 BA
0999 8D 8D 00    133          byt RETURN,RETURN,ZERO
099C              134  ;
099C 8D 8D        135  MSG2      byt RETURN,RETURN
099E CE F5 ED    136          asc "Number of values returned:  0x"
09A1 E2 E5 F2
09A4 A0 EF E6
09A7 A0 F6 E1
09AA EC F5 E5
09AD F3 A0 F2
09B0 E5 F4 F5
09B3 F2 EE E5
09B6 E4 BA A0
09B9 A0 B0 F8
09BC 00          137          byt ZERO
09BD              138  ;
09BD 8D 8D        139  MSG3      byt RETURN,RETURN
09BF CD E1 EE    140          asc "Manage CMDVALS completed."
09C2 E1 E7 E5
09C5 A0 C3 CD
09C8 C4 D6 C1
09CB CC D3 A0
09CE E3 EF ED
09D1 F0 EC E5
09D4 F4 E5 E4
09D7 AE
09D8 8D 8D 00    141          byt RETURN,RETURN,ZERO
09DB              142  ;
09DB              143  ;

BSAVE MNGVALS,A$0900,B,L$00DB

09DB              144          usr MNGVALS
09DB              145  ;
09DB              146  ;
09DB              147          end 111
```

*** End of Assembly

Symbol List starts at 0x7800, ends at 0x78FA, used 0x00FA, remaining 0x3EF2

Symbols unsorted:

ZERO	0000	RETURN	008D	NEGONE	00FF	LINECNT	000D	MNGVALS	BFF4
KEY	C000	CLRKEY	C010	PRNTAX	F941	CROUT	FD8E	PRBYTE	FDDA
COUT	FDED	SHOWMNG	0919	SHOWBYTE	093D	PRTMSG	0953	GETKEY	095F
GETVALS	096C	SETVFLAG	0970	COUNT	0973	INDEX	0974	MESGS	0975
MESG1	0975	MESG2	099C	MESG3	09BD				

Symbols alphabetically sorted:

CLRKEY	C010	COUNT	0973	COUT	FDED	CROUT	FD8E	GETKEY	095F
GETVALS	096C	INDEX	0974	KEY	C000	LINECNT	000D	MESG1	0975
MESG2	099C	MESG3	09BD	MESGS	0975	MNGVALS	BFF4	NEGONE	00FF
PRBYTE	FDDA	PRNTAX	F941	PRTMSG	0953	RETURN	008D	SETVFLAG	0970
SHOWBYTE	093D	SHOWMNG	0919	ZERO	0000				

Symbols numerically sorted:

ZERO	0000	LINECNT	000D	RETURN	008D	NEGONE	00FF	SHOWMNG	0919
SHOWBYTE	093D	PRTMSG	0953	GETKEY	095F	GETVALS	096C	SETVFLAG	0970
COUNT	0973	INDEX	0974	MESGS	0975	MESG1	0975	MESG2	099C
MESG3	09BD	MNGVALS	BFF4	KEY	C000	CLRKEY	C010	PRNTAX	F941
CROUT	FD8E	PRBYTE	FDDA	COUT	FDED				