

```

10 0000 ;*****
20 0000 ;
30 0000 ;       NESTAR TEXT EDITOR
40 0000 ;
50 0000 ;       *** SYMBOLS ***
60 0000 ;
70 0000 ;       COPYRIGHT NESTAR SYSTEMS, INC
80 0000 ;       1979, 1980
90 0000 ;       AUTHORS: LEONARD SHUSTEK
100 0000 ;       : JAMES A. HINDS
110 0000 ;
120 0000 ;*****
130 0000 ;
140 0000 ;       SYMBOL TABLE DEFINITIONS
150 0000 ;
160 0000 ;*****
170 0000 ;
180 0000 ;       PAGE ZERO RAM
190 0000 ;
200 0023 ;       *=$23
210 0025 IPTR  *=*+2 IN-LINE PARM PTR
220 0027 GPTR  *=*+2 SCAN RTNS TEMP
230 0029 NXTCHR *=*+2 AVAIL CHAR OF TEXT
240 0029 ;
250 002B STEXT *=*+2 START OF TEXT BUFFER
260 002D ETEXT *=*+2 CURRENT END OF TEXT BUFFER
270 002F ZTEXT *=*+2 END OF TEXT BUFFER
280 0031 BPTR  *=*+2 BLOCK START
290 0033 LPTR  *=*+2 CURRENT LINE
300 0035 ZTEMP *=*+2 ZEROPAGE TEMP
310 0037 CTEMP1 *=*+2 "COPY" TEMP
320 0039 CTEMP2 *=*+2 "COPY" TEMP
330 003B CTEMP3 *=*+2 "COPY" TEMP
340 003B PSTR  *=*   "FIND"TEMP (SHARE WITH ABOVE)
350 003D GLEN  *=*+2 GAP LENGTH AND TEMP PTR
360 003D ;
370 003D ;       NON PAGE ZERO RAM
380 003D ;
390 0270 ;       *=$270
400 0272 NLOW  *=*+2 LOW NUMBER OF RANGE
410 0274 NHIGH *=*+2 HIGH NUMBER OF RANGE
420 0275 NCNT  *=*+1 NUMBER OF LINES (0=INFINITY)
430 0275 ;
440 0276 LISFLG *=*+1 0=NOLIST,1=LIST
450 0277 MOVFLG *=*+1 0=COPY,1=MOVE
460 0278 FCNT  *=*+1 COUNT OF FOUND LINES, WINDOW TEMP
470 0278 ;
480 027A AUTCUR *=*+2 CURRENT AUTO NUMBER
490 027C AUTINC *=*+2 AUTO INCREMENT
500 027D INSLN *=*+1 LENGTH OF INSERTED LINE
510 027E DELIM  *=*+1 STRING DELIMITER
520 0280 RENCUR *=*+2 CURRENT RENUMBER VALUE
530 0282 RENINC *=*+2 RENUMBER INCREMENT
540 02D3 LBUF  *=*+81 PRINT BUFFER
550 0324 INBUF *=*+81 INPUT BUFFER
560 0324 MFSTR  =32      MAX STRING SIZE
570 0345 FSTR  *=*+MFSTR+1 SEARCH STRING
580 0366 CSTR  *=*+MFSTR+1 CHANGE STRING
590 0367 CHLEN *=*+1      LENGTH TO CHANGE
600 0368 CASE  *=*+1 KEYBOARD CASE FLAG ($80)
610 0369 CCSTAT *=*+1 CONTROL CHARACTER STATUS
620 0371 TABS  *=*+1 TAB POSITIONS

```

```

630 0371 ;
640 0371 ; ALIGN/JUSTIFY COMMAND VARIABLES
650 0371 ;
660 0372 ALLEN **+1 LENGTH OF WORD
670 0373 ALCR **+1 CR FLAG
680 0374 ALCNT **+1 REPEAT COUNT
690 0375 ALWID **+1 WIDTH
700 0376 ALSIZ **+1 SIZE OF CURRENT LINE
710 037A ALSAV **+4 SAVE AREA FOR PTRS
720 037B ALLCHR **+1 LAST CHAR MOVED
730 037B ;
740 037B ;
750 037B ; JUMP VECTOR
760 037B ;
770 037B B =$7000
780 7000 *=B
790 7003 START **+3 INITIALIZE AND GO
800 7003 ;
810 7003 ; SCAN ROUTINES
820 7003 ;
830 7006 SCAN **+3 SCAN FOR LITERAL
840 7009 NUMBER **+3 SCAN FOR DECIMAL INTEGER
850 700C CMDEND **+3 <>0 IF END OF COMMAND
860 700F RDLINE **+3 FILL INPUT BUFFER WITH COMMAND
870 7012 PACK **+3 CRUNCH TEXT
880 7015 UNPACK **+3 EXPAND TEXT
890 7018 ERRENT **+3 PROCESS ERROR MSG & DISPLAY SCAN PTR
900 701B ER2ENT **+3 PROCESS ERROR MSG
910 701E RETURN **+3 RETURN TO IN-LINE PROCESSING
920 7021 PRINTA **+3 PRINT AN ASCII CHARACTER
930 7021 ;
940 7021 ; EDITOR ROUTINES
950 7021 ;
960 7024 COMMAN **+3 REQUEST AND PROCESS A COMMAND
970 7024 ;
980 7027 JRANGE **+3 PARSE A <RANGE>
990 702A JNUMDT **+3 PARSE <NUMDOT>
1000 702D JENDCM **+3 CHECK FOR END OF COMMAND
1010 7030 JPNT1 **+3 FIRST LINE OF RANGE
1020 7033 JRANXT **+3 NEXT LINE OF RANGE
1030 7036 JNXTLN **+3 NEXTLINE
1040 7039 JPRVLN **+3 PREVLIN
1050 703C JENDCK **+3 CHECK FOR END OF TEXT
1060 703F JCHKCR **+3 CHECK FOR CR
1070 7042 JINSCK **+3 INSERT CHECK
1080 7045 JGOPEN **+3 OPEN A GAP
1090 7048 JGCLOS **+3 CLOSE A GAP
1100 704B JDELIN **+3 DELETE A LINE
1110 704E JINSLN **+3 INSERT A LINE
1120 7051 JPRCUR **+3 PRINT CURRENT LINE
1130 7054 JERVOI **+3 "VOID RANGE" ERROR
1140 7057 JERLEX **+3 "LINE EXISTS" ERROR
1150 705A JEROP **+3 "BAD OPERAND" ERROR
1160 705D JGETNM **+3 SCAN NUMBER
1170 7060 JSETAB **+3 SET TABS COMMAND
1180 7063 JFIND **+3 FIND COMMAND
1190 7066 JRENUM **+3 RENUMBER COMMAND
1200 7069 JWINDO **+3 WINDOW COMMAND
1210 706C JCOPY **+3 COPY COMMAND
1220 706F JCHNGE **+3 CHANGE COMMAND
1230 7072 JMOVE **+3 MOVE COMMAND
1240 7075 **+3
1250 7078 **+3
1260 707B **+3
1270 707B ;
1280 707B ;
1290 707B ;
1300 707B ;
1310 707B ;
1320 707B ;
1330 707B ;
1340 707B ;
1350 707B ;
1360 707B ;
1370 707B ;
1380 707B ;
1390 707B ;
1400 707B ;
1410 707B ;
1420 707B ;
1430 707B ;
1440 707B ;
1450 707B ;
1460 707B ;
1470 707B ;
1480 707B ;
1490 707B ;
1500 707B ;
1510 707B ;
1520 707B ;
1530 707B ;
1540 707B ;
1550 707B ;
1560 707B ;
1570 707B ;
1580 707B ;
1590 707B ;
1600 707B ;
1610 707B ;
1620 707B ;
1630 707B ;
1640 707B ;
1650 707B ;
1660 707B ;
1670 707B ;
1680 707B ;
1690 707B ;
1700 707B ;
1710 707B ;
1720 707B ;
1730 707B ;
1740 707B ;
1750 707B ;
1760 707B ;
1770 707B ;
1780 707B ;
1790 707B ;
1800 707B ;
1810 707B ;
1820 707B ;
1830 707B ;
1840 707B ;
1850 707B ;
1860 707B ;
1870 707B ;
1880 707B ;
1890 707B ;
1900 707B ;
1910 707B ;
1920 707B ;
1930 707B ;
1940 707B ;
1950 707B ;
1960 707B ;
1970 707B ;
1980 707B ;
1990 707B ;
2000 707B ;

```

1290 7A7B
1300 7A7B
1310 7A7B
1320 7A7B
1330 7A7B

BSCAN = \$7000
BMAIN **+\$680
BAUX ***

BSCAN RTNS
MAIN RTNS
AUX RTNS

; TEXTB =\$1600
TEXTE =\$6FFF

START OF TEXT BUFFER
END OF TEXT BUFFER