

!A

*** End of Pass 1

*** End of Pass 2

```
0800          1          ttl "SOURCEROR Loader Source Code, LOADSRCRR.L"
0800          2          ;
0800          3          ;
0800          4          ; LOADSRCRR.L
0800          5          ;
0800          6          ;
0800          7          ; SOURCEROR Loader Source Code (EPROM)
0800          8          ;
0800          9          ; 2024 February 14
0800         10          ;
0800         11          ;
0800         12          ; DOS 4.5, Build 06
0800         13          ;
0800         14          ; 2024 February 14
0800         15          ;
0800         16          ;
0800         17          ; Start of Source Code: 0x4000
0800         18          ; Start of Symbol List: 0x7800
0800         19          ;
0800         20          ;
0800         21          ; Copyright (c) 2024 February 14 by
0800         22          ; Walland Philip Vrbancic Jr
0800         23          ;
0800         24          ; 6223 East Peabody Street
0800         25          ; Long Beach, California 90808
0800         26          ; Unitied States of America
0800         27          ;
0800         28          ; All Rights Reserved
0800         29          ;
0800         30          ; This software is the confidential and
0800         31          ; proprietary intellectual property of
0800         32          ; Walland Philip Vrbancic Jr
0800         33          ;
0800         34          ;
0800         35          ; This program loads the DOS 4.5 version of SOURCEROR from
0800         36          ; EPROM into Main memory.
0800         37          ;
0800         38          ;
0800         39          enz
0800         40          ;
0000         41          ZERO      equ $00
0087         42          BELL      equ $87
008D         43          RETURN    equ $8D
00FF         44          NEGONE    equ $FF
0800         45          ;
0001         46          LOADCMD   equ $01
0070         47          SRCHALL   equ $70
0800         48          ;
03D0         49          DOSWARM   equ $3D0
03EA         50          HOOKDOS   equ $3EA
0800         51          ;
AC00         52          START     equ $AC00
0800         53          ;
FC58         54          HOME      equ $FC58
FD8E         55          CROUT     equ $FD8E
FD8E         56          PRBYTE    equ $FD8E
FD8E         57          COUT      equ $FD8E
0800         58          ;
0800         59          ;
0300         60          org $300
```

```

0300          61          obj $300
0300          62          usr
0300          63          ;
0300          64          ;
0300          65          ; QL puts address of QLBINEOS in Y and A registers.
0300          66          ;
0300 8C 3C 03      67          sty QLBINJMP+1
0303 8D 3D 03      68          sta QLBINJMP+2
0306          69          ;
0306 20 58 FC      70          jsr HOME
0309 20 EA 03      71          jsr HOOKDOS
030C          72          ;
030C          73          ;
030C          74          ; Load SOURCEROR into Main memory.
030C          75          ;
030C A0 3E        76          ldy #EOSDCB
030E A9 03        77          lda /EOSDCB
0310          78          ;
0310 20 3B 03      79          jsr QLBINJMP
0313          80          ;
0313 AD 42 03      81          lda DCBSTAT
0316 D0 03        82          bne ERROR
0318          83          ;
0318 4C 00 AC      84          jmp START
031B          85          ;
031B          86          ;
031B A0 00        87 ERROR   ldy #MESG1-MESGS
031D 20 2F 03      88          jsr PRTMESG
0320          89          ;
0320 AD 42 03      90          lda DCBSTAT
0323 20 DA FD      91          jsr PRBYTE
0326          92          ;
0326 20 8E FD      93          jsr CROUT
0329 20 8E FD      94          jsr CROUT
032C          95          ;
032C 4C D0 03      96          jmp DOSWARM
032F          97          ;
032F          98          ;
032F B9 4F 03      99 PRTMESG  lda MESGS,Y
0332 F0 06        100          beq >1
0334          101          ;
0334 20 ED FD      102          jsr COUT
0337          103          ;
0337 C8           104          iny
0338 D0 F5        105          bne PRTMESG
033A          106          ;
033A 60           107 ^1      rts
033B          108          ;
033B          109          ;
033B 4C 00 00     110 QLBINJMP jmp *-*          ; QLBINEOS
033E          111          ;
033E          112          ;
033E          113 EOSDCB:
033E          114          ;
033E 01           115 DCBCMD   byt LOADCMD
033F 70           116 DCBEP    byt SRCHALL
0340 00 00       117 DCBALT   adr *-*          ; START
0342 FF         118 DCBSTAT  byt NEGONE
0343 09         119 DCBLEN   byt FILELEN
0344 46 03      120 DCBADR   adr FILENAM
0346          121          ;

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```
0346 D3 EF F5      122  FILENAM  asc "Sourceror"
0349 F2 E3 E5
034C F2 EF F2
0009              123  FILELEN  equ *-FILENAM
034F              124  ;
034F              125  ;
034F              126  MESSAGES:
034F              127  ;
034F 8D 87 8D      128  MSG1     byt RETURN,BELL,RETURN
0352 D5 EE E1      129          asc "Unable to load SOURCEROR DCB."
0355 E2 EC E5
0358 A0 F4 EF
035B A0 EC EF
035E E1 E4 A0
0361 D3 CF D5
0364 D2 C3 C5
0367 D2 CF D2
036A A0 C4 C3
036D C2 AE
036F 8D 8D          130          byt RETURN,RETURN
0371 C4 C3 C2      131          asc "DCB returned error 0x"
0374 A0 F2 E5
0377 F4 F5 F2
037A EE E5 E4
037D A0 E5 F2
0380 F2 EF F2
0383 A0 B0 F8
0386 00              132          byt ZERO
0387              133  ;
0387              134  ;

BSAVE LOADSRCRR,D1,A$0300,B,L$0087

0387              135          usr LOADSRCRR,D1
0387              136  ;
0387              137  ;
CD D2

0387              138          dcm "CD D2"
0387              139  ;
0387              140  ;
0387              141          stt "LOADSRCRR Symbol Table"
0387              142  ;
0387              143  ;
0387              144          end 111

*** End of Assembly
```

Symbol List starts at 0x7800, ends at 0x7922, used 0x0122, remaining 0x3E8A

Symbols unsorted:

ZERO	0000	BELL	0087	RETURN	008D	NEGONE	00FF	LOADCMD	0001
SRCHALL	0070	DOSWARM	03D0	HOOKDOS	03EA	START	AC00	HOME	FC58
CROUT	FD8E	PRBYTE	FDDA	COUT	FDED	ERROR	031B	PRTMSG	032F
QLBINJMP	033B	EOSDCB	033E	DCBCMD	033E	DCBEP	033F	DCBALT	0340
DCBSTAT	0342	DCBLEN	0343	DCBADR	0344	FILENAM	0346	FILELEN	0009
MESGS	034F	MESG1	034F						

Symbols alphabetically sorted:

BELL	0087	COUT	FDED	CROUT	FD8E	DCBADR	0344	DCBALT	0340
DCBCMD	033E	DCBEP	033F	DCBLEN	0343	DCBSTAT	0342	DOSWARM	03D0
EOSDCB	033E	ERROR	031B	FILELEN	0009	FILENAM	0346	HOME	FC58
HOOKDOS	03EA	LOADCMD	0001	MESG1	034F	MESGS	034F	NEGONE	00FF
PRBYTE	FDDA	PRTMSG	032F	QLBINJMP	033B	RETURN	008D	SRCHALL	0070
START	AC00	ZERO	0000						

Symbols numerically sorted:

ZERO	0000	LOADCMD	0001	FILELEN	0009	SRCHALL	0070	BELL	0087
RETURN	008D	NEGONE	00FF	ERROR	031B	PRTMSG	032F	QLBINJMP	033B
EOSDCB	033E	DCBCMD	033E	DCBEP	033F	DCBALT	0340	DCBSTAT	0342
DCBLEN	0343	DCBADR	0344	FILENAM	0346	MESGS	034F	MESG1	034F
DOSWARM	03D0	HOOKDOS	03EA	START	AC00	HOME	FC58	CROUT	FD8E
PRBYTE	FDDA	COUT	FDED						