Atari Translator, Version 1, Side B

The document itself begins on the next page.

Document source:

Original backup tapes owned by Dutchman2000, obtained by Atarimania.
Documentary research and PDF layout by Laurent Delsarte.
Note that these backup tapes contain A LOT of information spread out in many folders, meaning it will take time to process the important bits.

Document identification:

Original file name:	XLSIDEB.PRT
Title of document:	Atari Translator, Version 1, Side B
Author(s):	Joe MILLER (Joseph B. MILLER III) & Greg RIKER
Original file date:	1983-09-20
Type of document:	Software, commented source code
Target audience:	Internal
Status:	Ready
Reference (Atari):	(unknown)
Reference (Laurent Delsarte):	For any discussion, this PDF has been given the reference **BKUP-1983-09-20-SOFT-0002A-9** which should be quoted in any communication.
Tags:	#Atari #8bit #6502 #400 #800 #1200XL #800XL #OS #REV.A #REV.B #REV.10 #REV.11 #REV.1 #REV.2 #NTSC #Translator

Comments:

This is the printout of the original source code, fully commented.
What makes this document so interesting are all these valuable comments, describing the initial features of this NTSC version.
Produced with ATARI CAMAC Assembler.

This page intentionally left blank

Atari Translator, Version 1, Side B

```
               ATARI CAMAC Assembler Ver  1.0A  Page   1
The ATARI Translator  --------------------          D1:XLATOR.ASM
Program Identification and Revision History

0000                ;       ================================================================
                    ;
                    ;       ATARI Translator
                    ;
                    ;       Version 1
                    ;       September 20, 1983
                    ;
                    ;       This auto-booting diskette installs an ATARI 800 Operating
                    ;       System (Revision B) in RAM "under" the ROM-based O.S. in
                    ;       an XL-line computer.  It exists to allow consumers to run
                    ;       most 3rd party software which would otherwise fail to exe-
                    ;       cute on the XL computers due to "violations" of the rules
                    ;       for proper Operating System usage.  It is NOT meant to en-
                    ;       courage continued disregard for the stated O.S. guidelines
                    ;       by independent software vendors.
                    ;
                    ;       Once this disk has been loaded, the user is prompted to
                    ;       remove it and insert the application diskette (or cassette)
                    ;       and press the [SELECT] key.  When this occurs the system
                    ;       undertakes a COLD START in the new, RAM-based O.S. envir-
                    ;       onment.  For all intents and purposes, the machine should
                    ;       then look exactly like an ATARI 800 (with the few caveats
                    ;       outlined below) and the program should boot and run fine.
                    ;
                    ;       In order to properly service a [RESET]-triggered WARM START,
                    ;       the RAM-based O.S. has been modified to continually "watch"
                    ;       the contents of the DOSINI vector.  When/if the application
                    ;       sets this vector the O.S. saves the contents and steals it
                    ;       back so that it always points to some code which re-enables
                    ;       the soft O.S. upon [RESET].  A normal WARM START is then
                    ;       processed by the soft O.S.  This [RESET] key handling only
                    ;       works for applications which do not themselves jump through
                    ;       DOSINI.  Side 'B' of the TRANSLATOR diskette has been config-
                    ;       ured to allow programs of this class (ie. any which boot the
                    ;       850 Interface Module) to run properly.  However, in this case
                    ;       the [RESET] key will not reselect the RAM-based O.S.
                    ;
                    ;       The Translator assumes the following conditions for proper
                    ;       operation:
                    ;
                    ;          +  64K RAM system  (ie. 600XL w/expansion module)
                    ;          +  The application does not write to PORTB ($D301)
                    ;          +  IRQs and NMIs are not permanently disabled by the
                    ;             application  (or [RESET] may not function correctly)
                    ;          +  On a 1450XLD, application is booted from SIO-based disk
                    ;          +  Application does not alter locations $0160 thru $0170
                    ;          +  Application does not expect RAM in 4K block at $C000
                    ;
                    ;       By configuring the system as an ATARI 800, the application
                    ;       will not be able to take advantage of certain XL-specific
                    ;       features, such as function keys F1-F4, the HELP key, PBI
                    ;       peripheral devices, etc.
                    ;
                    ;       MODS:   Joe Miller  Add graphics and code for [RESET]   83-09-15
                    ;               Greg Riker  Original version                    83-03-20
                    ;
                    ;       ================================================================
```

```
0000                    LIST    I,-M

                WATCH   MACRO
                %L      LDA     DOSINI+1        ;If DOSINI high byte has changed
                        CMP     #high RAMLINK
                        BEQ     ?X%K
                        STA     SVDINI+1        ;   Save new high byte
                        LDA     #high RAMLINK
                        STA     DOSINI+1        ;   Replace w/WARM START trap address
                                                ;Endif
                ?X%K    LDA     DOSINI          ;If DOSINI low byte has changed
                        CMP     #low RAMLINK
                        BEQ     ?Y%K
                        STA     SVDINI          ;   Save application's low byte
                        LDA     #low RAMLINK
                        STA     DOSINI          ;   Restore WARM START trap address
                ?Y%K                            ;Endif
                        ENDM

                PATCH   MACRO   DEST,SOURCE,COUNT
                %L      LDA     #low %1         ;Copy 'COUNT' bytes from 'SOURCE' to 'DEST'
                        STA     DEST
                        LDA     #high %1
                        STA     DEST+1
                        LDA     #low %2
                        STA     SOURCE
                        LDA     #high %2
                        STA     SOURCE+1
                        LDA     #low %3
                        STA     COUNT
                        LDY     #0

                ?Z%K    LDA     (SOURCE),Y
                        STA     (DEST),Y
                        INY
                        DEC     COUNT
                        BNE     ?Z%K

                        LDA     #high %3
                        BEQ     ?Q%K

                        INC     SOURCE+1        ;NOTE: special case for O.S. copy
                        INC     DEST+1
                        BNE     ?Z%K
                ?Q%K
                        ENDM

                ALIGN   MACRO                   ;Page-aligned location counter
                        ORG     [[high *]+1] shl 8
                %L
                        ENDM

      = 0000    RESET   SET     *0              ;Set conditional assembly parameter
                        INCLUDE D2:XLBOOT.ASM
```

```
0000

                ;       ---------------------------------------------------
                ;       Disk boot record
                ;       ---------------------------------------------------

0000  = 0700            ORG     RAMLOAD
0700  00                DB      0
0701  04                DB      [PHASE1 - RAMLOAD + 127] / 128
0702  0007              DW      RAMLOAD
0704  463B              DW      BOOTSOS


                ;       ---------------------------------------------------
                ;       Boot Continuation Procedures
                ;       ---------------------------------------------------

0706  ADC602            LDA     COLOR2          ;Set background color to match text
0709  8DC802            STA     COLOR4          ;To mask special display list
070C  A907              LDA     #low DLST1      ;Establish new display list
070E  8D3002            STA     SDLST
0711  A908              LDA     #high DLST1
0713  8D3102            STA     SDLST+1

0716  A903              LDA     #3
0718  8552              STA     LMARGN          ;Set new left margin for centered text
071A  A558              LDA     SAVMSC          ;Locate system's screen RAM
071C  8D1308            STA     SCRMEM          ;Place address into our display list
071F  A559              LDA     SAVMSC+1
0721  8D1408            STA     SCRMEM+1

0724  A200              LDX     #0
0726  8A                TXA
0727  8D4803            STA     ICBL            ;Clear screen
072A  8D4903            STA     ICBL+1
072D  A90B              LDA     #PUTCHR
072F  8D4203            STA     ICCMD
0732  A97D              LDA     #$7D
0734  2056E4            JSR     CIOV

0737  A903              LDA     #3
0739  8588              STA     MLCNT           ;Set line counter (for all messages)
073B  ADD8FC            LDA     OSTYPE          ;Test for exception messages
073E  C9A2              CMP     #OS800
0740  D010 ^0752        BNE     RAMCHK          ;If we're running on a 400/800
0742  A91C              LDA     #low ERR1
0744  8D4403            STA     ICBA            ;   Save address of error message
0747  A908              LDA     #high ERR1
0749  8D4503      ABORT STA     ICBA+1

074C  20AA07            JSR     LINER           ;   Display error message
074F  4C4F07      HUNG  JMP     HUNG            ;   Loop forever ...
                                                ;Endif
```

```
0752  ADE402      RAMCHK  LDA     RAMSIZ
0755  C980                CMP     #$80
0757  B009 ^0762          BCS     ONWARD          ;If we're running on a 16K RAM system
0759  A97A                LDA     #low ERR2
075B  8D4403              STA     ICBA            ;   Address of error message
075E  A908                LDA     #high ERR2
0760  D0E7 ^0749          BNE     ABORT           ;   Display message and hang -->
                                                  ;Endif

0762  A9DC        ONWARD  LDA     #low OKMSG      ;Since this is a 64K XL-series,
0764  8D4403              STA     ICBA            ;Set display buffer address
0767  A908                LDA     #high OKMSG
0769  8D4503              STA     ICBA+1
076C  20AA07              JSR     LINER           ;Display 'One Moment' message

076F  A900                LDA     #0
0771  8D0B03              STA     DAUX2
0774  A900                LDA     #low SSCR1      ;Set address to load cover screen
0776  8D0403              STA     DBUF
0779  A910                LDA     #high SSCR1
077B  8D0503              STA     DBUF+1

077E  AD0AD2              LDA     RANDOM
0781  2902                AND     #2
0783  AA                  TAX                     ;Pick one of the screens at random
0784  BD0308              LDA     ALTSCR,X
0787  8D0A03              STA     DAUX1           ;Starting sector of screen data
078A  BD0408              LDA     ALTSCR+1,X
078D  8588                STA     MLCNT           ;Number of sectors to read
078F  20D607              JSR     GETSECS         ;Load selected display

0792  A900                LDA     #low SSCR3
0794  8D0403              STA     DBUF            ;Address of 'camshaft' graphic
0797  A930                LDA     #high SSCR3
0799  8D0503              STA     DBUF+1
079C  A953                LDA     #low [[SSCR3 - RAMLOAD]/128] + 1
079E  8D0A03              STA     DAUX1           ;Starting sector
07A1  A918                LDA     #low [[ESCR3 - SSCR3 + 127]/128]
07A3  8588                STA     MLCNT           ;Number of sectors
07A5  20D607              JSR     GETSECS         ;Load remainder of display

07A8  18                  CLC                     ;Show boot completed
07A9  60                  RTS                     ;Return to O.S.  ==>
```

```
07AA  A909        LINER   LDA     #PUTREC         ;Subroutine to do record aligned output
07AC  8D4203              STA     ICCMD
07AF  A900                LDA     #0
07B1  8D4903              STA     ICBL+1

07B4  A926        LINER1  LDA     #38             ;Repeat
07B6  8D4803              STA     ICBL            ;   Restore record length
07B9  2056E4              JSR     CIOV            ;   Display line
07BC  18                  CLC
07BD  AD4403              LDA     ICBA
07C0  6D4803              ADC     ICBL
07C3  8D4403              STA     ICBA            ;   Move buffer address to next line
07C6  AD4503              LDA     ICBA+1
07C9  6900                ADC     #0
07CB  8D4503              STA     ICBA+1
07CE  C688                DEC     MLCNT
07D0  D0E2 ^07B4          BNE     LINER1          ;Until all lines are displayed

07D2  60                  RTS


07D3  4C77E4      GETBAD  JMP     COLDSV

07D6  A952        GETSECS LDA     #$52            ;Subroutine to read disk sectors
07D8  8D0203              STA     DCOMND          ;Repeat
07DB  A901                LDA     #1
07DD  8D0103              STA     DUNIT           ;   Set unit number to drive #1
07E0  2053E4              JSR     DSKINV          ;   Read a sector
07E3  30EE ^07D3          BMI     GETBAD          ;   If error, abort the whole deal -->

07E5  18                  CLC
07E6  AD0403              LDA     DBUF            ;   Move buffer pointer for next sector
07E9  6980                ADC     #$80
07EB  8D0403              STA     DBUF
07EE  AD0503              LDA     DBUF+1
07F1  6900                ADC     #0
07F3  8D0503              STA     DBUF+1
07F6  EE0A03              INC     DAUX1           ;   Bump sector number
07F9  D003 ^07FE          BNE     GETNXT          ;   If high-order byte affected, then
07FB  EE0B03              INC     DAUX2           ;      Handle sectors > 255
                                                  ;   Endif
07FE  C688        GETNXT  DEC     MLCNT           ;   Drop sector count
0800  D0D4 ^07D6          BNE     GETSECS         ;Until all records loaded

0802  60                  RTS
```

```
0803

0803  131C        ALTSCR  DB      low [[SSCR1 - RAMLOAD]/128]+1, low [[ESCR1 - SSCR1 + 127]/128]
0805  2F11                DB      low [[SSCR2 - RAMLOAD]/128]+1, low [[ESCR2 - SSCR2 + 127]/128]

0807  7070707070  DLST1   DB      $70,$70,$70,$70,$70,$70,$70
080E  7070707042          DB      $70,$70,$70,$70,$42
0813  = 0002      SCRMEM  DS      2
0815  3002300241          DB      $30,$02,$30,$02,$41
081A  0708                DW      DLST1


081C  2054686520  ERR1    DB      ' The ATARI TRANSLATOR diskette was',$9B
083F  2020206465          DB      '   designed for use on XL-series',$9B
0860  2020202020          DB      '           computers only!',$9B


087A  2020205468  ERR2    DB      '   The ATARI TRANSLATOR diskette',$9B
089B  2020207265          DB      '   requires a "Memory Expansion',$9B
08BB  2020204D6F          DB      '   Module" for proper operation!',$9B


08DC  9B          OKMSG   DB      $9B
08DD  2020202020          DB      '      One Moment, Please ...',$9B,$9B
08FB              PHASE1
                  INCLUDE D2:XLSCR1.ASM
```

```
                ;       ------------------------------------------------------
                ;       Display List for GTIA Screen #1
                ;       ------------------------------------------------------


      = FFFF            IF      [* and $0FFF] <> 0
08FB  = 1000            ORG     [[* and $F000]+$1000]
                        ENDIF

1000                SSCR1
1000  6510           DLJMP   DW      DLINK1          ;Address to text window link
1002  E0             COLOR   DB      $E0             ;Color of this display

1003  707070304F     DLST2   DB      $70,$70,$70,$30,$4F
1008  6710                   DW      SSM1            ;LMS address of screen RAM
100A  0F0F0F0F0F             DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
1013  0F0F0F0F0F             DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
101C  0F0F0F0F0F             DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
1025  0F0F0F0F0F             DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
102E  0F0F0F0F0F             DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
1036  7070                   DB      $70,$70
1038  0F0F0F0F0F             DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
1040  0F0F0F0F0F             DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
1048  0F0F0F0F0F             DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
1050  0F0F0F0F0F             DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
1058  0F0F0F0F0F             DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
1060  0F0F707081             DB      $0F,$0F,$70,$70,$81
1065  0030           DLINK1  DW      SSCR3


1067                SSM1                            ;Screen image

                    *
                    * ROW 3
                    *
1067  0000000000             DB      $00,$00,$00,$00,$00,$00,$00,$00
106F  0000000000             DB      $00,$00,$00,$00,$00,$00,$00,$00
1077  000FFFFFFF             DB      $00,$0F,$FF,$FF,$FF,$FF,$F0,$00
107F  0000000000             DB      $00,$00,$00,$00,$00,$00,$00,$00
1087  0000000000             DB      $00,$00,$00,$00,$00,$00,$00,$00
                    *
                    * ROW 4
                    *
108F  0000000000             DB      $00,$00,$00,$00,$00,$00,$00,$00
1097  0000000000             DB      $00,$00,$00,$00,$00,$00,$00,$00
109F  000F00F00F             DB      $00,$0F,$00,$F0,$0F,$00,$F0,$00
10A7  0000000000             DB      $00,$00,$00,$00,$00,$00,$00,$00
10AF  0000000000             DB      $00,$00,$00,$00,$00,$00,$00,$00
                    *
                    * ROW 5
                    *
10B7  0000000000             DB      $00,$00,$00,$00,$00,$00,$00,$00
10BF  0000000000             DB      $00,$00,$00,$00,$00,$00,$00,$00
10C7  000F00F00F             DB      $00,$0F,$00,$F0,$0F,$00,$F0,$00
10CF  0000000000             DB      $00,$00,$00,$00,$00,$00,$00,$00
10D7  0000000000             DB      $00,$00,$00,$00,$00,$00,$00,$00
```

```
                *
                * ROW 6
                *
10DF  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
10E7  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
10EF  000F00F00F        DB      $00,$0F,$00,$F0,$0F,$00,$F0,$00
10F7  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
10FF  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 7
                *
1107  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
110F  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
1117  000F11F11F        DB      $00,$0F,$11,$F1,$1F,$11,$F0,$00
111F  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
1127  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 8
                *
112F  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
1137  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
113F  000E11E11E        DB      $00,$0E,$11,$E1,$1E,$11,$E0,$00
1147  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
114F  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 9
                *
1157  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
115F  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
1167  000E11E11E        DB      $00,$0E,$11,$E1,$1E,$11,$E0,$00
116F  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
1177  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 10
                *
117F  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
1187  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
118F  000E22E22E        DB      $00,$0E,$22,$E2,$2E,$22,$E0,$00
1197  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
119F  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 11
                *
11A7  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
11AF  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
11B7  000D22D22D        DB      $00,$0D,$22,$D2,$2D,$22,$D0,$00
11BF  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
11C7  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 12
                *
11CF  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
11D7  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
11DF  000D22D22D        DB      $00,$0D,$22,$D2,$2D,$22,$D0,$00
11E7  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
11EF  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
```

```
                * ROW 13
                *
11F7  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
11FF  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
1207  000D33D33D        DB      $00,$0D,$33,$D3,$3D,$33,$D0,$00
120F  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
1217  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 14
                *
121F  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
1227  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
122F  000C33C33C        DB      $00,$0C,$33,$C3,$3C,$33,$C0,$00
1237  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
123F  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 15
                *
1247  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
124F  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
1257  00BC44C44C        DB      $00,$BC,$44,$C4,$4C,$44,$CB,$00
125F  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
1267  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 16
                *
126F  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
1277  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
127F  00C44CC44C        DB      $00,$C4,$4C,$C4,$4C,$C4,$4C,$00
1287  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
128F  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 17
                *
1297  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
129F  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
12A7  00B44BB44B        DB      $00,$B4,$4B,$B4,$4B,$B4,$4B,$00
12AF  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
12B7  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 18
                *
12BF  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
12C7  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
12CF  00B55BB55B        DB      $00,$B5,$5B,$B5,$5B,$B5,$5B,$00
12D7  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
12DF  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 19
                *
12E7  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
12EF  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
12F7  00B55BB55B        DB      $00,$B5,$5B,$B5,$5B,$B5,$5B,$00
12FF  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
1307  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 20
```

```
                *
130F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1317  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
131F  00A66AA66A          DB      $00,$A6,$6A,$A6,$6A,$A6,$6A,$00
1327  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
132F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 21
                *
1337  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
133F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1347  00A66AA66A          DB      $00,$A6,$6A,$A6,$6A,$A6,$6A,$00
134F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1357  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 22
                *
135F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1367  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
136F  00A66AA66A          DB      $00,$A6,$6A,$A6,$6A,$A6,$6A,$00
1377  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
137F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 23
                *
1387  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
138F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1397  0097799779          DB      $00,$97,$79,$97,$79,$97,$79,$00
139F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
13A7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 24
                *
13AF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
13B7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
13BF  0097799779          DB      $00,$97,$79,$97,$79,$97,$79,$00
13C7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
13CF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 25
                *
13D7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
13DF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
13E7  0087788778          DB      $00,$87,$78,$87,$78,$87,$78,$00
13EF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
13F7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 26
                *
13FF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1407  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
140F  0078877887          DB      $00,$78,$87,$78,$87,$78,$87,$00
1417  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
141F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 27
                *
```

```
1427  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
142F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1437  0078877887          DB      $00,$78,$87,$78,$87,$78,$87,$00
143F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1447  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 28
                  *
144F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1457  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
145F  0079877997          DB      $00,$79,$87,$79,$97,$78,$97,$00
1467  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
146F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 29
                  *
1477  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
147F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1487  0778877997          DB      $07,$78,$87,$79,$97,$78,$87,$70
148F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1497  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 30
                  *
149F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
14A7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
14AF  066AA66AA6          DB      $06,$6A,$A6,$6A,$A6,$6A,$A6,$60
14B7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
14BF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 31
                  *
14C7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
14CF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
14D7  06AA666AA6          DB      $06,$AA,$66,$6A,$A6,$66,$AA,$60
14DF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
14E7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 32
                  *
14EF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
14F7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
14FF  06AA666AA6          DB      $06,$AA,$66,$6A,$A6,$66,$AA,$60
1507  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
150F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 33
                  *
1517  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
151F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1527  05BB505BB5          DB      $05,$BB,$50,$5B,$B5,$05,$BB,$50
152F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1537  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 34
                  *
153F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
```

```
1547  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
154F  05BB505BB5          DB      $05,$BB,$50,$5B,$B5,$05,$BB,$50
1557  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
155F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 35
                  *
1567  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
156F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1577  04BB404BB4          DB      $04,$BB,$40,$4B,$B4,$04,$BB,$40
157F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1587  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 36
                  *
158F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1597  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$4C
159F  CCCC404CC4          DB      $CC,$CC,$40,$4C,$C4,$04,$CC,$CC
15A7  C400000000          DB      $C4,$00,$00,$00,$00,$00,$00,$00
15AF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 37
                  *
15B7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
15BF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$4C
15C7  CCCC404CC4          DB      $CC,$CC,$40,$4C,$C4,$04,$CC,$CC
15CF  C400000000          DB      $C4,$00,$00,$00,$00,$00,$00,$00
15D7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 38
                  *
15DF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
15E7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$3C
15EF  CCCC303CC3          DB      $CC,$CC,$30,$3C,$C3,$03,$CC,$CC
15F7  C300000000          DB      $C3,$00,$00,$00,$00,$00,$00,$00
15FF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 39
                  *
1607  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
160F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$3D
1617  DDDD303DD3          DB      $DD,$DD,$30,$3D,$D3,$03,$DD,$DD
161F  D300000000          DB      $D3,$00,$00,$00,$00,$00,$00,$00
1627  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 40
                  *
162F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1637  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$2D
163F  DDDD202DD2          DB      $DD,$DD,$20,$2D,$D2,$02,$DD,$DD
1647  D200000000          DB      $D2,$00,$00,$00,$00,$00,$00,$00
164F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 41
                  *
1657  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
165F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$2D
```

```
1667  DDDD202DD2          DB      $DD,$DD,$20,$2D,$D2,$02,$DD,$DD
166F  D200000000          DB      $D2,$00,$00,$00,$00,$00,$00,$00
1677  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 42
                  *
167F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1687  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$2E
168F  EEEE202EE2          DB      $EE,$EE,$20,$2E,$E2,$02,$EE,$EE
1697  E200000000          DB      $E2,$00,$00,$00,$00,$00,$00,$00
169F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 43
                  *
16A7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
16AF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$1E
16B7  EEE1101EE1          DB      $EE,$E1,$10,$1E,$E1,$01,$1E,$EE
16BF  E100000000          DB      $E1,$00,$00,$00,$00,$00,$00,$00
16C7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 44
                  *
16CF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
16D7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$1E
16DF  EEE1101EE1          DB      $EE,$E1,$10,$1E,$E1,$01,$1E,$EE
16E7  E100000000          DB      $E1,$00,$00,$00,$00,$00,$00,$00
16EF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 45
                  *
16F7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
16FF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$1F
1707  FFF1101FF1          DB      $FF,$F1,$10,$1F,$F1,$01,$1F,$FF
170F  F100000000          DB      $F1,$00,$00,$00,$00,$00,$00,$00
1717  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 46
                  *
171F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1727  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$0F
172F  FFF0000FF0          DB      $FF,$F0,$00,$0F,$F0,$00,$0F,$FF
1737  F000000000          DB      $F0,$00,$00,$00,$00,$00,$00,$00
173F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 47
                  *
1747  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
174F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$0F
1757  FFF0000FF0          DB      $FF,$F0,$00,$0F,$F0,$00,$0F,$FF
175F  F000000000          DB      $F0,$00,$00,$00,$00,$00,$00,$00
1767  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  * ROW 64
                  *
176F  00000000FF          DB      $00,$00,$00,$00,$FF,$FF,$FF,$F0
1777  FFF00000F0          DB      $FF,$F0,$00,$00,$F0,$00,$FF,$00
177F  0FF000F000          DB      $0F,$F0,$00,$F0,$00,$FF,$F0,$00
1787  0F000FFFFF          DB      $0F,$00,$0F,$FF,$FF,$FF,$00,$0F
```

```
178F  000FFF0000          DB      $00,$0F,$FF,$00,$00,$00,$00,$00
                  *
                  * ROW 65
                  *
1797  00000000F0          DB      $00,$00,$00,$00,$F0,$11,$10,$F0
179F  F11F000F1F          DB      $F1,$1F,$00,$0F,$1F,$00,$F1,$00
17A7  0F100E1F00          DB      $0F,$10,$0E,$1F,$00,$F1,$F0,$00
17AF  F1F00F0111          DB      $F1,$F0,$0F,$01,$11,$0F,$00,$F1
17B7  F00F11F000          DB      $F0,$0F,$11,$F0,$00,$00,$00,$00
                  *
                  * ROW 66
                  *
17BF  00000000F2          DB      $00,$00,$00,$00,$F2,$22,$22,$F0
17C7  F11F000E1E          DB      $F1,$1F,$00,$0E,$1E,$00,$F1,$00
17CF  0F100E1E00          DB      $0F,$10,$0E,$1E,$00,$F2,$F0,$00
17D7  E1E00F2222          DB      $E1,$E0,$0F,$22,$22,$2F,$00,$E1
17DF  E00F11F000          DB      $E0,$0F,$11,$F0,$00,$00,$00,$00
                  *
                  * ROW 67
                  *
17E7  00000000F2          DB      $00,$00,$00,$00,$F2,$22,$22,$F0
17EF  F11EE00222          DB      $F1,$1E,$E0,$02,$22,$00,$F2,$00
17F7  0F20EE2ED0          DB      $0F,$20,$EE,$2E,$D0,$F2,$F0,$00
17FF  22200F2222          DB      $22,$20,$0F,$22,$22,$2F,$00,$22
1807  200F11EE00          DB      $20,$0F,$11,$EE,$00,$00,$00,$00
                  *
                  * ROW 68
                  *
180F  00000000F3          DB      $00,$00,$00,$00,$F3,$33,$33,$F0
1817  E222E0E222          DB      $E2,$22,$E0,$E2,$22,$E0,$E2,$00
181F  0E20D222D0          DB      $0E,$20,$D2,$22,$D0,$F3,$F0,$0E
1827  222E0F3333          DB      $22,$2E,$0F,$33,$33,$3F,$0E,$22
182F  2E0E222E00          DB      $2E,$0E,$22,$2E,$00,$00,$00,$00
                  *
                  * ROW 69
                  *
1837  00000000F3          DB      $00,$00,$00,$00,$F3,$33,$33,$F0
183F  E222E02222          DB      $E2,$22,$E0,$22,$22,$20,$E2,$00
1847  0E20D222D0          DB      $0E,$20,$D2,$22,$D0,$F3,$F0,$02
184F  22220F3333          DB      $22,$22,$0F,$33,$33,$3F,$02,$22
1857  220E222E00          DB      $22,$0E,$22,$2E,$00,$00,$00,$00
                  *
                  * ROW 70
                  *
185F  00000000F3          DB      $00,$00,$00,$00,$F3,$33,$33,$F0
1867  D222D02333          DB      $D2,$22,$D0,$23,$33,$20,$D2,$A0
186F  0D20D232C0          DB      $0D,$20,$D2,$32,$C0,$F3,$F0,$02
1877  33320F3333          DB      $33,$32,$0F,$33,$33,$3F,$02,$33
187F  320D222D00          DB      $32,$0D,$22,$2D,$00,$00,$00,$00
                  *
                  * ROW 71
                  *
1887  00000000F3          DB      $00,$00,$00,$00,$F3,$33,$33,$F0
188F  D333D03333          DB      $D3,$33,$D0,$33,$33,$30,$D3,$A0
1897  0D30D333C0          DB      $0D,$30,$D3,$33,$C0,$F3,$F0,$03
189F  33330F3333          DB      $33,$33,$0F,$33,$33,$3F,$03,$33
18A7  330D333D00          DB      $33,$0D,$33,$3D,$00,$00,$00,$00
```

```
                *
                * ROW 72
                *
18AF  00000000FF        DB      $00,$00,$00,$00,$FF,$D3,$DF,$F0
18B7  D333C03333        DB      $D3,$33,$C0,$33,$33,$30,$D3,$20
18BF  0D30C333B0        DB      $0D,$30,$C3,$33,$B0,$E3,$E0,$03
18C7  33330FFD3D        DB      $33,$33,$0F,$FD,$3D,$FF,$03,$33
18CF  330D333C00        DB      $33,$0D,$33,$3C,$00,$00,$00,$00
                *
                * ROW 73
                *
18D7  0000000000        DB      $00,$00,$00,$00,$00,$C4,$C0,$00
18DF  C4C4C04CCC        DB      $C4,$C4,$C0,$4C,$CC,$40,$C4,$30
18E7  0C40C4C4B0        DB      $0C,$40,$C4,$C4,$B0,$C4,$C0,$04
18EF  CCC4000C4C        DB      $CC,$C4,$00,$0C,$4C,$00,$04,$CC
18F7  C40C4C4C00        DB      $C4,$0C,$4C,$4C,$00,$00,$00,$00
                *
                * ROW 74
                *
18FF  0000000000        DB      $00,$00,$00,$00,$00,$B4,$B0,$00
1907  B4F4B04B0B        DB      $B4,$F4,$B0,$4B,$0B,$40,$B4,$30
190F  0B40B404A0        DB      $0B,$40,$B4,$04,$A0,$B4,$B0,$04
1917  B0B4000B4B        DB      $B0,$B4,$00,$0B,$4B,$00,$04,$B0
191F  B40B4F4B00        DB      $B4,$0B,$4F,$4B,$00,$00,$00,$00
                *
                * ROW 75
                *
1927  0000000000        DB      $00,$00,$00,$00,$00,$B4,$B0,$00
192F  B404B04B0B        DB      $B4,$04,$B0,$4B,$0B,$40,$B4,$40
1937  0B40B404A0        DB      $0B,$40,$B4,$04,$A0,$B4,$B0,$04
193F  B0B4000B4B        DB      $B0,$B4,$00,$0B,$4B,$00,$04,$B0
1947  B40B404B00        DB      $B4,$0B,$40,$4B,$00,$00,$00,$00
                *
                * ROW 76
                *
194F  0000000000        DB      $00,$00,$00,$00,$00,$B5,$B0,$00
1957  B505B05B0B        DB      $B5,$05,$B0,$5B,$0B,$50,$B5,$40
195F  0B50B505A0        DB      $0B,$50,$B5,$05,$A0,$B5,$B0,$05
1967  B0B5000B5B        DB      $B0,$B5,$00,$0B,$5B,$00,$05,$B0
196F  B50B505B00        DB      $B5,$0B,$50,$5B,$00,$00,$00,$00
                *
                * ROW 77
                *
1977  0000000000        DB      $00,$00,$00,$00,$00,$A5,$A0,$00
197F  A505A05A0A        DB      $A5,$05,$A0,$5A,$0A,$50,$A5,$40
1987  0A50A50AB0        DB      $0A,$50,$A5,$0A,$B0,$A5,$A0,$05
198F  A0A5000A5A        DB      $A0,$A5,$00,$0A,$5A,$00,$05,$A0
1997  A50A505A00        DB      $A5,$0A,$50,$5A,$00,$00,$00,$00
                *
                * ROW 78
                *
199F  0000000000        DB      $00,$00,$00,$00,$00,$A6,$A0,$00
19A7  A606A06A0A        DB      $A6,$06,$A0,$6A,$0A,$60,$A6,$50
19AF  0A60A60000        DB      $0A,$60,$A6,$00,$00,$A6,$A0,$06
19B7  A0A6000A6A        DB      $A0,$A6,$00,$0A,$6A,$00,$06,$A0
19BF  A60A606A00        DB      $A6,$0A,$60,$6A,$00,$00,$00,$00
                *
```

```
                * ROW 79
                *
19C7  0000000000        DB      $00,$00,$00,$00,$00,$A6,$A0,$00
19CF  A606A06A0A        DB      $A6,$06,$A0,$6A,$0A,$60,$A6,$50
19D7  0A60A60000        DB      $0A,$60,$A6,$00,$00,$A6,$A0,$06
19DF  A0A6000A6A        DB      $A0,$A6,$00,$0A,$6A,$00,$06,$A0
19E7  A60A606A00        DB      $A6,$0A,$60,$6A,$00,$00,$00,$00
                *
                * ROW 80
                *
19EF  0000000000        DB      $00,$00,$00,$00,$00,$96,$90,$00
19F7  9606906909        DB      $96,$06,$90,$69,$09,$60,$96,$69
19FF  0960960000        DB      $09,$60,$96,$00,$00,$96,$90,$06
1A07  9096000969        DB      $90,$96,$00,$09,$69,$00,$06,$90
1A0F  9609606900        DB      $96,$09,$60,$69,$00,$00,$00,$00
                *
                * ROW 81
                *
1A17  0000000000        DB      $00,$00,$00,$00,$00,$97,$90,$00
1A1F  9707907909        DB      $97,$07,$90,$79,$09,$70,$97,$67
1A27  0970970000        DB      $09,$70,$97,$00,$00,$97,$90,$07
1A2F  9097000979        DB      $90,$97,$00,$09,$79,$00,$07,$90
1A37  9709707900        DB      $97,$09,$70,$79,$00,$00,$00,$00
                *
                * ROW 82
                *
1A3F  0000000000        DB      $00,$00,$00,$00,$00,$87,$80,$00
1A47  8707807808        DB      $87,$07,$80,$78,$08,$70,$87,$67
1A4F  0870870000        DB      $08,$70,$87,$00,$00,$87,$80,$07
1A57  8087000878        DB      $80,$87,$00,$08,$78,$00,$07,$80
1A5F  8708707800        DB      $87,$08,$70,$78,$00,$00,$00,$00
                *
                * ROW 83
                *
1A67  0000000000        DB      $00,$00,$00,$00,$00,$87,$80,$00
1A6F  8787807808        DB      $87,$87,$80,$78,$08,$70,$87,$77
1A77  0870877000        DB      $08,$70,$87,$70,$00,$87,$80,$07
1A7F  8087000878        DB      $80,$87,$00,$08,$78,$00,$07,$80
1A87  8708787800        DB      $87,$08,$78,$78,$00,$00,$00,$00
                *
                * ROW 84
                *
1A8F  0000000000        DB      $00,$00,$00,$00,$00,$78,$70,$00
1A97  7888707808        DB      $78,$88,$70,$78,$08,$70,$78,$78
1A9F  0870888600        DB      $08,$70,$88,$86,$00,$78,$70,$07
1AA7  8087000787        DB      $80,$87,$00,$07,$87,$00,$07,$80
1AAF  8707888700        DB      $87,$07,$88,$87,$00,$00,$00,$00
                *
                * ROW 85
                *
1AB7  0000000000        DB      $00,$00,$00,$00,$00,$78,$70,$00
1ABF  7889008707        DB      $78,$89,$00,$87,$07,$80,$78,$08
1AC7  6780088660        DB      $67,$80,$08,$86,$60,$78,$70,$08
1ACF  7078000787        DB      $70,$78,$00,$07,$87,$00,$08,$70
1AD7  7807889000        DB      $78,$07,$88,$90,$00,$00,$00,$00
                *
                * ROW 86
```

```
                *
1ADF  0000000000        DB      $00,$00,$00,$00,$00,$78,$70,$00
1AE7  7887009707        DB      $78,$87,$00,$97,$07,$80,$79,$09
1AEF  8790079960        DB      $87,$90,$07,$99,$60,$78,$70,$09
1AF7  7078000787        DB      $70,$78,$00,$07,$87,$00,$09,$70
1AFF  7807887000        DB      $78,$07,$88,$70,$00,$00,$00,$00
                *
                * ROW 87
                *
1B07  0000000000        DB      $00,$00,$00,$00,$00,$68,$60,$00
1B0F  6880008606        DB      $68,$80,$00,$86,$06,$80,$68,$08
1B17  8680068860        DB      $86,$80,$06,$88,$60,$68,$60,$08
1B1F  6068000686        DB      $60,$68,$00,$06,$86,$00,$08,$60
1B27  6806880000        DB      $68,$06,$88,$00,$00,$00,$00,$00
                *
                * ROW 88
                *
1B2F  0000000000        DB      $00,$00,$00,$00,$00,$6A,$60,$00
1B37  6AA000A606        DB      $6A,$A0,$00,$A6,$06,$A0,$6A,$0A
1B3F  96A006AA50        DB      $96,$A0,$06,$AA,$50,$6A,$60,$0A
1B47  606A0006A6        DB      $60,$6A,$00,$06,$A6,$00,$0A,$60
1B4F  6A06AA0000        DB      $6A,$06,$AA,$00,$00,$00,$00,$00
                *
                * ROW 89
                *
1B57  0000000000        DB      $00,$00,$00,$00,$00,$5A,$50,$00
1B5F  5AA000A505        DB      $5A,$A0,$00,$A5,$05,$A0,$5A,$0A
1B67  85A000AA50        DB      $85,$A0,$00,$AA,$50,$5A,$50,$0A
1B6F  505A0005A5        DB      $50,$5A,$00,$05,$A5,$00,$0A,$50
1B77  5A05AA0000        DB      $5A,$05,$AA,$00,$00,$00,$00,$00
                *
                * ROW 90
                *
1B7F  0000000000        DB      $00,$00,$00,$00,$00,$5A,$50,$00
1B87  5AAA00A505        DB      $5A,$AA,$00,$A5,$05,$A0,$5A,$0A
1B8F  A5A000AA50        DB      $A5,$A0,$00,$AA,$50,$5A,$50,$0A
1B97  505A0005A5        DB      $50,$5A,$00,$05,$A5,$00,$0A,$50
1B9F  5A05AAA000        DB      $5A,$05,$AA,$A0,$00,$00,$00,$00
                *
                * ROW 91
                *
1BA7  0000000000        DB      $00,$00,$00,$00,$00,$5B,$50,$00
1BAF  5BBB00BBBB        DB      $5B,$BB,$00,$BB,$BB,$B0,$5B,$00
1BB7  A5B0008B40        DB      $A5,$B0,$00,$8B,$40,$5B,$50,$0B
1BBF  BBBB0005B5        DB      $BB,$BB,$00,$05,$B5,$00,$0B,$BB
1BC7  BB05BBB000        DB      $BB,$05,$BB,$B0,$00,$00,$00,$00
                *
                * ROW 92
                *
1BCF  0000000000        DB      $00,$00,$00,$00,$00,$4B,$40,$00
1BD7  4BBB00BBBB        DB      $4B,$BB,$00,$BB,$BB,$B0,$4B,$00
1BDF  A4B0000B40        DB      $A4,$B0,$00,$0B,$40,$4B,$40,$0B
1BE7  BBBB0004B4        DB      $BB,$BB,$00,$04,$B4,$00,$0B,$BB
1BEF  BB04BBB000        DB      $BB,$04,$BB,$B0,$00,$00,$00,$00
                *
                * ROW 93
                *
```

```
1BF7  0000000000          DB      $00,$00,$00,$00,$00,$4B,$40,$00
1BFF  4BDB00BCCC          DB      $4B,$DB,$00,$BC,$CC,$B0,$4B,$00
1C07  B4B0000B40          DB      $B4,$B0,$00,$0B,$40,$4B,$40,$0B
1C0F  CCCB0004B4          DB      $CC,$CB,$00,$04,$B4,$00,$0B,$CC
1C17  CB04BDB000          DB      $CB,$04,$BD,$B0,$00,$00,$00,$00
                  *
                  * ROW 94
                  *
1C1F  0000000000          DB      $00,$00,$00,$00,$00,$4C,$40,$00
1C27  4CDC00CCCC          DB      $4C,$DC,$00,$CC,$CC,$C0,$4C,$00
1C2F  B4C0000C30          DB      $B4,$C0,$00,$0C,$30,$4C,$40,$0C
1C37  CCCC0004C4          DB      $CC,$CC,$00,$04,$C4,$00,$0C,$CC
1C3F  CC04CDC000          DB      $CC,$04,$CD,$C0,$00,$00,$00,$00
                  *
                  * ROW 95
                  *
1C47  0000000000          DB      $00,$00,$00,$00,$00,$3C,$30,$00
1C4F  3C0C00CCCC          DB      $3C,$0C,$00,$CC,$CC,$C0,$3C,$00
1C57  B3C0000C30          DB      $B3,$C0,$00,$0C,$30,$3C,$30,$0C
1C5F  CCCC0003C3          DB      $CC,$CC,$00,$03,$C3,$00,$0C,$CC
1C67  CC03C0C000          DB      $CC,$03,$C0,$C0,$00,$00,$00,$00
                  *
                  * ROW 96
                  *
1C6F  0000000000          DB      $00,$00,$00,$00,$00,$3C,$30,$00
1C77  3C0CC0CDDD          DB      $3C,$0C,$C0,$CD,$DD,$C0,$3C,$00
1C7F  C3C0CC0C30          DB      $C3,$C0,$CC,$0C,$30,$3C,$30,$0C
1C87  DDDC0003C3          DB      $DD,$DC,$00,$03,$C3,$00,$0C,$DD
1C8F  DC03C0CC00          DB      $DC,$03,$C0,$CC,$00,$00,$00,$00
                  *
                  * ROW 97
                  *
1C97  0000000000          DB      $00,$00,$00,$00,$00,$3D,$30,$00
1C9F  3D0CC0DDDD          DB      $3D,$0C,$C0,$DD,$DD,$D0,$3D,$00
1CA7  A3D0CC0D20          DB      $A3,$D0,$CC,$0D,$20,$3D,$BB,$0D
1CAF  DDDD0003D3          DB      $DD,$DD,$00,$03,$D3,$00,$0D,$DD
1CB7  DD03D0CC00          DB      $DD,$03,$D0,$CC,$00,$00,$00,$00
                  *
                  * ROW 98
                  *
1CBF  0000000000          DB      $00,$00,$00,$00,$00,$2D,$20,$00
1CC7  2D0DC0D232          DB      $2D,$0D,$C0,$D2,$32,$D0,$2D,$00
1CCF  A2D0CC0D20          DB      $A2,$D0,$CC,$0D,$20,$2D,$BB,$0D
1CD7  232D0002D2          DB      $23,$2D,$00,$02,$D2,$00,$0F,$FF
1CDF  FF02D0DC00          DB      $FF,$02,$D0,$DC,$00,$00,$00,$00
                  *
                  * ROW 99
                  *
1CE7  0000000000          DB      $00,$00,$00,$00,$00,$2D,$20,$00
1CEF  2D0DC0D202          DB      $2D,$0D,$C0,$D2,$02,$D0,$2D,$00
1CF7  B2D0DDDD20          DB      $B2,$D0,$DD,$DD,$20,$2E,$EC,$0D
1CFF  202D0002D2          DB      $20,$2D,$00,$02,$D2,$00,$0F,$FF
1D07  FF02D0DC00          DB      $FF,$02,$D0,$DC,$00,$00,$00,$00
                  *
                  * ROW 100
                  *
1D0F  0000000000          DB      $00,$00,$00,$00,$00,$2E,$20,$00
```

```
1D17  2E00E0E202          DB      $2E,$00,$E0,$E2,$02,$E0,$2E,$00
1D1F  02E0DDEE20          DB      $02,$E0,$DD,$EE,$20,$2E,$EE,$0E
1D27  202E0002E2          DB      $20,$2E,$00,$02,$E2,$00,$0E,$FF
1D2F  FE02E00E00          DB      $FE,$02,$E0,$0E,$00,$00,$00,$00
                  *
                  * ROW 101
                  *
1D37  0000000000          DB      $00,$00,$00,$00,$00,$2E,$20,$00
1D3F  2E00E0E202          DB      $2E,$00,$E0,$E2,$02,$E0,$2E,$00
1D47  02E00EEE20          DB      $02,$E0,$0E,$EE,$20,$2E,$FF,$0E
1D4F  202E0002E2          DB      $20,$2E,$00,$02,$E2,$00,$0E,$FF
1D57  FE02E00E00          DB      $FE,$02,$E0,$0E,$00,$00,$00,$00
                  *
                  * ROW 102
                  *
1D5F  0000000000          DB      $00,$00,$00,$00,$00,$2E,$20,$00
1D67  2E00E0E101          DB      $2E,$00,$E0,$E1,$01,$E0,$2E,$00
1D6F  02E00EEE10          DB      $02,$E0,$0E,$EE,$10,$2E,$FF,$0E
1D77  101E0002E2          DB      $10,$1E,$00,$02,$E2,$00,$00,$FF
1D7F  F002E00E00          DB      $F0,$02,$E0,$0E,$00,$00,$00,$00
                  *
                  * ROW 103
                  *
1D87  0000000000          DB      $00,$00,$00,$00,$00,$1F,$10,$00
1D8F  1F00F0F101          DB      $1F,$00,$F0,$F1,$01,$F0,$1F,$00
1D97  01F01FFF10          DB      $01,$F0,$1F,$FF,$10,$1F,$FF,$0F
1D9F  101F0001F1          DB      $10,$1F,$00,$01,$F1,$00,$00,$FF
1DA7  F001F00F00          DB      $F0,$01,$F0,$0F,$00,$00,$00,$00
                  *
                  * ROW 104
                  *
1DAF  0000000000          DB      $00,$00,$00,$00,$00,$1F,$10,$00
1DB7  1F00F0F101          DB      $1F,$00,$F0,$F1,$01,$F0,$1F,$00
1DBF  01F001F100          DB      $01,$F0,$01,$F1,$00,$1F,$FF,$0F
1DC7  101F0001F1          DB      $10,$1F,$00,$01,$F1,$00,$00,$FF
1DCF  F001F00F00          DB      $F0,$01,$F0,$0F,$00,$00,$00,$00
                  *
                  * ROW 105
                  *
1DD7  0000000000          DB      $00,$00,$00,$00,$00,$1F,$10,$00
1DDF  1F00F0F101          DB      $1F,$00,$F0,$F1,$01,$F0,$1F,$00
1DE7  01F001F100          DB      $01,$F0,$01,$F1,$00,$1F,$FF,$0F
1DEF  101F0001F1          DB      $10,$1F,$00,$01,$F1,$00,$00,$00
1DF7  0001F00F00          DB      $00,$01,$F0,$0F,$00,$00,$00,$00
1DFF              ESCR1
                          INCLUDE D2:XLSCR2.ASM
```

```
                ;       ------------------------------------------------------
                ;       Display List for GTIA Screen #2
                ;       ------------------------------------------------------


1DFF  = 1DFF            ORG     *O

      = FFFF            IF      [low *] <> 0
1DFF                    ALIGN
                        ENDIF

1E00            SSCR2

1E00  = 1000#           LOC     SSCR1           ;Overlay previous display area
1000# 4510              DW      DLINK2
1002# A0                DB      $A0

1003# 7070707070  DLST3 DB      $70,$70,$70,$70,$70,$70,$50,$4F
100B# 4710              DW      SSM2
100D# 0F0F0F0F0F        DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
1016# 0F0F0F0F0F        DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$30
1020# 0F0F0F0F0F        DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
102A# 0F0F0F0F0F        DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
1034# 0F0F0F0F0F        DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
103E# 0F0F707070        DB      $0F,$0F,$70,$70,$70,$10,$81
1045# 0030        DLINK2 DW      SSCR3


1047#           SSM2                            ;Screen image

                *
                * ROW 30
                *
1047# 0000003333        DB      $00,$00,$00,$33,$33,$33,$03,$33
104F# 3300033330        DB      $33,$00,$03,$33,$30,$03,$33,$33
1057# 3003333003        DB      $30,$03,$33,$30,$03,$00,$00,$00
105F# 0333300333        DB      $03,$33,$30,$03,$33,$33,$30,$33
1067# 3333033333        DB      $33,$33,$03,$33,$33,$00,$00,$00
                *
                * ROW 31
                *
106F# 0000000033        DB      $00,$00,$00,$00,$33,$00,$03,$00
1077# 3300030330        DB      $33,$00,$03,$03,$30,$03,$00,$33
107F# 3003033003        DB      $30,$03,$03,$30,$03,$00,$00,$00
1087# 0303300003        DB      $03,$03,$30,$00,$03,$30,$00,$30
108F# 0003030033        DB      $00,$03,$03,$00,$33,$00,$00,$00
                *
                * ROW 32
                *
1097# 0000000044        DB      $00,$00,$00,$00,$44,$00,$04,$00
109F# 0400040040        DB      $04,$00,$04,$00,$40,$04,$00,$00
10A7# 4004000004        DB      $40,$04,$00,$00,$04,$00,$00,$00
10AF# 0400400004        DB      $04,$00,$40,$00,$04,$40,$00,$40
10B7# 0004040004        DB      $00,$04,$04,$00,$04,$00,$00,$00
                *
                * ROW 33
```

```
                *
10BF# 0000000044        DB      $00,$00,$00,$00,$44,$00,$04,$00
10C7# 0400040040        DB      $04,$00,$04,$00,$40,$04,$00,$00
10CF# 4004000004        DB      $40,$04,$00,$00,$04,$00,$00,$00
10D7# 0400400004        DB      $04,$00,$40,$00,$04,$40,$00,$40
10DF# 0004040004        DB      $00,$04,$04,$00,$04,$00,$00,$00
                *
                * ROW 34
                *
10E7# 0000000055        DB      $00,$00,$00,$00,$55,$00,$05,$00
10EF# 0500050050        DB      $05,$00,$05,$00,$50,$05,$00,$00
10F7# 5005000004        DB      $50,$05,$00,$00,$04,$00,$00,$00
10FF# 0500500005        DB      $05,$00,$50,$00,$05,$50,$00,$50
1107# 0005050005        DB      $00,$05,$05,$00,$05,$00,$00,$00
                *
                * ROW 35
                *
110F# 0000000055        DB      $00,$00,$00,$00,$55,$00,$05,$00
1117# 0500050050        DB      $05,$00,$05,$00,$50,$05,$00,$00
111F# 5005000004        DB      $50,$05,$00,$00,$04,$00,$00,$00
1127# 0500500005        DB      $05,$00,$50,$00,$05,$50,$00,$50
112F# 0005050005        DB      $00,$05,$05,$00,$05,$00,$00,$00
                *
                * ROW 36
                *
1137# 0000000066        DB      $00,$00,$00,$00,$66,$00,$06,$00
113F# 0600060060        DB      $06,$00,$06,$00,$60,$06,$00,$00
1147# 6006000005        DB      $60,$06,$00,$00,$05,$00,$00,$00
114F# 0606600006        DB      $06,$06,$60,$00,$06,$60,$00,$60
1157# 0006060066        DB      $00,$06,$06,$00,$66,$60,$00,$00
                *
                * ROW 37
                *
115F# 0000000077        DB      $00,$00,$00,$00,$77,$00,$07,$00
1167# 7700070770        DB      $77,$00,$07,$07,$70,$07,$00,$00
116F# 7007000008        DB      $70,$07,$00,$00,$08,$00,$00,$00
1177# 0707700007        DB      $07,$07,$70,$00,$07,$70,$00,$70
117F# 0007077777        DB      $00,$07,$07,$77,$77,$70,$00,$00
                *
                * ROW 38
                *
1187# 0000000077        DB      $00,$00,$00,$00,$77,$00,$07,$77
118F# 7770777777        DB      $77,$70,$77,$77,$77,$07,$00,$00
1197# 7007000008        DB      $70,$07,$00,$00,$08,$00,$00,$00
119F# 7777770007        DB      $77,$77,$77,$00,$07,$70,$00,$70
11A7# 0007077777        DB      $00,$07,$07,$77,$77,$70,$00,$00
                *
                * ROW 39
                *
11AF# 0000000088        DB      $00,$00,$00,$00,$88,$00,$08,$88
11B7# 8880888888        DB      $88,$80,$88,$88,$88,$08,$00,$00
11BF# 8008888808        DB      $80,$08,$88,$88,$08,$00,$00,$00
11C7# 8888880008        DB      $88,$88,$88,$00,$08,$80,$00,$80
11CF# 0008088000        DB      $00,$08,$08,$80,$00,$80,$00,$00
                *
                * ROW 40
                *
```

```
11D7# 0000000088          DB      $00,$00,$00,$00,$88,$00,$08,$80
11DF# 0080880008          DB      $00,$80,$88,$00,$08,$08,$80,$00
11E7# 8008888808          DB      $80,$08,$88,$88,$08,$99,$00,$00
11EF# 8800080008          DB      $88,$00,$08,$00,$08,$89,$00,$80
11F7# 0008088000          DB      $00,$08,$08,$80,$00,$80,$00,$00
                  *
                  * ROW 41
                  *
11FF# 0000000099          DB      $00,$00,$00,$00,$99,$A0,$09,$90
1207# 0090990009          DB      $00,$90,$99,$00,$09,$09,$90,$00
120F# 9000009908          DB      $90,$00,$00,$99,$08,$AA,$00,$00
1217# 9900090009          DB      $99,$00,$09,$00,$09,$9A,$00,$90
121F# 0009099000          DB      $00,$09,$09,$90,$00,$90,$00,$00
                  *
                  * ROW 42
                  *
1227# 00000000AA          DB      $00,$00,$00,$00,$AA,$A0,$0A,$A0
122F# 00A0AA000A          DB      $00,$A0,$AA,$00,$0A,$0A,$A0,$00
1237# A00000AA09          DB      $A0,$00,$00,$AA,$09,$AA,$00,$00
123F# AA000A000A          DB      $AA,$00,$0A,$00,$0A,$AA,$00,$A0
1247# 000A0AA000          DB      $00,$0A,$0A,$A0,$00,$A0,$00,$00
                  *
                  * ROW 43
                  *
124F# 00000000BB          DB      $00,$00,$00,$00,$BB,$B0,$0B,$B0
1257# 00B0BB000B          DB      $00,$B0,$BB,$00,$0B,$0B,$B0,$00
125F# B00000BB09          DB      $B0,$00,$00,$BB,$09,$BB,$00,$00
1267# BB000B000B          DB      $BB,$00,$0B,$00,$0B,$BB,$00,$B0
126F# 000B0BB000          DB      $00,$0B,$0B,$B0,$00,$B0,$00,$00
                  *
                  * ROW 44
                  *
1277# 00000000BB          DB      $00,$00,$00,$00,$BB,$B0,$0B,$B0
127F# 00B0BB000B          DB      $00,$B0,$BB,$00,$0B,$0B,$B0,$00
1287# B00000BB0B          DB      $B0,$00,$00,$BB,$0B,$BB,$00,$00
128F# BB000B000B          DB      $BB,$00,$0B,$00,$0B,$BB,$00,$B0
1297# 00BB0BB000          DB      $00,$BB,$0B,$B0,$00,$B0,$00,$00
                  *
                  * ROW 45
                  *
129F# 00000000EE          DB      $00,$00,$00,$00,$EE,$E0,$0E,$E0
12A7# 00E0EE000E          DB      $00,$E0,$EE,$00,$0E,$0E,$E0,$00
12AF# E00000EE0E          DB      $E0,$00,$00,$EE,$0E,$EE,$00,$00
12B7# EE000E000E          DB      $EE,$00,$0E,$00,$0E,$EE,$00,$E0
12BF# 00EE0EE000          DB      $00,$EE,$0E,$E0,$00,$E0,$00,$00
                  *
                  * ROW 46
                  *
12C7# 00000000EE          DB      $00,$00,$00,$00,$EE,$E0,$0E,$E0
12CF# 00E0EE000E          DB      $00,$E0,$EE,$00,$0E,$0E,$E0,$00
12D7# E09999990E          DB      $E0,$99,$99,$99,$0E,$EF,$00,$00
12DF# EE000E000E          DB      $EE,$00,$0E,$00,$0E,$EE,$00,$E0
12E7# 00EE0EE000          DB      $00,$EE,$0E,$E0,$00,$E0,$00,$00
                  *
                  * ROW 47
                  *
12EF# 00000000FF          DB      $00,$00,$00,$00,$FF,$F0,$0F,$F0
```

```
12F7# 00F0FF000F          DB      $00,$F0,$FF,$00,$0F,$0F,$F0,$00
12FF# F0FFFFF0F           DB      $F0,$FF,$FF,$FF,$0F,$FF,$FF,$F0
1307# FF000F000F          DB      $FF,$00,$0F,$00,$0F,$FF,$00,$FF
130F# FFFF0FF000          DB      $FF,$FF,$0F,$F0,$00,$F0,$00,$00
                  *
                  * ROW 52
                  *
1317# 00000000FF          DB      $00,$00,$00,$00,$FF,$F0,$0F,$F0
131F# 00F0FF000F          DB      $00,$F0,$FF,$00,$0F,$0F,$F0,$00
1327# F0FFFFF0F           DB      $F0,$FF,$FF,$FF,$0F,$FF,$FF,$F0
132F# FF000F000F          DB      $FF,$00,$0F,$00,$0F,$FF,$00,$FF
1337# FFFF0FF000          DB      $FF,$FF,$0F,$F0,$00,$F0,$00,$00
                  *
                  * ROW 53
                  *
133F# 00000000CC          DB      $00,$00,$00,$00,$CC,$C0,$0C,$C0
1347# 00C0CC000C          DB      $00,$C0,$CC,$00,$0C,$0C,$C0,$00
134F# C0CCCCCC0C          DB      $C0,$CC,$CC,$CC,$0C,$CC,$CC,$C0
1357# CC000C000C          DB      $CC,$00,$0C,$00,$0C,$CC,$00,$CC
135F# CCCC0CC000          DB      $CC,$CC,$0C,$C0,$00,$C0,$00,$00
                  *
                  * ROW 54
                  *
1367# 00000000CC          DB      $00,$00,$00,$00,$CC,$C0,$0C,$C0
136F# 00C0CC000C          DB      $00,$C0,$CC,$00,$0C,$0C,$C0,$00
1377# C0CCCCCC0C          DB      $C0,$CC,$CC,$CC,$0C,$CC,$CC,$C0
137F# CC000C000C          DB      $CC,$00,$0C,$00,$0C,$CC,$00,$CC
1387# CCCC0CC000          DB      $CC,$CC,$0C,$C0,$00,$C0,$00,$00
                  *
                  * ROW 55
                  *
138F# 00000000BB          DB      $00,$00,$00,$00,$BB,$B0,$0B,$B0
1397# 00B0BB000B          DB      $00,$B0,$BB,$00,$0B,$0B,$B0,$00
139F# B0B000BB0B          DB      $B0,$B0,$00,$BB,$0B,$BB,$00,$00
13A7# BB000B000B          DB      $BB,$00,$0B,$00,$0B,$BB,$00,$B0
13AF# 00BB0BB000          DB      $00,$BB,$0B,$B0,$00,$B0,$00,$00
                  *
                  * ROW 56
                  *
13B7# 00000000BB          DB      $00,$00,$00,$00,$BB,$B0,$0B,$B0
13BF# 00B0BB000B          DB      $00,$B0,$BB,$00,$0B,$0B,$B0,$00
13C7# B0B000BB0B          DB      $B0,$B0,$00,$BB,$0B,$BB,$00,$00
13CF# BB000B000B          DB      $BB,$00,$0B,$00,$0B,$BB,$00,$B0
13D7# 00BB0BB000          DB      $00,$BB,$0B,$B0,$00,$B0,$00,$00
                  *
                  * ROW 57
                  *
13DF# 00000000AA          DB      $00,$00,$00,$00,$AA,$A0,$0A,$A0
13E7# 00A0AA000A          DB      $00,$A0,$AA,$00,$0A,$0A,$A0,$00
13EF# A0A000AA0A          DB      $A0,$A0,$00,$AA,$0A,$AA,$00,$00
13F7# AA000A000A          DB      $AA,$00,$0A,$00,$0A,$AA,$00,$A0
13FF# 00AA0AA000          DB      $00,$AA,$0A,$A0,$00,$A0,$00,$00
                  *
                  * ROW 58
                  *
1407# 00000000AA          DB      $00,$00,$00,$00,$AA,$A0,$0A,$A0
140F# 00A0AA000A          DB      $00,$A0,$AA,$00,$0A,$0A,$A0,$00
```

Display Data

```
1417# A0A000AA0A          DB      $A0,$A0,$00,$AA,$0A,$AA,$00,$00
141F# AA000A000A          DB      $AA,$00,$0A,$00,$0A,$AA,$00,$A0
1427# 00AA0AA000          DB      $00,$AA,$0A,$A0,$00,$A0,$00,$00
                  *
                  * ROW 59
                  *
142F# 0000000099          DB      $00,$00,$00,$00,$99,$90,$09,$90
1437# 0090990009          DB      $00,$90,$99,$00,$09,$09,$90,$00
143F# 9000009909          DB      $90,$00,$00,$99,$09,$99,$00,$00
1447# 9900090009          DB      $99,$00,$09,$00,$09,$99,$00,$90
144F# 0099099000          DB      $00,$99,$09,$90,$00,$90,$00,$00
                  *
                  * ROW 60
                  *
1457# 0000000099          DB      $00,$00,$00,$00,$99,$90,$09,$90
145F# 0090990009          DB      $00,$90,$99,$00,$09,$09,$90,$00
1467# 9000009909          DB      $90,$00,$00,$99,$09,$99,$00,$00
146F# 9900090009          DB      $99,$00,$09,$00,$09,$99,$00,$90
1477# 0099099000          DB      $00,$99,$09,$90,$00,$90,$00,$00
                  *
                  * ROW 61
                  *
147F# 0000000088          DB      $00,$00,$00,$00,$88,$80,$08,$80
1487# 0080880008          DB      $00,$80,$88,$00,$08,$08,$80,$00
148F# 8000008808          DB      $80,$00,$00,$88,$08,$88,$00,$00
1497# 8800080008          DB      $88,$00,$08,$00,$08,$88,$00,$80
149F# 0088088000          DB      $00,$88,$08,$80,$00,$80,$00,$00
                  *
                  * ROW 62
                  *
14A7# 0000000088          DB      $00,$00,$00,$00,$88,$80,$08,$80
14AF# 0080880008          DB      $00,$80,$88,$00,$08,$08,$80,$00
14B7# 8000008808          DB      $80,$00,$00,$88,$08,$88,$00,$00
14BF# 8800080008          DB      $88,$00,$08,$00,$08,$88,$00,$80
14C7# 0088088000          DB      $00,$88,$08,$80,$00,$80,$00,$00
                  *
                  * ROW 63
                  *
14CF# 0000000077          DB      $00,$00,$00,$00,$77,$70,$07,$70
14D7# 0070770007          DB      $00,$70,$77,$00,$07,$07,$70,$00
14DF# 7000007707          DB      $70,$00,$00,$77,$07,$77,$00,$00
14E7# 7700070007          DB      $77,$00,$07,$00,$07,$77,$00,$70
14EF# 0077077000          DB      $00,$77,$07,$70,$00,$70,$00,$00
                  *
                  * ROW 64
                  *
14F7# 0000000077          DB      $00,$00,$00,$00,$77,$70,$07,$70
14FF# 0070770007          DB      $00,$70,$77,$00,$07,$07,$70,$00
1507# 7000007707          DB      $70,$00,$00,$77,$07,$77,$00,$00
150F# 7700070007          DB      $77,$00,$07,$00,$07,$77,$00,$70
1517# 0077077000          DB      $00,$77,$07,$70,$00,$70,$00,$00
                  *
                  * ROW 65
                  *
151F# 0000000066          DB      $00,$00,$00,$00,$66,$60,$06,$60
1527# 0060660006          DB      $00,$60,$66,$00,$06,$06,$60,$00
152F# 6000006606          DB      $60,$00,$00,$66,$06,$66,$00,$00
```

```
1537# 6600060006          DB      $66,$00,$06,$00,$06,$66,$00,$60
153F# 0066066000          DB      $00,$66,$06,$60,$00,$60,$00,$00
                  *
                  * ROW 66
                  *
1547# 0000000066          DB      $00,$00,$00,$00,$66,$60,$06,$60
154F# 0060660006          DB      $00,$60,$66,$00,$06,$06,$60,$00
1557# 6000006606          DB      $60,$00,$00,$66,$06,$66,$00,$00
155F# 6600060006          DB      $66,$00,$06,$00,$06,$66,$00,$60
1567# 0006066000          DB      $00,$06,$06,$60,$00,$60,$00,$00
                  *
                  * ROW 67
                  *
156F# 0000000055          DB      $00,$00,$00,$00,$55,$50,$05,$50
1577# 0050550005          DB      $00,$50,$55,$00,$05,$05,$50,$00
157F# 5000005505          DB      $50,$00,$00,$55,$05,$55,$00,$00
1587# 5500050005          DB      $55,$00,$05,$00,$05,$55,$00,$50
158F# 0005055000          DB      $00,$05,$05,$50,$00,$50,$00,$00
                  *
                  * ROW 68
                  *
1597# 0000000055          DB      $00,$00,$00,$00,$55,$50,$05,$50
159F# 0050550005          DB      $00,$50,$55,$00,$05,$05,$50,$00
15A7# 5000005505          DB      $50,$00,$00,$55,$05,$55,$00,$00
15AF# 5500050005          DB      $55,$00,$05,$00,$05,$55,$00,$50
15B7# 0005055000          DB      $00,$05,$05,$50,$00,$50,$00,$00
                  *
                  * ROW 69
                  *
15BF# 0000000044          DB      $00,$00,$00,$00,$44,$10,$04,$40
15C7# 0040440004          DB      $00,$40,$44,$00,$04,$04,$40,$00
15CF# 4000004404          DB      $40,$00,$00,$44,$04,$00,$00,$00
15D7# 4400040004          DB      $44,$00,$04,$00,$04,$40,$00,$40
15DF# 0004044000          DB      $00,$04,$04,$40,$00,$40,$00,$00
                  *
                  * ROW 70
                  *
15E7# 0000000044          DB      $00,$00,$00,$00,$44,$00,$04,$40
15EF# 0040440004          DB      $00,$40,$44,$00,$04,$04,$40,$00
15F7# 4000004404          DB      $40,$00,$00,$44,$04,$00,$00,$00
15FF# 4400040004          DB      $44,$00,$04,$00,$04,$40,$00,$40
1607# 0004044000          DB      $00,$04,$04,$40,$00,$40,$00,$00
                  *
                  * ROW 71
                  *
160F# 0000000033          DB      $00,$00,$00,$00,$33,$00,$03,$30
1617# 0030330003          DB      $00,$30,$33,$00,$03,$03,$30,$00
161F# 3003333303          DB      $30,$03,$33,$33,$03,$00,$00,$00
1627# 3300030003          DB      $33,$00,$03,$00,$03,$30,$00,$30
162F# 0003043000          DB      $00,$03,$04,$30,$00,$30,$00,$00
                  *
                  * ROW 72
                  *
1637# 0000000033          DB      $00,$00,$00,$00,$33,$00,$03,$33
163F# 3330333333          DB      $33,$30,$33,$33,$33,$03,$00,$00
1647# 3003333303          DB      $30,$03,$33,$33,$03,$00,$00,$00
164F# 3333330003          DB      $33,$33,$33,$00,$03,$30,$00,$30
```

```
1657# 0003033000          DB      $00,$03,$03,$30,$00,$30,$00,$00
                  *
                  * ROW 73
                  *
165F# 0000000022          DB      $00,$00,$00,$00,$22,$00,$02,$22
1667# 2220222222          DB      $22,$20,$22,$22,$22,$02,$00,$00
166F# 2002000002          DB      $20,$02,$00,$00,$02,$00,$00,$00
1677# 2222220002          DB      $22,$22,$22,$00,$02,$20,$00,$20
167F# 0002022022          DB      $00,$02,$02,$20,$22,$20,$00,$00
                  *
                  * ROW 74
                  *
1687# 0000000088          DB      $00,$00,$00,$00,$88,$00,$08,$00
168F# 0800080081          DB      $08,$00,$08,$00,$81,$08,$00,$00
1697# 8008000008          DB      $80,$08,$00,$00,$08,$00,$00,$00
169F# 0818800008          DB      $08,$18,$80,$00,$08,$80,$00,$80
16A7# 0008080088          DB      $00,$08,$08,$00,$88,$80,$00,$00
                  *
                  * ROW 75
                  *
16AF# 00000000AA          DB      $00,$00,$00,$00,$AA,$00,$0A,$00
16B7# 0A000A00A0          DB      $0A,$00,$0A,$00,$A0,$0A,$00,$00
16BF# A00A00000A          DB      $A0,$0A,$00,$00,$0A,$00,$00,$00
16C7# 0A0AA0000A          DB      $0A,$0A,$A0,$00,$0A,$A0,$00,$A0
16CF# 000A0A00FA          DB      $00,$0A,$0A,$00,$FA,$A0,$00,$00
                  *
                  * ROW 76
                  *
16D7# 00000000FF          DB      $00,$00,$00,$00,$FF,$00,$0F,$00
16DF# 0F000F00F0          DB      $0F,$00,$0F,$00,$F0,$0F,$00,$00
16E7# F00F00000F          DB      $F0,$0F,$00,$00,$0F,$00,$00,$00
16EF# 0F00F0000F          DB      $0F,$00,$F0,$00,$0F,$F0,$00,$F0
16F7# 000F0F000F          DB      $00,$0F,$0F,$00,$0F,$00,$00,$00
                  *
                  * ROW 77
                  *
16FF# 00000000EE          DB      $00,$00,$00,$00,$EE,$00,$0E,$00
1707# 0E000E00E0          DB      $0E,$00,$0E,$00,$E0,$0E,$00,$00
170F# E00E00000E          DB      $E0,$0E,$00,$00,$0E,$00,$00,$00
1717# 0E00E0000E          DB      $0E,$00,$E0,$00,$0E,$E0,$00,$E0
171F# 000E0E000E          DB      $00,$0E,$0E,$00,$0E,$00,$00,$00
                  *
                  * ROW 78
                  *
1727# 00000000EE          DB      $00,$00,$00,$00,$EE,$00,$0E,$00
172F# 0E000E00E0          DB      $0E,$00,$0E,$00,$E0,$0E,$00,$00
1737# E00E00000E          DB      $E0,$0E,$00,$00,$0E,$00,$00,$00
173F# 0E00E0000E          DB      $0E,$00,$E0,$00,$0E,$E0,$00,$E0
1747# 000E0E000E          DB      $00,$0E,$0E,$00,$0E,$00,$00,$00
                  *
                  * ROW 79
                  *
174F# 00000000DD          DB      $00,$00,$00,$00,$DD,$00,$0D,$00
1757# 0D000D00D0          DB      $0D,$00,$0D,$00,$D0,$0D,$00,$00
175F# D00D00000D          DB      $D0,$0D,$00,$00,$0D,$00,$00,$00
1767# 0D00D0000D          DB      $0D,$00,$D0,$00,$0D,$D0,$00,$D0
176F# 000D0D000D          DB      $00,$0D,$0D,$00,$0D,$00,$00,$00
```

```
                *
                * ROW 80
                *
1777# 00000000DD        DB      $00,$00,$00,$00,$DD,$00,$0D,$00
177F# 0D000D00D0        DB      $0D,$00,$0D,$00,$D0,$0D,$00,$00
1787# D00D00000D        DB      $D0,$0D,$00,$00,$0D,$00,$00,$00
178F# 0D00D0000D        DB      $0D,$00,$D0,$00,$0D,$D0,$00,$D0
1797# 000D0D000D        DB      $00,$0D,$0D,$00,$0D,$00,$00,$00
                *
                * ROW 81
                *
179F# 00000000CC        DB      $00,$00,$00,$00,$CC,$00,$0C,$00
17A7# CC000C0CC0        DB      $CC,$00,$0C,$0C,$C0,$0C,$00,$CC
17AF# C00C0CC00C        DB      $C0,$0C,$0C,$C0,$0C,$00,$00,$00
17B7# 0C0CC0000C        DB      $0C,$0C,$C0,$00,$0C,$C0,$00,$C0
17BF# 000C0C00CC        DB      $00,$0C,$0C,$00,$CC,$00,$00,$00
                *
                * ROW 82
                *
17C7# 000000CCCC        DB      $00,$00,$00,$CC,$CC,$CC,$0C,$CC
17CF# CC000CCCC0        DB      $CC,$00,$0C,$CC,$C0,$0C,$CC,$CC
17D7# C00CCCC00C        DB      $C0,$0C,$CC,$C0,$0C,$00,$00,$00
17DF# 0CCCC00CCC        DB      $0C,$CC,$C0,$0C,$CC,$CC,$C0,$CC
17E7# CCCC0CCCCC        DB      $CC,$CC,$0C,$CC,$CC,$00,$00,$00
                *
                * ROW 83
                *
17EF# 000000BBBB        DB      $00,$00,$00,$BB,$BB,$BB,$0B,$BB
17F7# BB000BBBB0        DB      $BB,$00,$0B,$BB,$B0,$0B,$BB,$BB
17FF# B00BBBB00B        DB      $B0,$0B,$BB,$B0,$0B,$00,$00,$00
1807# 0BBBB00BBB        DB      $0B,$BB,$B0,$0B,$BB,$BB,$B0,$BB
180F# BBBB0BBBBB        DB      $BB,$BB,$0B,$BB,$BB,$00,$00,$00

1817# = 2617            ORG     *O
2617            ESCR2
                        INCLUDE D2:XLSCR3.ASM
```

```
                ;       ---------------------------------------------------
                ;       Display List for lower portion of GTIA screens
                ;       ---------------------------------------------------


     = FFFF             IF      [* and $0FFF] <> 0
2617 = 3000             ORG     [[* and $F000]+$1000]
                        ENDIF

3000            SSCR3
3000 4F                 DB      $4F
3001 4630               DW      SSM3
3003 0F0F0F0F0F         DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
300B 0F0F0F0F0F         DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
3013 0F0F0F0F0F         DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
301B 0F0F0F0F0F         DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
3023 0F0F0F0F0F         DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
302B 0F0F0F0F0F         DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
3033 0F0F0F0F0F         DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
303B 0F0F0F0F0F         DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
3043 41                 DB      $41
3044 0310               DW      DLST2


3046            SSM3

                *
                * ROW 98
                *
3046 0000000000         DB      $00,$00,$00,$00,$00,$00,$00,$00
304E 0000000000         DB      $00,$00,$00,$00,$00,$00,$00,$00
3056 00000FFFFF         DB      $00,$00,$0F,$FF,$FF,$FF,$00,$00
305E 0000000000         DB      $00,$00,$00,$00,$00,$00,$00,$00
3066 0000000000         DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 99
                *
306E 0000000000         DB      $00,$00,$00,$00,$00,$00,$00,$00
3076 0000000000         DB      $00,$00,$00,$00,$00,$00,$00,$00
307E 11111FFFFF         DB      $11,$11,$1F,$FF,$FF,$FF,$11,$11
3086 1000000000         DB      $10,$00,$00,$00,$00,$00,$00,$00
308E 0000000000         DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 100
                *
3096 0000000000         DB      $00,$00,$00,$00,$00,$00,$00,$00
309E 0000000000         DB      $00,$00,$00,$00,$00,$00,$00,$00
30A6 11111FFFFF         DB      $11,$11,$1F,$FF,$FF,$FF,$11,$11
30AE 1000000000         DB      $10,$00,$00,$00,$00,$00,$00,$00
30B6 0000000000         DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 101
                *
30BE 0000000000         DB      $00,$00,$00,$00,$00,$00,$00,$00
30C6 0000000000         DB      $00,$00,$00,$00,$00,$00,$00,$00
30CE 11111EEEEE         DB      $11,$11,$1E,$EE,$EE,$EE,$11,$11
```

```
30D6  1000000000          DB      $10,$00,$00,$00,$00,$00,$00,$00
30DE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 102
                  *
30E6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
30EE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
30F6  22222EEEEE          DB      $22,$22,$2E,$EE,$EE,$EE,$22,$22
30FE  2000000000          DB      $20,$00,$00,$00,$00,$00,$00,$00
3106  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 103
                  *
310E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3116  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
311E  22222EEEEE          DB      $22,$22,$2E,$EE,$EE,$EE,$22,$22
3126  2000000000          DB      $20,$00,$00,$00,$00,$00,$00,$00
312E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 104
                  *
3136  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
313E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3146  22222DDDDD          DB      $22,$22,$2D,$DD,$DD,$DD,$22,$22
314E  2000000000          DB      $20,$00,$00,$00,$00,$00,$00,$00
3156  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 105
                  *
315E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3166  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
316E  33333DDDDD          DB      $33,$33,$3D,$DD,$DD,$DD,$33,$33
3176  3000000000          DB      $30,$00,$00,$00,$00,$00,$00,$00
317E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 106
                  *
3186  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
318E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3196  33333DDDDD          DB      $33,$33,$3D,$DD,$DD,$DD,$33,$33
319E  3000000000          DB      $30,$00,$00,$00,$00,$00,$00,$00
31A6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 107
                  *
31AE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
31B6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
31BE  44444CCCCC          DB      $44,$44,$4C,$CC,$CC,$CC,$44,$44
31C6  4000000000          DB      $40,$00,$00,$00,$00,$00,$00,$00
31CE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 108
                  *
31D6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
31DE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
31E6  44444CCCCC          DB      $44,$44,$4C,$CC,$CC,$CC,$44,$44
31EE  4000000000          DB      $40,$00,$00,$00,$00,$00,$00,$00
```

```
31F6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 109
                  *
31FE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3206  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
320E  44444CCCCC          DB      $44,$44,$4C,$CC,$CC,$CC,$44,$44
3216  4000000000          DB      $40,$00,$00,$00,$00,$00,$00,$00
321E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 110
                  *
3226  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
322E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3236  55555BBBBB          DB      $55,$55,$5B,$BB,$BB,$BB,$55,$55
323E  5000000000          DB      $50,$00,$00,$00,$00,$00,$00,$00
3246  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 111
                  *
324E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3256  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
325E  55555BBBBB          DB      $55,$55,$5B,$BB,$BB,$BB,$55,$55
3266  5000000000          DB      $50,$00,$00,$00,$00,$00,$00,$00
326E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 112
                  *
3276  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
327E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3286  66666BBBBB          DB      $66,$66,$6B,$BB,$BB,$BB,$66,$66
328E  6000000000          DB      $60,$00,$00,$00,$00,$00,$00,$00
3296  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 113
                  *
329E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
32A6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
32AE  66666AAAAA          DB      $66,$66,$6A,$AA,$AA,$AA,$66,$66
32B6  6000000000          DB      $60,$00,$00,$00,$00,$00,$00,$00
32BE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 114
                  *
32C6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
32CE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
32D6  66666AAAAA          DB      $66,$66,$6A,$AA,$AA,$AA,$66,$66
32DE  6000000000          DB      $60,$00,$00,$00,$00,$00,$00,$00
32E6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 115
                  *
32EE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
32F6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
32FE  77777AAAAA          DB      $77,$77,$7A,$AA,$AA,$AA,$77,$77
3306  7000000000          DB      $70,$00,$00,$00,$00,$00,$00,$00
330E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
```

```
                *
                * ROW 116
                *
3316  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
331E  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
3326  7777788888        DB      $77,$77,$78,$88,$88,$88,$77,$77
332E  7000000000        DB      $70,$00,$00,$00,$00,$00,$00,$00
3336  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 117
                *
333E  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
3346  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
334E  7777799889        DB      $77,$77,$79,$98,$89,$88,$77,$77
3356  7000000000        DB      $70,$00,$00,$00,$00,$00,$00,$00
335E  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 118
                *
3366  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
336E  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
3376  8888888888        DB      $88,$88,$88,$88,$88,$88,$88,$88
337E  8000000000        DB      $80,$00,$00,$00,$00,$00,$00,$00
3386  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 119
                *
338E  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
3396  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
339E  8888888888        DB      $88,$88,$88,$88,$88,$88,$88,$88
33A6  8000000000        DB      $80,$00,$00,$00,$00,$00,$00,$00
33AE  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 120
                *
33B6  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
33BE  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
33C6  9889877777        DB      $98,$89,$87,$77,$77,$77,$88,$98
33CE  8000000000        DB      $80,$00,$00,$00,$00,$00,$00,$00
33D6  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$00
                *
                * ROW 121
                *
33DE  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$FF
33E6  FFF0000000        DB      $FF,$F0,$00,$00,$00,$FF,$FF,$F0
33EE  8888877777        DB      $88,$88,$87,$77,$77,$77,$88,$88
33F6  80FFFFF000        DB      $80,$FF,$FF,$F0,$00,$00,$00,$FF
33FE  FFF0000000        DB      $FF,$F0,$00,$00,$00,$00,$00,$00
                *
                * ROW 122
                *
3406  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$FF
340E  FFF1111111        DB      $FF,$F1,$11,$11,$11,$FF,$FF,$F0
3416  AAAAA77777        DB      $AA,$AA,$A7,$77,$77,$77,$AA,$AA
341E  A0FFFFF111        DB      $A0,$FF,$FF,$F1,$11,$11,$11,$FF
3426  FFF0000000        DB      $FF,$F0,$00,$00,$00,$00,$00,$00
                *
```

```
                * ROW 123
                *
342E  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$FF
3436  FFF1111111        DB      $FF,$F1,$11,$11,$11,$FF,$FF,$F0
343E  AAAAA66666        DB      $AA,$AA,$A6,$66,$66,$66,$AA,$AA
3446  A0FFFFF111        DB      $A0,$FF,$FF,$F1,$11,$11,$11,$FF
344E  FFF0000000        DB      $FF,$F0,$00,$00,$00,$00,$00,$00
                *
                * ROW 124
                *
3456  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$EE
345E  EEE1111111        DB      $EE,$E1,$11,$11,$11,$EE,$EE,$E0
3466  AAAAA66666        DB      $AA,$AA,$A6,$66,$66,$66,$AA,$AA
346E  A0EEEEE111        DB      $A0,$EE,$EE,$E1,$11,$11,$11,$EE
3476  EEE0000000        DB      $EE,$E0,$00,$00,$00,$00,$00,$00
                *
                * ROW 125
                *
347E  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$EE
3486  EEE2222222        DB      $EE,$E2,$22,$22,$22,$EE,$EE,$E0
348E  BBBBB66666        DB      $BB,$BB,$B6,$66,$66,$66,$BB,$BB
3496  B0EEEEE222        DB      $B0,$EE,$EE,$E2,$22,$22,$22,$EE
349E  EEE0000000        DB      $EE,$E0,$00,$00,$00,$00,$00,$00
                *
                * ROW 126
                *
34A6  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$EE
34AE  EEE2222222        DB      $EE,$E2,$22,$22,$22,$EE,$EE,$E0
34B6  BBBBB55555        DB      $BB,$BB,$B5,$55,$55,$55,$BB,$BB
34BE  B0EEEEE222        DB      $B0,$EE,$EE,$E2,$22,$22,$22,$EE
34C6  EEE0000000        DB      $EE,$E0,$00,$00,$00,$00,$00,$00
                *
                * ROW 127
                *
34CE  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$DD
34D6  DDD2222222        DB      $DD,$D2,$22,$22,$22,$DD,$DD,$D0
34DE  BBBBB55555        DB      $BB,$BB,$B5,$55,$55,$55,$BB,$BB
34E6  B0DDDDD222        DB      $B0,$DD,$DD,$D2,$22,$22,$22,$DD
34EE  DDD0000000        DB      $DD,$D0,$00,$00,$00,$00,$00,$00
                *
                * ROW 128
                *
34F6  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$DD
34FE  DDD3333333        DB      $DD,$D3,$33,$33,$33,$DD,$DD,$D0
3506  CCCCC44444        DB      $CC,$CC,$C4,$44,$44,$44,$CC,$CC
350E  C0DDDDD333        DB      $C0,$DD,$DD,$D3,$33,$33,$33,$DD
3516  DDD0000000        DB      $DD,$D0,$00,$00,$00,$00,$00,$00
                *
                * ROW 129
                *
351E  0000000000        DB      $00,$00,$00,$00,$00,$00,$00,$DD
3526  DDD3333333        DB      $DD,$D3,$33,$33,$33,$DD,$DD,$D0
352E  CCCCC44444        DB      $CC,$CC,$C4,$44,$44,$44,$CC,$CC
3536  C0DDDDD333        DB      $C0,$DD,$DD,$D3,$33,$33,$33,$DD
353E  DDD0000000        DB      $DD,$D0,$00,$00,$00,$00,$00,$00
                *
                * ROW 130
```

```
                    *
3546  0000000000            DB      $00,$00,$00,$00,$00,$00,$00,$CC
354E  CCC4444444            DB      $CC,$C4,$44,$44,$44,$CC,$CC,$C0
3556  CCCCC44444            DB      $CC,$CC,$C4,$44,$44,$44,$CC,$CC
355E  C0CCCCC444            DB      $C0,$CC,$CC,$C4,$44,$44,$44,$CC
3566  CCC0000000            DB      $CC,$C0,$00,$00,$00,$00,$00,$00
                    *
                    * ROW 131
                    *
356E  0000000000            DB      $00,$00,$00,$00,$00,$00,$00,$CC
3576  CCC4444444            DB      $CC,$C4,$44,$44,$44,$CC,$CC,$C0
357E  DDDDD33333            DB      $DD,$DD,$D3,$33,$33,$33,$DD,$DD
3586  D0CCCCC444            DB      $D0,$CC,$CC,$C4,$44,$44,$44,$CC
358E  CCC0000000            DB      $CC,$C0,$00,$00,$00,$00,$00,$00
                    *
                    * ROW 132
                    *
3596  0000000000            DB      $00,$00,$00,$00,$00,$00,$00,$CC
359E  CCC4444444            DB      $CC,$C4,$44,$44,$44,$CC,$CC,$C0
35A6  DDDDD33333            DB      $DD,$DD,$D3,$33,$33,$33,$DD,$DD
35AE  D0CCCCC444            DB      $D0,$CC,$CC,$C4,$44,$44,$44,$CC
35B6  CCC0000000            DB      $CC,$C0,$00,$00,$00,$00,$00,$00
                    *
                    * ROW 133
                    *
35BE  0000000000            DB      $00,$00,$00,$00,$00,$00,$00,$BB
35C6  BBB5555555            DB      $BB,$B5,$55,$55,$55,$BB,$BB,$B0
35CE  DDDDD22222            DB      $DD,$DD,$D2,$22,$22,$22,$DD,$DD
35D6  D0BBBBB555            DB      $D0,$BB,$BB,$B5,$55,$55,$55,$BB
35DE  BBB0000000            DB      $BB,$B0,$00,$00,$00,$00,$00,$00
                    *
                    * ROW 134
                    *
35E6  0000000000            DB      $00,$00,$00,$00,$00,$00,$00,$BB
35EE  BBB5555555            DB      $BB,$B5,$55,$55,$55,$BB,$BB,$B0
35F6  EEEEE22222            DB      $EE,$EE,$E2,$22,$22,$22,$EE,$EE
35FE  E0BBBBB555            DB      $E0,$BB,$BB,$B5,$55,$55,$55,$BB
3606  BBB0000000            DB      $BB,$B0,$00,$00,$00,$00,$00,$00
                    *
                    * ROW 135
                    *
360E  0000000000            DB      $00,$00,$00,$00,$00,$00,$00,$BB
3616  BBB6666666            DB      $BB,$B6,$66,$66,$66,$BB,$BB,$B0
361E  EEEEE22222            DB      $EE,$EE,$E2,$22,$22,$22,$EE,$EE
3626  E0BBBBB666            DB      $E0,$BB,$BB,$B6,$66,$66,$66,$BB
362E  BBB0000000            DB      $BB,$B0,$00,$00,$00,$00,$00,$00
                    *
                    * ROW 136
                    *
3636  0000000000            DB      $00,$00,$00,$00,$00,$00,$00,$AA
363E  AAA6666666            DB      $AA,$A6,$66,$66,$66,$AA,$AA,$A0
3646  EEEEE11111            DB      $EE,$EE,$E1,$11,$11,$11,$EE,$EE
364E  E0AAAAA666            DB      $E0,$AA,$AA,$A6,$66,$66,$66,$AA
3656  AAA0000000            DB      $AA,$A0,$00,$00,$00,$00,$00,$00
                    *
                    * ROW 137
                    *
```

Display Data

```
365E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$AA
3666  AAA6666666          DB      $AA,$A6,$66,$66,$66,$AA,$AA,$A0
366E  FFFFF11111          DB      $FF,$FF,$F1,$11,$11,$11,$FF,$FF
3676  F0AAAAA666          DB      $F0,$AA,$AA,$A6,$66,$66,$66,$AA
367E  AAA0000000          DB      $AA,$A0,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 138
                  *
3686  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$AA
368E  AAA7777777          DB      $AA,$A7,$77,$77,$77,$AA,$AA,$A0
3696  FFFFF11111          DB      $FF,$FF,$F1,$11,$11,$11,$FF,$FF
369E  F0AAAAA777          DB      $F0,$AA,$AA,$A7,$77,$77,$77,$AA
36A6  AAA0000000          DB      $AA,$A0,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 139
                  *
36AE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$88
36B6  8887777777          DB      $88,$87,$77,$77,$77,$88,$88,$80
36BE  FFFFF00000          DB      $FF,$FF,$F0,$00,$00,$00,$FF,$FF
36C6  F088888777          DB      $F0,$88,$88,$87,$77,$77,$77,$88
36CE  8880000000          DB      $88,$80,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 140
                  *
36D6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$98
36DE  8987777777          DB      $89,$87,$77,$77,$77,$88,$98,$80
36E6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
36EE  0098898777          DB      $00,$98,$89,$87,$77,$77,$77,$88
36F6  9880000000          DB      $98,$80,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 141
                  *
36FE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$88
3706  8888888888          DB      $88,$88,$88,$88,$88,$88,$88,$80
370E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3716  0088888888          DB      $00,$88,$88,$88,$88,$88,$88,$88
371E  8880000000          DB      $88,$80,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 142
                  *
3726  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$88
372E  8888888888          DB      $88,$88,$88,$88,$88,$88,$88,$80
3736  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
373E  0088888888          DB      $00,$88,$88,$88,$88,$88,$88,$88
3746  8880000000          DB      $88,$80,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 143
                  *
374E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$77
3756  7779988988          DB      $77,$79,$98,$89,$88,$77,$77,$70
375E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3766  0077777998          DB      $00,$77,$77,$79,$98,$89,$88,$77
376E  7770000000          DB      $77,$70,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 144
                  *
3776  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$77
```

```
377E  7778888888          DB      $77,$78,$88,$88,$88,$77,$77,$70
3786  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
378E  0077777888          DB      $00,$77,$77,$78,$88,$88,$88,$77
3796  7770000000          DB      $77,$70,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 145
                  *
379E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$77
37A6  777AAAAAAA          DB      $77,$7A,$AA,$AA,$AA,$77,$77,$70
37AE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
37B6  0077777AAA          DB      $00,$77,$77,$7A,$AA,$AA,$AA,$77
37BE  7770000000          DB      $77,$70,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 146
                  *
37C6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$66
37CE  666AAAAAAA          DB      $66,$6A,$AA,$AA,$AA,$66,$66,$60
37D6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
37DE  0066666AAA          DB      $00,$66,$66,$6A,$AA,$AA,$AA,$66
37E6  6660000000          DB      $66,$60,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 147
                  *
37EE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$66
37F6  666AAAAAAA          DB      $66,$6A,$AA,$AA,$AA,$66,$66,$60
37FE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3806  0066666AAA          DB      $00,$66,$66,$6A,$AA,$AA,$AA,$66
380E  6660000000          DB      $66,$60,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 148
                  *
3816  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$66
381E  666BBBBBBB          DB      $66,$6B,$BB,$BB,$BB,$66,$66,$60
3826  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
382E  0066666BBB          DB      $00,$66,$66,$6B,$BB,$BB,$BB,$66
3836  6660000000          DB      $66,$60,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 149
                  *
383E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$55
3846  555BBBBBBB          DB      $55,$5B,$BB,$BB,$BB,$55,$55,$50
384E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3856  0055555BBB          DB      $00,$55,$55,$5B,$BB,$BB,$BB,$55
385E  5550000000          DB      $55,$50,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 150
                  *
3866  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$55
386E  555BBBBBBB          DB      $55,$5B,$BB,$BB,$BB,$55,$55,$50
3876  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
387E  0055555BBB          DB      $00,$55,$55,$5B,$BB,$BB,$BB,$55
3886  5550000000          DB      $55,$50,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 151
                  *
388E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$44
3896  444CCCCCCC          DB      $44,$4C,$CC,$CC,$CC,$44,$44,$40
```

Display Data

```
389E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
38A6  0044444CCC          DB      $00,$44,$44,$4C,$CC,$CC,$CC,$44
38AE  4440000000          DB      $44,$40,$00,$00,$00,$00,$00,$00
                *
                * ROW 152
                *
38B6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$44
38BE  444CCCCCCC          DB      $44,$4C,$CC,$CC,$CC,$44,$44,$40
38C6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
38CE  0044444CCC          DB      $00,$44,$44,$4C,$CC,$CC,$CC,$44
38D6  4440000000          DB      $44,$40,$00,$00,$00,$00,$00,$00
                *
                * ROW 153
                *
38DE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$44
38E6  444CCCCCCC          DB      $44,$4C,$CC,$CC,$CC,$44,$44,$40
38EE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
38F6  0044444CCC          DB      $00,$44,$44,$4C,$CC,$CC,$CC,$44
38FE  4440000000          DB      $44,$40,$00,$00,$00,$00,$00,$00
                *
                * ROW 154
                *
3906  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$33
390E  333DDDDDDD          DB      $33,$3D,$DD,$DD,$DD,$33,$33,$30
3916  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
391E  0033333DDD          DB      $00,$33,$33,$3D,$DD,$DD,$DD,$33
3926  3330000000          DB      $33,$30,$00,$00,$00,$00,$00,$00
                *
                * ROW 155
                *
392E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$33
3936  333DDDDDDD          DB      $33,$3D,$DD,$DD,$DD,$33,$33,$30
393E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3946  0033333DDD          DB      $00,$33,$33,$3D,$DD,$DD,$DD,$33
394E  3330000000          DB      $33,$30,$00,$00,$00,$00,$00,$00
                *
                * ROW 156
                *
3956  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$22
395E  222DDDDDDD          DB      $22,$2D,$DD,$DD,$DD,$22,$22,$20
3966  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
396E  0022222DDD          DB      $00,$22,$22,$2D,$DD,$DD,$DD,$22
3976  2220000000          DB      $22,$20,$00,$00,$00,$00,$00,$00
                *
                * ROW 157
                *
397E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$22
3986  222EEEEEEE          DB      $22,$2E,$EE,$EE,$EE,$22,$22,$20
398E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3996  0022222EEE          DB      $00,$22,$22,$2E,$EE,$EE,$EE,$22
399E  2220000000          DB      $22,$20,$00,$00,$00,$00,$00,$00
                *
                * ROW 158
                *
39A6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$22
39AE  222EEEEEEE          DB      $22,$2E,$EE,$EE,$EE,$22,$22,$20
39B6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
```

```
39BE  0022222EEE          DB      $00,$22,$22,$2E,$EE,$EE,$EE,$22
39C6  2220000000          DB      $22,$20,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 159
                  *
39CE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$11
39D6  111EEEEEEE          DB      $11,$1E,$EE,$EE,$EE,$11,$11,$10
39DE  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
39E6  0011111EEE          DB      $00,$11,$11,$1E,$EE,$EE,$EE,$11
39EE  1110000000          DB      $11,$10,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 160
                  *
39F6  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$11
39FE  111FFFFFFF          DB      $11,$1F,$FF,$FF,$FF,$11,$11,$10
3A06  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3A0E  0011111FFF          DB      $00,$11,$11,$1F,$FF,$FF,$FF,$11
3A16  1110000000          DB      $11,$10,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 161
                  *
3A1E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$11
3A26  111FFFFFFF          DB      $11,$1F,$FF,$FF,$FF,$11,$11,$10
3A2E  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3A36  0011111FFF          DB      $00,$11,$11,$1F,$FF,$FF,$FF,$11
3A3E  1110000000          DB      $11,$10,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 162
                  *
3A46  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3A4E  000FFFFFFF          DB      $00,$0F,$FF,$FF,$FF,$00,$00,$00
3A56  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
3A5E  0000000FFF          DB      $00,$00,$00,$0F,$FF,$FF,$FF,$00
3A66  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
```

```
                ;       ---------------------------------------------------
                ;       Display List for Text Window
                ;       ---------------------------------------------------

3A6E  42          SSTXT   DB      $42
3A6F  7E3A                DW      STXTM
3A71  1002100270          DB      $10,$02,$10,$02,$70,$10,$02,$70,$10,$02,$41
3A7C  0310                DW      DLST2


3A7E              STXTM
3A7E  0000000000          DB      0,0,0,0,0,0
3A84  306C656173          DB      $30,$6C,$65,$61,$73,$65,0                   ;Please
3A8B  72656D6F76          DB      $72,$65,$6D,$6F,$76,$65,0                   ;remove
3A92  74686500            DB      $74,$68,$65,0                               ;the
3A96  3432212E33          DB      $34,$32,$21,$2E,$33,$2C,$21,$34,$2F,$32,$0C ;TRANSLATOR,
3AA1  0000000000          DB      0,0,0,0,0

3AA6  0000000000          DB      0,0,0,0,0,0
3AAC  616E640069          DB      $61,$6E,$64,0,$69,$6E,$73,$65,$72,$74,0 ;and insert
3AB7  796F757200          DB      $79,$6F,$75,$72,0                       ;your
3ABC  70726F6772          DB      $70,$72,$6F,$67,$72,$61,$6D,0           ;program
3AC4  6469736B            DB      $64,$69,$73,$6B                         ;disk
3AC8  0000000000          DB      0,0,0,0,0,0

3ACE  0000000000          DB      0,0,0,0,0,0
3AD4  696E007365          DB      $69,$6E,0,$73,$65,$72,$69,$61,$6C,0     ;in serial
3ADE  6472697665          DB      $64,$72,$69,$76,$65,0                   ;drive
3AE4  0311000E0E          DB      $03,$11,0,$0E,$0E,$0E                   ;#1 ...
3AEA  0000000000          DB      0,0,0,0,0,0,0,0,0,0,0,0

3AF6  0000000000          DB      0,0,0,0,0,0
3AFC  3072657373          DB      $30,$72,$65,$73,$73,0                   ;Press
3B02  42B3A5ACA5  SELTXT  DB      $42,$B3,$A5,$AC,$A5,$A3,$B4,$56,0       ;[SELECT]
3B0B  7768656E00          DB      $77,$68,$65,$6E,0                       ;when
3B10  7265616479          DB      $72,$65,$61,$64,$79                     ;ready
3B15  0000000000          DB      0,0,0,0,0,0,0,0,0

3B1E  0000000000          DB      0,0,0,0,0,0,0,0,0,0
3B28  0823213234  CARTIN  DB      $08,$23,$21,$32,$34,$32,$29,$24,$27,$25,0 ;(CARTRIDGE
3B33  3032253325          DB      $30,$32,$25,$33,$25,$2E,$34,$09             ;PRESENT)
      = 0012      CRTLEN  EQU     [* - CARTIN] - 1
3B3B  0000000000          DB      0,0,0,0,0,0,0,0,0,0,0

                          INCLUDE D2:XLITES.ASM
```

```
3B46
                ;       ---------------------------------------------------
                ;       This routine installs a deferred vertical blank server,
                ;       a display list interrupt routine, brings up the selected
                ;       graphic, and continues to boot the soft O.S. from disk.
                ;       ---------------------------------------------------

3B46  A900      BOOTSOS LDA     #0
3B48  8D00D4            STA     DMACTL          ;Lights out, for a moment
3B4B  8D2F02            STA     SDMCTL
3B4E  8D0ED4            STA     NMIEN
3B51  858A              STA     TXTFLG          ;Clear text window flag

3B53  A903              LDA     #low DLST2
3B55  8D3002            STA     SDLST           ;Establish our display list
3B58  A910              LDA     #high DLST2
3B5A  8D3102            STA     SDLST+1

3B5D  A9F0              LDA     #low DLI
3B5F  8D0002            STA     VDSLST          ;Establish display list interrupt vector
3B62  A93B              LDA     #high DLI
3B64  8D0102            STA     VDSLST+1

3B67  AD0210            LDA     COLOR
3B6A  8DC802            STA     COLOR4          ;Select color for GTIA base register
3B6D  8DC602            STA     COLOR2          ;Make text window match it

3B70  A940              LDA     #$40
3B72  8D6F02            STA     GPRIOR          ;Enable 16-lum GTIA mode

3B75  A0A7              LDY     #low VBL
3B77  A23B              LDX     #high VBL
3B79  A907              LDA     #7              ;Link a deferred vertical blank routine
3B7B  205CE4            JSR     SETVBV

3B7E  A9C0              LDA     #$C0
3B80  8D0ED4            STA     NMIEN           ;Allow DLI and VBL interrupts
3B83  A922              LDA     #$22
3B85  8D2F02            STA     SDMCTL          ;Screen on...
3B88  A514              LDA     RTCLOK+2        ;Repeat
3B8A  C514      SHADOW  CMP     RTCLOK+2
3B8C  F0FC ^3B8A        BEQ     SHADOW          ;Until shadow registers written to chips

3B8E  A900              LDA     #low SWAPOS
3B90  8D0403            STA     DBUF            ;Bring all remaining sectors in
3B93  A93C              LDA     #high SWAPOS
3B95  8D0503            STA     DBUF+1
3B98  A96B              LDA     #low [[SWAPOS - RAMLOAD]/128] + 1
3B9A  8D0A03            STA     DAUX1           ;starting sector number
3B9D  A954              LDA     #low [[RAMEND - SWAPOS + 127]/128]
3B9F  8588              STA     MLCNT           ;sectors to load
3BA1  20D607            JSR     GETSECS         ;load 'em up
3BA4  4C003C            JMP     SWAPOS          ;run the TRANSLATOR ==>
```

```
                ;       ---------------------------------------------------
                ;       Vertical Blank Routine.
                ;       If disk boot has been completed, this routine modifies
                ;       the display list to activate a text window.  It also
                ;       flashes the [SELECT] prompt on the screen.
                ;       ---------------------------------------------------

3BA7  E68C      VBL     INC     VBCLOK          ;Bump the flash counter
3BA9  A58A              LDA     TXTFLG
3BAB  F040 ^3BED        BEQ     VBOUT           ;If boot completed, then

3BAD  3013 ^3BC2        BMI     VBFLSH          ;   If text window not established, then
3BAF  A000              LDY     #0
3BB1  A96E              LDA     #low SSTXT      ;      Change display list 'jmp' address
3BB3  9186              STA     (DLJ),Y
3BB5  C8                INY
3BB6  A93A              LDA     #high SSTXT
3BB8  9186              STA     (DLJ),Y

3BBA  A9FF              LDA     #$FF
3BBC  858A              STA     TXTFLG          ;      Set text-on-display flag
3BBE  A901              LDA     #1              ;      Set long interval to first blink
3BC0  858C              STA     VBCLOK          ;      Initialize blink rate
                                                ;   Else, since text window active, then
3BC2  A58C      VBFLSH  LDA     VBCLOK
3BC4  D027 ^3BED        BNE     VBOUT           ;      If flash timer expired, then
3BC6  AD023B            LDA     SELTXT
3BC9  F011 ^3BDC        BEQ     VBFLON          ;         If flashing 'off', then
3BCB  A900              LDA     #0
3BCD  8D023B            STA     SELTXT          ;            Remove end caps
3BD0  8D093B            STA     SELTXT+7
3BD3  8DF302            STA     CHACT           ;            Remove inverse video
3BD6  A9EB              LDA     #OFFTIME
3BD8  858C              STA     VBCLOK          ;            Set 'off-cycle' timeout
3BDA  D011 ^3BED        BNE     VBOUT           ;         Else, since flashing 'on', then
3BDC  A956      VBFLON  LDA     #$56            ;            Replace end caps
3BDE  8D093B            STA     SELTXT+7
3BE1  A942              LDA     #$42
3BE3  8D023B            STA     SELTXT
3BE6  8DF302            STA     CHACT           ;            Set inverse video mode
3BE9  A99B              LDA     #ONTIME
3BEB  858C              STA     VBCLOK          ;            Set 'on-cycle' timeout
                                                ;         Endif
                                                ;      Endif
                                                ;   Endif
3BED  4C62E4    VBOUT   JMP     XITVBV          ;Endif

3BF0  48        DLI     PHA                     ;Display list interrupt routine
3BF1  A58A              LDA     TXTFLG
3BF3  F005 ^3BFA        BEQ     DLIOUT          ;If text window on screen, then
3BF5  A900              LDA     #0
3BF7  8D1BD0            STA     PRIOR           ;   Shut down GTIA 16-lum mode for text
3BFA  68        DLIOUT  PLA                     ;Endif
3BFB  40                RTI
3BFC            ESCR3
```

```
3BFC

                ;       ---------------------------------------------------
                ;       This is the TRANSLATOR mainline.
                ;       It activates a textual prompt on the display and waits
                ;       for the [SELECT] keypress.  When [SELECT] is pressed,
                ;       The XL O.S. is swapped out and the 400/800 Rev. B. O.S.
                ;       is copied into RAM in its place.  A few key patches are
                ;       made to the RAM-based O.S. and WARM START recovery code
                ;       is hidden in RAM at $CFxx.  When this is done, a COLD
                ;       START is invoked by the newly installed O.S.
                ;       ---------------------------------------------------

3BFC                            ALIGN
3C00  AD0010      SWAPOS        LDA     DLJMP           ;Move display list 'JMP' address
3C03  8586                      STA     DLJ             ;Into zero page (for indirect STA)
3C05  AD0110                    LDA     DLJMP+1
3C08  8587                      STA     DLJ+1

3C0A  ADE402                    LDA     RAMSIZ
3C0D  C9C0                      CMP     #$C0
3C0F  900A ^3C1B                BCC     TXTON           ;If Cartridge (or BASIC) not present, then
3C11  A212                      LDX     #low CRTLEN
3C13  A900                      LDA     #0              ;   Repeat
3C15  9D283B      NOCART        STA     CARTIN,X        ;      Remove 'Cart. Present' message
3C18  CA                        DEX
3C19  10FA ^3C15                BPL     NOCART          ;   Until all characters removed
                                                        ;Endif
3C1B  A901        TXTON         LDA     #1
3C1D  858A                      STA     TXTFLG          ;Enable prompt message (via VBL)

3C1F  A908        SELECT        LDA     #8              ;Repeat
3C21  8D1FD0                    STA     CONSOL          ;   Convention for reading CONSOL keys
3C24  AD1FD0                    LDA     CONSOL          ;   Read CONSOL keys
3C27  2902                      AND     #2
3C29  D0F4 ^3C1F                BNE     SELECT          ;Until [SELECT] pressed

3C2B  A900                      LDA     #0
3C2D  8D2F02                    STA     SDMCTL          ;Disable screen DMA
3C30  8D00D4                    STA     DMACTL
3C33  8D0ED4                    STA     NMIEN           ;Disable all interrupts
3C36  8D0ED2                    STA     IRQEN

3C39  78                        SEI
3C3A  AD01D3                    LDA     PORTB           ;Load current PORTB PIA status
3C3D  29FE                      AND     #$FE            ;Disable O.S. ROM (leave BASIC unchanged)
3C3F  8D01D3                    STA     PORTB
3C42  48                        PHA                     ;Hold that thought for a moment
```

```
                ;       Install REV B. O.S. Patches  ------------------------

3C43                    PATCH   $D800,OSOBJ,$2800       ;Copy Rev B. O.S. into RAM
3C6C                    PATCH   RAMSCAN,PC0CODE,PC0LEN  ;Copy O.S. patches to page $Cx
3C95                    PATCH   $F26F,PATSIZ,3          ;SPECL ram sizing patch

      = 0000            IF      RESET                 ;If [RESET] processing enabled, then

   -                    PATCH   $E737,PATIRQ,3          ;   Low-level IRQ watchdog patch
   -                    PATCH   $E7AB,PATNMI,3          ;   Immediate VBLANK watchdog patch
   -                    PATCH   $F173,PATROJ,3          ;   Post stack-clear 'trojan horse'
   -                    PATCH   $F366,PATCLD,3          ;   Single boot sector fix


                ;       Repoint the JMP (DOSINI) to our vector  --------------

   -                    LDA     #low SVDINI             ;   New vector for disk-booted init
   -                    STA     DINI+1
   -                    LDA     #high SVDINI
   -                    STA     DINI+2

                        ENDIF                           ;Endif


                ;       Save a few XL-O.S. WARM START discriminator bytes ----

3CBE  68                PLA                     ;Reload current PORTB PIA status
3CBF  8D58CF            STA     SVPORTB         ;Save it for WARM START restoration

3CC2  ADFA03            LDA     GINTLK          ;Save Cartridge interlock flags
3CC5  8D59CF            STA     SVINTLK
3CC8  ADEB03            LDA     CARTCK          ;Save Cartridge checksum (if needed)
3CCB  8D5ACF            STA     SVCRTCK

3CCE  A202              LDX     #2              ;Save XL O.S. power-up test bytes
3CD0  BD3D03    RECON   LDA     PUPBT1,X
3CD3  9D5BCF            STA     SVPUCHK,X       ;for WARM START power-up check in XL
3CD6  CA                DEX                     ;(these are restored in TROJAN)
3CD7  10F7 ^3CD0        BPL     RECON


                ;       Finally, startup the RAM-based O.S.  -----------------

3CD9  4C77E4            JMP     COLDSV          ;Invoke Rev. B O.S. COLD START
```

```
3CDC
                ;       These 5 lines are PATCHed into the O.S.  -----------+
                ;                                                           |
3CDC  4C88CF    PATIRQ  JMP     DSCAN1          ;IRQ 'DOSINI' monitor       |
3CDF  4CA8CF    PATNMI  JMP     DSCAN2          ;NMI 'DOSINI' monitor       |
3CE2  4C0FCF    PATROJ  JMP     TROJAN          ;Hides routine in stack     |
3CE5  4C5ECF    PATSIZ  JMP     SIZRAM          ;Limits RAMSIZ to $C0       |
3CE8  206BCF    PATCLD  JSR     COLDIN          ;Special-case 'DOSINI' chk  |
                ;                                                           |
                ;       They are the only run-time changes to the O.S.  ----+


                ;       The following code is 'saved' in RAM at $Cxxx  ----------------+
                ;                                                                      |
                ;                                                                      v

3CEB            PC0CODE
3CEB  = CF00#           LOC     RAMSCAN

                ;       --------------  This code, in turn, is moved into the stack,
                ;                       where (hopefully) it will remain untouched by
                ;                       normal execution of the application.  It is
                ;                       needed to reselect the RAM O.S. on [RESET] --+
CF00#           STKCODE                         ;                                    |
CF00# 78                SEI                     ;Disallow interrupts for switchback  |
CF01# A9FE              LDA     #$FE            ;Reestablish access to data at $Cxxx |
CF03# 8D01D3            STA     PORTB           ;By momentarily deselecting ROM O.S. |
CF06# AD58CF            LDA     SVPORTB         ;Load previously saved PORTB status  |
CF09# 8D01D3            STA     PORTB           ;Reconfigure memory/disable ROM O.S. |
CF0C# 4C74E4            JMP     WARMSV          ;Re-invoke WARM START -->            |
      = 000F    STKLEN  EQU     * - STKCODE     ;                                    |
                ;                                                                    |
                ;       --------------  End of Stack Usage  -------------------------+


                ;       The 'trojan' instructions are executed just after memory
                ;       is cleared after both a COLD or WARM start in the 800 O.S.
                ;       It deposits the above routine in the stack and restores
                ;       some key values needed by the XL O.S. to discriminate be-
                ;       tween a WARM and COLD start upon the user pressing [RESET].

CF0F#           TROJAN  PATCH   RAMLINK,STKCODE,STKLEN
CF38# AD59CF            LDA     SVINTLK         ;Restore XL-O.S. control bytes
CF3B# 8DFA03            STA     GINTLK
CF3E# AD5ACF            LDA     SVCRTCK
CF41# 8DEB03            STA     CARTCK

CF44# A202              LDX     #2              ;Restore 'magic' power-up bytes
CF46# BD5BCF    REWARM  LDA     SVPUCHK,X
CF49# 9D3D03            STA     PUPBT1,X
CF4C# CA                DEX
CF4D# 10F7 ^CF46        BPL     REWARM

CF4F# A902              LDA     #2              ;Complete 'patched' code
CF51# 8552              STA     LMARGN
CF53# 4C77F1            JMP     $F177           ;Return to O.S. initialization code
```

```
                ;       Storage area for key TRANSLATOR variables  --------------------+
                                                ;                                       |
CF56# = 0002    SVDINI  DS      2               ;Application's DOSINI saved here       |
CF58# = 0001    SVPORTB DS      1               ;COLD START PORTB status saved here    |
CF59# = 0001    SVINTLK DS      1               ;Cartridge interlock flag saved here   |
CF5A# = 0001    SVCRTCK DS      1               ;Cartridge checksum saved here         |
CF5B# = 0003    SVPUCHK DS      3               ;O.S. WARM START test bytes saved here |
                                                ;                                       |
                ;       The above bytes should not be touched by the application  -----+


                ;       This ensures the O.S. stops sizing RAM at $C000  ---------------

CF5E# 18        SIZRAM  CLC                     ;Patch to O.S. RAM sizing code
CF5F# 6910              ADC     #$10
CF61# 8506              STA     TRAMSZ
CF63# C9C0              CMP     #$C0            ;Stop scan at $C000
CF65# B003 ^CF6A        BCS     SIZRTS
CF67# 4C5FF2            JMP     $F25F
CF6A# 60        SIZRTS  RTS


                ;       These routines 'WATCH' for the application stealing the
                ;       DOSINI vector.  If that happens, the new value is saved
                ;       at SVDINI and DOSINI is re-stuffed with a vector to the
                ;       [RESET] recovery code hidden in page 1.

CF6B#           COLDIN  WATCH                   ;Special case for 1 boot sector disks
CF85# 6C56CF            JMP     (SVDINI)


CF88# 8D0ED2    DSCAN1  STA     IRQEN           ;Low-level IRQ patch
CF8B#                   WATCH
CFA5# 4C3AE7            JMP     $E73A

CFA8#           DSCAN2  WATCH                   ;VBLANK NMI patch
CFC2# 6C2202            JMP     (VVBLKI)


CFC5# 436F707972 CPYRT  DB      'Copyright 1983 ATARI, Inc.'
CFDF# 02BB5A305F        DB      $02,$BB,$5A,$30,$5F,$EE,$3D,$A8,$20
CFE8# 475052264A        DB      $47,$50,$52,$26,$4A,$42,$4D,$33,$20

CFF1# = 3DDC            ORG     *O
      = 00F1    PC0LEN  EQU     * - PC0CODE
                ;                                                                       ^
                ;                                                                       |
                ;       This ends the code stored in $Cxxx  --------------------------+

3DDC                    ALIGN

                        INCLUDE D2:OSB800.ASM
```

```
3E00
                    ;       ---------------------------------------------------
                    ;       This is an INCLUDEable file of the 800 Operating
                    ;       System, REV B.  It should be noted that several patches
                    ;       have been made in order to accommodate the operation of
                    ;       this O.S. in the 'XL' computer line.
                    ;
                    ;       The first patch is shown below:
                    ;
                    ;       $E6D5   IHINIT  LDA     #$40
                    ;                       STA     NMIEN
                    ;                       LDA     #$38
                    ;                       STA     PACTL
                    ;                       STA     PBCTL
                    ;                       LDA     #$00
                    ;                       STA     PORTA
                    ;                       STA     PORTB
                    ;
                    ;               If this code were to execute, it would switch back
                    ;               to the XL OS.  Therefore, the patch is as follows:
                    ;
                    ;       $E6D5   IHINIT  LDA     #$40
                    ;                       STA     NMIEN
                    ;                       LDA     #$38
                    ;                       STA     PACTL
                    ;                       NOP ! NOP ! NOP
                    ;                       LDA     #$00
                    ;                       STA     PORTA
                    ;                       NOP ! NOP ! NOP
                    ;
                    ;       The other patch area occurs during Hardware Initialization:
                    ;
                    ;       $F277   HARDI   LDA     #$00
                    ;                       TAX
                    ;               CLRCHP  STA     $D000,X
                    ;                       STA     $D400,X
                    ;                       STA     $D200,X
                    ;                       STA     $D300,X
                    ;                       INX
                    ;                       BNE     CLRCHP
                    ;                       RTS
                    ;
                    ;               Once again, storing to PORTB or PBCTL will cause
                    ;               the XL OS to return.  The patch is shown below.
                    ;
                    ;       $F277   HARDI   LDA     #$00
                    ;                       TAX
                    ;               CLRCHP  STA     $D000,X
                    ;                       STA     $D400,X
                    ;                       STA     $D200,X
                    ;                       NOP ! NOP ! NOP
                    ;                       INX
                    ;                       BNE     CLRCHP
                    ;                       RTS
                    ;       ---------------------------------------------------
```

```
3E00  20A1DB20BB  OSOBJ   DB      $20,$A1,$DB,$20,$BB,$DB,$B0,$39,$A2,$ED,$A0,$04,$20,$48,$DA,$A2
3E10  FF86F12044          DB      $FF,$86,$F1,$20,$44,$DA,$F0,$04,$A9,$FF,$85,$F0,$20,$94,$DB,$B0
3E20  2148A6D5D0          DB      $21,$48,$A6,$D5,$D0,$11,$20,$EB,$DB,$68,$05,$D9,$85,$D9,$A6,$F1
3E30  30E6E886F1          DB      $30,$E6,$E8,$86,$F1,$D0,$E1,$68,$A6,$F1,$10,$02,$E6,$ED,$4C,$18
3E40  D860C92EF0          DB      $D8,$60,$C9,$2E,$F0,$14,$C9,$45,$F0,$19,$A6,$F0,$D0,$68,$C9,$2B
3E50  F0C6C92DF0          DB      $F0,$C6,$C9,$2D,$F0,$00,$85,$EE,$F0,$BE,$A6,$F1,$10,$58,$E8,$86
3E60  F1F0B5A5F2          DB      $F1,$F0,$B5,$A5,$F2,$85,$EC,$20,$94,$DB,$B0,$37,$AA,$A5,$ED,$48
3E70  86ED2094DB          DB      $86,$ED,$20,$94,$DB,$B0,$17,$48,$A5,$ED,$0A,$85,$ED,$0A,$0A,$65
3E80  ED85ED6818          DB      $ED,$85,$ED,$68,$18,$65,$ED,$85,$ED,$A4,$F2,$20,$9D,$DB,$A5,$EF
3E90  F009A5ED49          DB      $F0,$09,$A5,$ED,$49,$FF,$18,$69,$01,$85,$ED,$68,$18,$65,$ED,$85
3EA0  EDD013C92B          DB      $ED,$D0,$13,$C9,$2B,$F0,$06,$C9,$2D,$D0,$07,$85,$EF,$20,$94,$DB
3EB0  90BAA5EC85          DB      $90,$BA,$A5,$EC,$85,$F2,$C6,$F2,$A5,$ED,$A6,$F1,$30,$05,$F0,$03
3EC0  38E5F1482A          DB      $38,$E5,$F1,$48,$2A,$68,$6A,$85,$ED,$90,$03,$20,$EB,$DB,$A5,$ED
3ED0  18694485D4          DB      $18,$69,$44,$85,$D4,$20,$00,$DC,$B0,$0B,$A6,$EE,$F0,$06,$A5,$D4
3EE0  098085D418          DB      $09,$80,$85,$D4,$18,$60,$20,$51,$DA,$A9,$30,$8D,$7F,$05,$A5,$D4
3EF0  F028297FC9          DB      $F0,$28,$29,$7F,$C9,$3F,$90,$28,$C9,$45,$B0,$24,$38,$E9,$3F,$20
3F00  70DC20A4DC          DB      $70,$DC,$20,$A4,$DC,$09,$80,$9D,$80,$05,$AD,$80,$05,$C9,$2E,$F0
3F10  034C88D920          DB      $03,$4C,$88,$D9,$20,$C1,$DC,$4C,$9C,$D9,$A9,$B0,$8D,$80,$05,$60
3F20  A9012070DC          DB      $A9,$01,$20,$70,$DC,$20,$A4,$DC,$E8,$86,$F2,$A5,$D4,$0A,$38,$E9
3F30  80AE8005E0          DB      $80,$AE,$80,$05,$E0,$30,$F0,$17,$AE,$81,$05,$AC,$82,$05,$8E,$82
3F40  058C8105A6          DB      $05,$8C,$81,$05,$A6,$F2,$E0,$02,$D0,$02,$E6,$F2,$18,$69,$01,$85
3F50  EDA945A4F2          DB      $ED,$A9,$45,$A4,$F2,$20,$9F,$DC,$84,$F2,$A5,$ED,$10,$0B,$A9,$00
3F60  38E5ED85ED          DB      $38,$E5,$ED,$85,$ED,$A9,$2D,$D0,$02,$A9,$2B,$20,$9F,$DC,$A2,$00
3F70  A5ED38E90A          DB      $A5,$ED,$38,$E9,$0A,$90,$03,$E8,$D0,$F8,$18,$69,$0A,$48,$8A,$20
3F80  9DDC680980          DB      $9D,$DC,$68,$09,$80,$20,$9D,$DC,$AD,$80,$05,$C9,$30,$D0,$0D,$18
3F90  A5F3690185          DB      $A5,$F3,$69,$01,$85,$F3,$A5,$F4,$69,$00,$85,$F4,$A5,$D4,$10,$09
3FA0  20C1DCA000          DB      $20,$C1,$DC,$A0,$00,$A9,$2D,$91,$F3,$60,$A5,$D4,$85,$F8,$A5,$D5
3FB0  85F72044DA          DB      $85,$F7,$20,$44,$DA,$F8,$A0,$10,$06,$F8,$26,$F7,$A2,$03,$B5,$D4
3FC0  75D495D4CA          DB      $75,$D4,$95,$D4,$CA,$D0,$F7,$88,$D0,$EE,$D8,$A9,$42,$85,$D4,$4C
3FD0  00DCA90085          DB      $00,$DC,$A9,$00,$85,$F7,$85,$F8,$A5,$D4,$30,$66,$C9,$43,$B0,$62
3FE0  38E940903F          DB      $38,$E9,$40,$90,$3F,$69,$00,$0A,$85,$F5,$20,$5A,$DA,$B0,$53,$A5
3FF0  F785F9A5F8          DB      $F7,$85,$F9,$A5,$F8,$85,$FA,$20,$5A,$DA,$B0,$46,$20,$5A,$DA,$B0
4000  4118A5F865          DB      $41,$18,$A5,$F8,$65,$FA,$85,$F8,$A5,$F7,$65,$F9,$85,$F7,$B0,$32
4010  20B9DC1865          DB      $20,$B9,$DC,$18,$65,$F8,$85,$F8,$A5,$F7,$69,$00,$B0,$24,$85,$F7
4020  C6F5D0C620          DB      $C6,$F5,$D0,$C6,$20,$B9,$DC,$C9,$05,$90,$0D,$18,$A5,$F8,$69,$01
4030  85F8A5F769          DB      $85,$F8,$A5,$F7,$69,$00,$85,$F7,$A5,$F8,$85,$D4,$A5,$F7,$85,$D5
4040  18603860A2          DB      $18,$60,$38,$60,$A2,$D4,$A0,$06,$A9,$00,$95,$00,$E8,$88,$D0,$FA
4050  60A90585F4          DB      $60,$A9,$05,$85,$F4,$A9,$80,$85,$F3,$60,$18,$26,$F8,$26,$F7,$60
4060  A5E0498085          DB      $A5,$E0,$49,$80,$85,$E0,$A5,$E0,$29,$7F,$85,$F7,$A5,$D4,$29,$7F
4070  38E5F71010          DB      $38,$E5,$F7,$10,$10,$A2,$05,$B5,$D4,$B4,$E0,$95,$E0,$98,$95,$D4
4080  CA10F430E1          DB      $CA,$10,$F4,$30,$E1,$F0,$07,$C9,$05,$B0,$19,$20,$3E,$DC,$F8,$A5
4090  D445E0301E          DB      $D4,$45,$E0,$30,$1E,$A2,$04,$18,$B5,$D5,$75,$E1,$95,$D5,$CA,$10
40A0  F7D8B0034C          DB      $F7,$D8,$B0,$03,$4C,$00,$DC,$A9,$01,$20,$3A,$DC,$A9,$01,$85,$D5
40B0  4C00DCA204          DB      $4C,$00,$DC,$A2,$04,$38,$B5,$D5,$F5,$E1,$95,$D5,$CA,$10,$F7,$90
40C0  04D84C00DC          DB      $04,$D8,$4C,$00,$DC,$A5,$D4,$49,$80,$85,$D4,$38,$A2,$04,$A9,$00
40D0  F5D595D5CA          DB      $F5,$D5,$95,$D5,$CA,$10,$F7,$D8,$4C,$00,$DC,$A5,$D4,$F0,$45,$A5
40E0  E0F03E20CF          DB      $E0,$F0,$3E,$20,$CF,$DC,$38,$E9,$40,$38,$65,$E0,$30,$38,$20,$E0
40F0  DCA5DF290F          DB      $DC,$A5,$DF,$29,$0F,$85,$F6,$C6,$F6,$30,$06,$20,$01,$DD,$4C,$F7
4100  DAA5DF4A4A          DB      $DA,$A5,$DF,$4A,$4A,$4A,$4A,$85,$F6,$C6,$F6,$30,$06,$20,$05,$DD
4110  4C09DB2062          DB      $4C,$09,$DB,$20,$62,$DC,$C6,$F5,$D0,$D7,$A5,$ED,$85,$D4,$4C,$04
4120  DC2044DA18          DB      $DC,$20,$44,$DA,$18,$60,$38,$60,$A5,$E0,$F0,$FA,$A5,$D4,$F0,$F4
4130  20CFDC38E5          DB      $20,$CF,$DC,$38,$E5,$E0,$18,$69,$40,$30,$EB,$20,$E0,$DC,$E6,$F5
4140  4C4EDBA200          DB      $4C,$4E,$DB,$A2,$00,$B5,$D5,$95,$D4,$E8,$E0,$0C,$D0,$F7,$A0,$05
4150  38F8B9DA00          DB      $38,$F8,$B9,$DA,$00,$F9,$E6,$00,$99,$DA,$00,$88,$10,$F4,$D8,$90
4160  04E6D9D0E9          DB      $04,$E6,$D9,$D0,$E9,$20,$0F,$DD,$06,$D9,$06,$D9,$06,$D9,$06,$D9
4170  A00538F8B9          DB      $A0,$05,$38,$F8,$B9,$DA,$00,$F9,$E0,$00,$99,$DA,$00,$88,$10,$F4
4180  D89004E6D9          DB      $D8,$90,$04,$E6,$D9,$D0,$E9,$20,$09,$DD,$C6,$F5,$D0,$B5,$20,$62
```

```
4190  DC4C1ADB20          DB      $DC,$4C,$1A,$DB,$20,$AF,$DB,$A4,$F2,$90,$02,$B1,$F3,$C8,$84,$F2
41A0  60A4F2A920          DB      $60,$A4,$F2,$A9,$20,$D1,$F3,$D0,$03,$C8,$D0,$F9,$84,$F2,$60,$A4
41B0  F2B1F338E9          DB      $F2,$B1,$F3,$38,$E9,$30,$90,$18,$C9,$0A,$60,$A5,$F2,$48,$20,$94
41C0  DB901FC92E          DB      $DB,$90,$1F,$C9,$2E,$F0,$14,$C9,$2B,$F0,$07,$C9,$2D,$F0,$03,$68
41D0  38602094DB          DB      $38,$60,$20,$94,$DB,$90,$0B,$C9,$2E,$D0,$F4,$20,$94,$DB,$90,$02
41E0  B0ED6885F2          DB      $B0,$ED,$68,$85,$F2,$18,$60,$A2,$E7,$D0,$02,$A2,$D5,$A0,$04,$18
41F0  3604360336          DB      $36,$04,$36,$03,$36,$02,$36,$01,$36,$00,$26,$EC,$88,$D0,$F0,$60
4200  A20086DAA2          DB      $A2,$00,$86,$DA,$A2,$04,$A5,$D4,$F0,$2E,$A5,$D5,$D0,$1A,$A0,$00
4210  B9D60099D5          DB      $B9,$D6,$00,$99,$D5,$00,$C8,$C0,$05,$90,$F5,$C6,$D4,$CA,$D0,$EA
4220  A5D5D00485          DB      $A5,$D5,$D0,$04,$85,$D4,$18,$60,$A5,$D4,$29,$7F,$C9,$71,$90,$01
4230  60C90FB003          DB      $60,$C9,$0F,$B0,$03,$20,$44,$DA,$18,$60,$A2,$D4,$D0,$02,$A2,$E0
4240  86F985F785          DB      $86,$F9,$85,$F7,$85,$F8,$A0,$04,$B5,$04,$95,$05,$CA,$88,$D0,$F8
4250  A9009505A6          DB      $A9,$00,$95,$05,$A6,$F9,$C6,$F7,$D0,$EC,$B5,$00,$18,$65,$F8,$95
4260  0060A20AB5          DB      $00,$60,$A2,$0A,$B5,$D4,$95,$D5,$CA,$10,$F9,$A9,$00,$85,$D4,$60
4270  85F7A200A0          DB      $85,$F7,$A2,$00,$A0,$00,$20,$93,$DC,$38,$E9,$01,$85,$F7,$B5,$D5
4280  4A4A4A4A20          DB      $4A,$4A,$4A,$4A,$20,$9D,$DC,$B5,$D5,$29,$0F,$20,$9D,$DC,$E8,$E0
4290  0590E3A5F7          DB      $05,$90,$E3,$A5,$F7,$D0,$05,$A9,$2E,$20,$9F,$DC,$60,$09,$30,$99
42A0  8005C860A2          DB      $80,$05,$C8,$60,$A2,$0A,$BD,$80,$05,$C9,$2E,$F0,$07,$C9,$30,$D0
42B0  07CAD0F2CA          DB      $07,$CA,$D0,$F2,$CA,$BD,$80,$05,$60,$20,$EB,$DB,$A5,$EC,$29,$0F
42C0  6038A5F3E9          DB      $60,$38,$A5,$F3,$E9,$01,$85,$F3,$A5,$F4,$E9,$00,$85,$F4,$60,$A5
42D0  D445E02980          DB      $D4,$45,$E0,$29,$80,$85,$EE,$06,$E0,$46,$E0,$A5,$D4,$29,$7F,$60
42E0  05EE85EDA9          DB      $05,$EE,$85,$ED,$A9,$00,$85,$D4,$85,$E0,$20,$28,$DD,$20,$E7,$DB
42F0  A5EC290F85          DB      $A5,$EC,$29,$0F,$85,$E6,$A9,$05,$85,$F5,$20,$34,$DD,$20,$44,$DA
4300  60A2D9D006          DB      $60,$A2,$D9,$D0,$06,$A2,$D9,$D0,$08,$A2,$DF,$A0,$E5,$D0,$04,$A2
4310  DFA0EBA905          DB      $DF,$A0,$EB,$A9,$05,$85,$F7,$18,$F8,$B5,$00,$79,$00,$00,$95,$00
4320  CA88C6F710          DB      $CA,$88,$C6,$F7,$10,$F3,$D8,$60,$A0,$05,$B9,$E0,$00,$99,$E6,$00
4330  8810F760A0          DB      $88,$10,$F7,$60,$A0,$05,$B9,$D4,$00,$99,$DA,$00,$88,$10,$F7,$60
4340  86FE84FF85          DB      $86,$FE,$84,$FF,$85,$EF,$A2,$E0,$A0,$05,$20,$A7,$DD,$20,$B6,$DD
4350  A6FEA4FF20          DB      $A6,$FE,$A4,$FF,$20,$89,$DD,$C6,$EF,$F0,$2D,$20,$DB,$DA,$B0,$28
4360  18A5FE6906          DB      $18,$A5,$FE,$69,$06,$85,$FE,$90,$06,$A5,$FF,$69,$00,$85,$FF,$A6
4370  FEA4FF2098          DB      $FE,$A4,$FF,$20,$98,$DD,$20,$66,$DA,$B0,$0D,$C6,$EF,$F0,$09,$A2
4380  E0A0052098          DB      $E0,$A0,$05,$20,$98,$DD,$30,$D3,$60,$86,$FC,$84,$FD,$A0,$05,$B1
4390  FC99D40088          DB      $FC,$99,$D4,$00,$88,$10,$F8,$60,$86,$FC,$84,$FD,$A0,$05,$B1,$FC
43A0  99E0008810          DB      $99,$E0,$00,$88,$10,$F8,$60,$86,$FC,$84,$FD,$A0,$05,$B9,$D4,$00
43B0  91FC8810F8          DB      $91,$FC,$88,$10,$F8,$60,$A2,$05,$B5,$D4,$95,$E0,$CA,$10,$F9,$60
43C0  A289A0DE20          DB      $A2,$89,$A0,$DE,$20,$98,$DD,$20,$DB,$DA,$B0,$7F,$A9,$00,$85,$F1
43D0  A5D485F029          DB      $A5,$D4,$85,$F0,$29,$7F,$85,$D4,$38,$E9,$40,$30,$26,$C9,$04,$10
43E0  6AA2E6A005          DB      $6A,$A2,$E6,$A0,$05,$20,$A7,$DD,$20,$D2,$D9,$A5,$D4,$85,$F1,$A5
43F0  D5D05820AA          DB      $D5,$D0,$58,$20,$AA,$D9,$20,$B6,$DD,$A2,$E6,$A0,$05,$20,$89,$DD
4400  2060DAA90A          DB      $20,$60,$DA,$A9,$0A,$A2,$4D,$A0,$DE,$20,$40,$DD,$20,$B6,$DD,$20
4410  DBDAA5F1F0          DB      $DB,$DA,$A5,$F1,$F0,$23,$18,$6A,$85,$E0,$A9,$01,$90,$02,$A9,$10
4420  85E1A204A9          DB      $85,$E1,$A2,$04,$A9,$00,$95,$E2,$CA,$10,$FB,$A5,$E0,$18,$69,$40
4430  B019301785          DB      $B0,$19,$30,$17,$85,$E0,$20,$DB,$DA,$A5,$F0,$10,$0D,$20,$B6,$DD
4440  A28FA0DE20          DB      $A2,$8F,$A0,$DE,$20,$89,$DD,$20,$28,$DB,$60,$38,$60,$3D,$17,$94
4450  1900003D57          DB      $19,$00,$00,$3D,$57,$33,$05,$00,$00,$3E,$05,$54,$76,$62,$00,$3E
4460  3219622700          DB      $32,$19,$62,$27,$00,$3F,$01,$68,$60,$30,$36,$3F,$07,$32,$03,$27
4470  413F254334          DB      $41,$3F,$25,$43,$34,$56,$75,$3F,$66,$27,$37,$30,$50,$40,$01,$15
4480  1292553F99          DB      $12,$92,$55,$3F,$99,$99,$99,$99,$99,$3F,$43,$42,$94,$48,$19,$40
4490  0100000000          DB      $01,$00,$00,$00,$00,$86,$FE,$84,$FF,$A2,$E0,$A0,$05,$20,$A7,$DD
44A0  A6FEA4FF20          DB      $A6,$FE,$A4,$FF,$20,$98,$DD,$20,$66,$DA,$A2,$E6,$A0,$05,$20,$A7
44B0  DDA2E0A005          DB      $DD,$A2,$E0,$A0,$05,$20,$89,$DD,$A6,$FE,$A4,$FF,$20,$98,$DD,$20
44C0  60DAA2E6A0          DB      $60,$DA,$A2,$E6,$A0,$05,$20,$98,$DD,$20,$28,$DB,$60,$A9,$01,$D0
44D0  02A90085F0          DB      $02,$A9,$00,$85,$F0,$A5,$D4,$10,$02,$38,$60,$A5,$D4,$85,$E0,$38
44E0  E9400A85F1          DB      $E9,$40,$0A,$85,$F1,$A5,$D5,$29,$F0,$D0,$04,$A9,$01,$D0,$04,$E6
44F0  F1A91085E1          DB      $F1,$A9,$10,$85,$E1,$A2,$04,$A9,$00,$95,$E2,$CA,$10,$FB,$20,$28
4500  DBA266A0DF          DB      $DB,$A2,$66,$A0,$DF,$20,$95,$DE,$A2,$E6,$A0,$05,$20,$A7,$DD,$20
4510  B6DD20DBDA          DB      $B6,$DD,$20,$DB,$DA,$A9,$0A,$A2,$72,$A0,$DF,$20,$40,$DD,$A2,$E6
```

```
4520  A0052098DD          DB      $A0,$05,$20,$98,$DD,$20,$DB,$DA,$A2,$6C,$A0,$DF,$20,$98,$DD,$20
4530  66DA20B6DD          DB      $66,$DA,$20,$B6,$DD,$A9,$00,$85,$D5,$A5,$F1,$85,$D4,$10,$07,$49
4540  FF18690185          DB      $FF,$18,$69,$01,$85,$D4,$20,$AA,$D9,$24,$F1,$10,$06,$A9,$80,$05
4550  D485D42066          DB      $D4,$85,$D4,$20,$66,$DA,$A5,$F0,$F0,$0A,$A2,$89,$A0,$DE,$20,$98
4560  DD2028DB18          DB      $DD,$20,$28,$DB,$18,$60,$40,$03,$16,$22,$77,$66,$3F,$50,$00,$00
4570  00003F4915          DB      $00,$00,$3F,$49,$15,$57,$11,$08,$BF,$51,$70,$49,$47,$08,$3F,$39
4580  20576195BF          DB      $20,$57,$61,$95,$BF,$04,$39,$63,$03,$55,$3F,$10,$09,$30,$12,$64
4590  3F09390804          DB      $3F,$09,$39,$08,$04,$60,$3F,$12,$42,$58,$47,$42,$3F,$17,$37,$12
45A0  06083F2895          DB      $06,$08,$3F,$28,$95,$29,$71,$17,$3F,$86,$85,$88,$96,$44,$3E,$16
45B0  05444900BE          DB      $05,$44,$49,$00,$BE,$95,$68,$38,$45,$00,$3F,$02,$68,$79,$94,$16
45C0  BF04927890          DB      $BF,$04,$92,$78,$90,$80,$3F,$07,$03,$15,$20,$00,$BF,$08,$92,$29
45D0  12443F1108          DB      $12,$44,$3F,$11,$08,$40,$09,$11,$BF,$14,$28,$31,$56,$04,$3F,$19
45E0  99987744BF          DB      $99,$98,$77,$44,$BF,$33,$33,$33,$31,$13,$3F,$99,$99,$99,$99,$99
45F0  3F78539816          DB      $3F,$78,$53,$98,$16,$34,$98,$16,$34,$FC,$E0,$32,$50,$D9,$68,$11
4600  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00,$00,$18,$18,$18,$18,$00,$18,$00
4610  0066666600          DB      $00,$66,$66,$66,$00,$00,$00,$00,$00,$66,$FF,$66,$66,$FF,$66,$00
4620  183E603C06          DB      $18,$3E,$60,$3C,$06,$7C,$18,$00,$00,$66,$6C,$18,$30,$66,$46,$00
4630  1C361C386F          DB      $1C,$36,$1C,$38,$6F,$66,$3B,$00,$00,$18,$18,$18,$00,$00,$00,$00
4640  000E1C1818          DB      $00,$0E,$1C,$18,$18,$1C,$0E,$00,$00,$70,$38,$18,$18,$38,$70,$00
4650  00663CFF3C          DB      $00,$66,$3C,$FF,$3C,$66,$00,$00,$00,$18,$18,$7E,$18,$18,$00,$00
4660  0000000000          DB      $00,$00,$00,$00,$00,$18,$18,$30,$00,$00,$00,$7E,$00,$00,$00,$00
4670  0000000000          DB      $00,$00,$00,$00,$00,$18,$18,$00,$00,$00,$06,$0C,$18,$30,$60,$40,$00
4680  003C666E76          DB      $00,$3C,$66,$6E,$76,$66,$3C,$00,$00,$18,$38,$18,$18,$18,$7E,$00
4690  003C660C18          DB      $00,$3C,$66,$0C,$18,$30,$7E,$00,$00,$7E,$0C,$18,$0C,$66,$3C,$00
46A0  000C1C3C6C          DB      $00,$0C,$1C,$3C,$6C,$7E,$0C,$00,$00,$7E,$60,$7C,$06,$66,$3C,$00
46B0  003C607C66          DB      $00,$3C,$60,$7C,$66,$66,$3C,$00,$00,$7E,$06,$0C,$18,$30,$30,$00
46C0  003C663C66          DB      $00,$3C,$66,$3C,$66,$66,$3C,$00,$00,$3C,$66,$3E,$06,$0C,$38,$00
46D0  0000181800          DB      $00,$00,$18,$18,$00,$18,$18,$00,$00,$00,$18,$18,$00,$18,$18,$30
46E0  060C183018          DB      $06,$0C,$18,$30,$18,$0C,$06,$00,$00,$00,$7E,$00,$00,$7E,$00,$00
46F0  6030180C18          DB      $60,$30,$18,$0C,$18,$30,$60,$00,$00,$3C,$66,$0C,$18,$00,$18,$00
4700  003C666E6E          DB      $00,$3C,$66,$6E,$6E,$60,$3E,$00,$00,$18,$3C,$66,$66,$7E,$66,$00
4710  007C667C66          DB      $00,$7C,$66,$7C,$66,$66,$7C,$00,$00,$3C,$66,$60,$60,$66,$3C,$00
4720  00786C6666          DB      $00,$78,$6C,$66,$66,$6C,$78,$00,$00,$7E,$60,$7C,$60,$60,$7E,$00
4730  007E607C60          DB      $00,$7E,$60,$7C,$60,$60,$60,$00,$00,$3E,$60,$60,$6E,$66,$3E,$00
4740  0066667E66          DB      $00,$66,$66,$7E,$66,$66,$66,$00,$00,$7E,$18,$18,$18,$18,$7E,$00
4750  0006060606          DB      $00,$06,$06,$06,$06,$66,$3C,$00,$00,$66,$6C,$78,$78,$6C,$66,$00
4760  0060606060          DB      $00,$60,$60,$60,$60,$60,$7E,$00,$00,$63,$77,$7F,$6B,$63,$63,$00
4770  0066767E7E          DB      $00,$66,$76,$7E,$7E,$6E,$66,$00,$00,$3C,$66,$66,$66,$66,$3C,$00
4780  007C66667C          DB      $00,$7C,$66,$66,$7C,$60,$60,$00,$00,$3C,$66,$66,$66,$6C,$36,$00
4790  007C66667C          DB      $00,$7C,$66,$66,$7C,$6C,$66,$00,$00,$3C,$60,$3C,$06,$06,$3C,$00
47A0  007E181818          DB      $00,$7E,$18,$18,$18,$18,$18,$00,$00,$66,$66,$66,$66,$66,$7E,$00
47B0  0066666666          DB      $00,$66,$66,$66,$66,$3C,$18,$00,$00,$63,$63,$6B,$7F,$77,$63,$00
47C0  0066663C3C          DB      $00,$66,$66,$3C,$3C,$66,$66,$00,$00,$66,$66,$3C,$18,$18,$18,$00
47D0  007E0C1830          DB      $00,$7E,$0C,$18,$30,$60,$7E,$00,$00,$1E,$18,$18,$18,$18,$1E,$00
47E0  0040603018          DB      $00,$40,$60,$30,$18,$0C,$06,$00,$00,$78,$18,$18,$18,$18,$78,$00
47F0  00081C3663          DB      $00,$08,$1C,$36,$63,$00,$00,$00,$00,$00,$00,$00,$00,$00,$FF,$00
4800  00367F7F3E          DB      $00,$36,$7F,$7F,$3E,$1C,$08,$00,$18,$18,$18,$1F,$1F,$18,$18,$18
4810  0303030303          DB      $03,$03,$03,$03,$03,$03,$03,$03,$18,$18,$18,$F8,$F8,$00,$00,$00
4820  181818F8F8          DB      $18,$18,$18,$F8,$F8,$18,$18,$18,$00,$00,$00,$F8,$F8,$18,$18,$18
4830  03070E1C38          DB      $03,$07,$0E,$1C,$38,$70,$E0,$C0,$C0,$E0,$70,$38,$1C,$0E,$07,$03
4840  0103070F1F          DB      $01,$03,$07,$0F,$1F,$3F,$7F,$FF,$00,$00,$00,$00,$0F,$0F,$0F,$0F
4850  80C0E0F0F8          DB      $80,$C0,$E0,$F0,$F8,$FC,$FE,$FF,$0F,$0F,$0F,$0F,$00,$00,$00,$00
4860  F0F0F0F000          DB      $F0,$F0,$F0,$F0,$00,$00,$00,$00,$FF,$FF,$00,$00,$00,$00,$00,$00
4870  0000000000          DB      $00,$00,$00,$00,$00,$00,$FF,$FF,$00,$00,$00,$00,$F0,$F0,$F0,$F0
4880  001C1C7777          DB      $00,$1C,$1C,$77,$77,$08,$1C,$00,$00,$00,$00,$1F,$1F,$18,$18,$18
4890  000000FFFF          DB      $00,$00,$00,$FF,$FF,$00,$00,$00,$18,$18,$18,$FF,$FF,$18,$18,$18
48A0  00003C7E7E          DB      $00,$00,$3C,$7E,$7E,$7E,$3C,$00,$00,$00,$00,$00,$FF,$FF,$FF,$FF
```

```
48B0  C0C0C0C0C0          DB      $C0,$C0,$C0,$C0,$C0,$C0,$C0,$C0,$00,$00,$00,$FF,$FF,$18,$18,$18
48C0  181818FFFF          DB      $18,$18,$18,$FF,$FF,$00,$00,$00,$F0,$F0,$F0,$F0,$F0,$F0,$F0,$F0
48D0  1818181F1F          DB      $18,$18,$18,$1F,$1F,$00,$00,$00,$78,$60,$78,$60,$7E,$18,$1E,$00
48E0  00183C7E18          DB      $00,$18,$3C,$7E,$18,$18,$18,$00,$00,$18,$18,$18,$7E,$3C,$18,$00
48F0  0018307E30          DB      $00,$18,$30,$7E,$30,$18,$00,$00,$00,$18,$0C,$7E,$0C,$18,$00,$00
4900  00183C7E7E          DB      $00,$18,$3C,$7E,$7E,$3C,$18,$00,$00,$00,$3C,$06,$3E,$66,$3E,$00
4910  0060607C66          DB      $00,$60,$60,$7C,$66,$66,$7C,$00,$00,$00,$3C,$60,$60,$60,$3C,$00
4920  0006063E66          DB      $00,$06,$06,$3E,$66,$66,$3E,$00,$00,$00,$3C,$66,$7E,$60,$3C,$00
4930  000E183E18          DB      $00,$0E,$18,$3E,$18,$18,$18,$00,$00,$00,$3E,$66,$66,$3E,$06,$7C
4940  0060607C66          DB      $00,$60,$60,$7C,$66,$66,$66,$00,$00,$18,$00,$38,$18,$18,$3C,$00
4950  0006000606          DB      $00,$06,$00,$06,$06,$06,$06,$3C,$00,$60,$60,$6C,$78,$6C,$66,$00
4960  0038181818          DB      $00,$38,$18,$18,$18,$18,$3C,$00,$00,$00,$66,$7F,$7F,$6B,$63,$00
4970  00007C6666          DB      $00,$00,$7C,$66,$66,$66,$66,$00,$00,$00,$3C,$66,$66,$66,$3C,$00
4980  00007C6666          DB      $00,$00,$7C,$66,$66,$7C,$60,$60,$00,$00,$3E,$66,$66,$3E,$06,$06
4990  00007C6660          DB      $00,$00,$7C,$66,$60,$60,$60,$00,$00,$00,$3E,$60,$3C,$06,$7C,$00
49A0  00187E1818          DB      $00,$18,$7E,$18,$18,$18,$0E,$00,$00,$00,$66,$66,$66,$66,$3E,$00
49B0  0000666666          DB      $00,$00,$66,$66,$66,$3C,$18,$00,$00,$00,$63,$6B,$7F,$3E,$36,$00
49C0  0000663C18          DB      $00,$00,$66,$3C,$18,$3C,$66,$00,$00,$00,$66,$66,$66,$3E,$0C,$78
49D0  00007E0C18          DB      $00,$00,$7E,$0C,$18,$30,$7E,$00,$00,$18,$3C,$7E,$7E,$18,$3C,$00
49E0  1818181818          DB      $18,$18,$18,$18,$18,$18,$18,$18,$00,$7E,$78,$7C,$6E,$66,$06,$00
49F0  0818387838          DB      $08,$18,$38,$78,$38,$18,$08,$00,$10,$18,$1C,$1E,$1C,$18,$10,$00
4A00  FBF333F63D          DB      $FB,$F3,$33,$F6,$3D,$F6,$A3,$F6,$33,$F6,$3C,$F6,$4C,$E4,$F3,$00
4A10  F5F333F692          DB      $F5,$F3,$33,$F6,$92,$F5,$B6,$F5,$33,$F6,$FB,$FC,$4C,$E4,$F3,$00
4A20  33F633F6E1          DB      $33,$F6,$33,$F6,$E1,$F6,$3C,$F6,$33,$F6,$3C,$F6,$4C,$E4,$F3,$00
4A30  9EEEDBEE9D          DB      $9E,$EE,$DB,$EE,$9D,$EE,$A6,$EE,$80,$EE,$9D,$EE,$4C,$78,$EE,$00
4A40  4BEF2AF0D5          DB      $4B,$EF,$2A,$F0,$D5,$EF,$0F,$F0,$27,$F0,$4A,$EF,$4C,$41,$EF,$00
4A50  4CEAED4CF0          DB      $4C,$EA,$ED,$4C,$F0,$ED,$4C,$C4,$E4,$4C,$59,$E9,$4C,$ED,$E8,$4C
4A60  AEE74C05E9          DB      $AE,$E7,$4C,$05,$E9,$4C,$44,$E9,$4C,$F2,$EB,$4C,$D5,$E6,$4C,$A6
4A70  E44C23F24C          DB      $E4,$4C,$23,$F2,$4C,$1B,$F1,$4C,$25,$F1,$4C,$E9,$EF,$4C,$5D,$EF
4A80  90E78FE78F          DB      $90,$E7,$8F,$E7,$8F,$E7,$8F,$E7,$BE,$FF,$0F,$EB,$90,$EA,$CF,$EA
4A90  8FE78FE78F          DB      $8F,$E7,$8F,$E7,$8F,$E7,$06,$E7,$00,$00,$00,$00,$00,$00,$00,$00
4AA0  0000AEE705          DB      $00,$00,$AE,$E7,$05,$E9,$A2,$00,$A9,$FF,$9D,$40,$03,$A9,$C0,$9D
4AB0  4603A9E49D          DB      $46,$03,$A9,$E4,$9D,$47,$03,$8A,$18,$69,$10,$AA,$C9,$80,$90,$E8
4AC0  60A0856085          DB      $60,$A0,$85,$60,$85,$2F,$86,$2E,$8A,$29,$0F,$D0,$04,$E0,$80,$90
4AD0  05A0864C1B          DB      $05,$A0,$86,$4C,$1B,$E6,$A0,$00,$BD,$40,$03,$99,$20,$00,$E8,$C8
4AE0  C00C90F4A0          DB      $C0,$0C,$90,$F4,$A0,$84,$A5,$22,$C9,$03,$90,$25,$A8,$C0,$0E,$90
4AF0  02A00E8417          DB      $02,$A0,$0E,$84,$17,$B9,$C6,$E6,$F0,$0F,$C9,$02,$F0,$35,$C9,$08
4B00  B04CC904F0          DB      $B0,$4C,$C9,$04,$F0,$63,$4C,$C9,$E5,$A5,$20,$C9,$FF,$F0,$05,$A0
4B10  814C1BE620          DB      $81,$4C,$1B,$E6,$20,$9E,$E6,$B0,$F8,$20,$3D,$E6,$B0,$F3,$20,$89
4B20  E6A90B8517          DB      $E6,$A9,$0B,$85,$17,$20,$3D,$E6,$A5,$2C,$85,$26,$A5,$2D,$85,$27
4B30  4C1DE6A001          DB      $4C,$1D,$E6,$A0,$01,$84,$23,$20,$3D,$E6,$B0,$03,$20,$89,$E6,$A9
4B40  FF8520A9E4          DB      $FF,$85,$20,$A9,$E4,$85,$27,$A9,$C0,$85,$26,$4C,$1D,$E6,$A5,$20
4B50  C9FFD00520          DB      $C9,$FF,$D0,$05,$20,$9E,$E6,$B0,$B8,$20,$3D,$E6,$20,$89,$E6,$A6
4B60  2EBD400385          DB      $2E,$BD,$40,$03,$85,$20,$4C,$1D,$E6,$A5,$22,$25,$2A,$D0,$05,$A0
4B70  834C1BE620          DB      $83,$4C,$1B,$E6,$20,$3D,$E6,$B0,$F8,$A5,$28,$05,$29,$D0,$08,$20
4B80  89E6852F4C          DB      $89,$E6,$85,$2F,$4C,$1D,$E6,$20,$89,$E6,$85,$2F,$30,$35,$A0,$00
4B90  91242070E6          DB      $91,$24,$20,$70,$E6,$A5,$22,$29,$02,$D0,$0C,$A5,$2F,$C9,$9B,$D0
4BA0  062063E64C          DB      $06,$20,$63,$E6,$4C,$C3,$E5,$20,$63,$E6,$D0,$DB,$A5,$22,$29,$02
4BB0  D0112089E6          DB      $D0,$11,$20,$89,$E6,$85,$2F,$30,$0A,$A5,$2F,$C9,$9B,$D0,$F3,$A9
4BC0  8985232077          DB      $89,$85,$23,$20,$77,$E6,$4C,$1D,$E6,$A5,$22,$25,$2A,$D0,$05,$A0
4BD0  874C1BE620          DB      $87,$4C,$1B,$E6,$20,$3D,$E6,$B0,$F8,$A5,$28,$05,$29,$D0,$06,$A5
4BE0  2FE628D006          DB      $2F,$E6,$28,$D0,$06,$A0,$00,$B1,$24,$85,$2F,$20,$89,$E6,$30,$25
4BF0  2070E6A522          DB      $20,$70,$E6,$A5,$22,$29,$02,$D0,$0C,$A5,$2F,$C9,$9B,$D0,$06,$20
4C00  63E64C15E6          DB      $63,$E6,$4C,$15,$E6,$20,$63,$E6,$D0,$DB,$A5,$22,$29,$02,$D0,$05
4C10  A99B2089E6          DB      $A9,$9B,$20,$89,$E6,$20,$77,$E6,$4C,$1D,$E6,$84,$23,$A4,$2E,$B9
4C20  44038524B9          DB      $44,$03,$85,$24,$B9,$45,$03,$85,$25,$A2,$00,$B5,$20,$99,$40,$03
4C30  E8C8E00C90          DB      $E8,$C8,$E0,$0C,$90,$F5,$A5,$2F,$A6,$2E,$A4,$23,$60,$A4,$20,$C0
```

```
4C40  229004A085          DB      $22,$90,$04,$A0,$85,$B0,$1B,$B9,$1B,$03,$85,$2C,$B9,$1C,$03,$85
4C50  2DA417B9C6          DB      $2D,$A4,$17,$B9,$C6,$E6,$A8,$B1,$2C,$AA,$C8,$B1,$2C,$85,$2D,$86
4C60  2C1860C628          DB      $2C,$18,$60,$C6,$28,$A5,$28,$C9,$FF,$D0,$02,$C6,$29,$05,$29,$60
4C70  E624D002E6          DB      $E6,$24,$D0,$02,$E6,$25,$60,$A6,$2E,$38,$BD,$48,$03,$E5,$28,$85
4C80  28BD4903E5          DB      $28,$BD,$49,$03,$E5,$29,$85,$29,$60,$A0,$92,$20,$93,$E6,$84,$23
4C90  C00060AAA5          DB      $C0,$00,$60,$AA,$A5,$2D,$48,$A5,$2C,$48,$8A,$A6,$2E,$60,$A0,$00
4CA0  B124F00CA0          DB      $B1,$24,$F0,$0C,$A0,$21,$D9,$1A,$03,$F0,$0A,$88,$88,$88,$10,$F6
4CB0  A08238B013          DB      $A0,$82,$38,$B0,$13,$98,$85,$20,$38,$A0,$01,$B1,$24,$E9,$30,$C9
4CC0  0A9002A901          DB      $0A,$90,$02,$A9,$01,$85,$21,$18,$60,$00,$04,$04,$04,$04,$06,$06
4CD0  060602080A          DB      $06,$06,$02,$08,$0A,$A9,$40,$8D,$0E,$D4,$A9,$38,$8D,$02,$D3,$EA
4CE0  EAEAA9008D          DB      $EA,$EA,$A9,$00,$8D,$00,$D3,$EA,$EA,$EA,$A9,$3C,$8D,$02,$D3,$8D
4CF0  03D3606C16          DB      $03,$D3,$60,$6C,$16,$02,$80,$40,$04,$02,$01,$08,$10,$20,$36,$08
4D00  1412100E0C          DB      $14,$12,$10,$0E,$0C,$0A,$48,$AD,$0E,$D2,$29,$20,$D0,$0D,$A9,$DF
4D10  8D0ED2A510          DB      $8D,$0E,$D2,$A5,$10,$8D,$0E,$D2,$6C,$0A,$02,$8A,$48,$A2,$06,$BD
4D20  F6E6E005D0          DB      $F6,$E6,$E0,$05,$D0,$04,$25,$10,$F0,$05,$2C,$0E,$D2,$F0,$06,$CA
4D30  10ED4C62E7          DB      $10,$ED,$4C,$62,$E7,$49,$FF,$8D,$0E,$D2,$A5,$10,$8D,$0E,$D2,$BD
4D40  FEE6AABD00          DB      $FE,$E6,$AA,$BD,$00,$02,$8D,$8C,$02,$BD,$01,$02,$8D,$8D,$02,$68
4D50  AA6C8C02A9          DB      $AA,$6C,$8C,$02,$A9,$00,$85,$11,$8D,$FF,$02,$8D,$F0,$02,$85,$4D
4D60  684068AA2C          DB      $68,$40,$68,$AA,$2C,$02,$D3,$10,$06,$AD,$00,$D3,$6C,$02,$02,$2C
4D70  03D31006AD          DB      $03,$D3,$10,$06,$AD,$01,$D3,$6C,$04,$02,$68,$8D,$8C,$02,$68,$48
4D80  2910F007AD          DB      $29,$10,$F0,$07,$AD,$8C,$02,$48,$6C,$06,$02,$AD,$8C,$02,$48,$68
4D90  402C0FD410          DB      $40,$2C,$0F,$D4,$10,$03,$6C,$00,$02,$48,$AD,$0F,$D4,$29,$20,$F0
4DA0  034C74E48A          DB      $03,$4C,$74,$E4,$8A,$48,$98,$48,$8D,$0F,$D4,$6C,$22,$02,$E6,$14
4DB0  D008E64DE6          DB      $D0,$08,$E6,$4D,$E6,$13,$D0,$02,$E6,$12,$A9,$FE,$A2,$00,$A4,$4D
4DC0  1006854DA6          DB      $10,$06,$85,$4D,$A6,$13,$A9,$F6,$85,$4E,$86,$4F,$A2,$00,$20,$D0
4DD0  E8D00320CA          DB      $E8,$D0,$03,$20,$CA,$E8,$A5,$42,$D0,$08,$BA,$BD,$04,$01,$29,$04
4DE0  F0034C05E9          DB      $F0,$03,$4C,$05,$E9,$AD,$0D,$D4,$8D,$35,$02,$AD,$0C,$D4,$8D,$34
4DF0  02AD31028D          DB      $02,$AD,$31,$02,$8D,$03,$D4,$AD,$30,$02,$8D,$02,$D4,$AD,$2F,$02
4E00  8D00D4AD6F          DB      $8D,$00,$D4,$AD,$6F,$02,$8D,$1B,$D0,$A2,$08,$8E,$1F,$D0,$58,$BD
4E10  C002454F25          DB      $C0,$02,$45,$4F,$25,$4E,$9D,$12,$D0,$CA,$10,$F2,$AD,$F4,$02,$8D
4E20  09D4ADF302          DB      $09,$D4,$AD,$F3,$02,$8D,$01,$D4,$A2,$02,$20,$D0,$E8,$D0,$03,$20
4E30  CDE8A202E8          DB      $CD,$E8,$A2,$02,$E8,$E8,$BD,$18,$02,$1D,$19,$02,$F0,$06,$20,$D0
4E40  E89D2602E0          DB      $E8,$9D,$26,$02,$E0,$08,$D0,$EC,$AD,$0F,$D2,$29,$04,$F0,$08,$AD
4E50  F102F003CE          DB      $F1,$02,$F0,$03,$CE,$F1,$02,$AD,$2B,$02,$F0,$17,$AD,$0F,$D2,$29
4E60  04D060CE2B          DB      $04,$D0,$60,$CE,$2B,$02,$D0,$0B,$A9,$06,$8D,$2B,$02,$AD,$09,$D2
4E70  8DFC02A001          DB      $8D,$FC,$02,$A0,$01,$A2,$03,$B9,$00,$D3,$4A,$4A,$4A,$4A,$9D,$78
4E80  02CAB900D3          DB      $02,$CA,$B9,$00,$D3,$29,$0F,$9D,$78,$02,$CA,$88,$10,$E9,$A2,$03
4E90  BD10D09D84          DB      $BD,$10,$D0,$9D,$84,$02,$BD,$00,$D2,$9D,$70,$02,$BD,$04,$D2,$9D
4EA0  7402CA10EB          DB      $74,$02,$CA,$10,$EB,$8D,$0B,$D2,$A2,$06,$A0,$03,$B9,$78,$02,$4A
4EB0  4A4A9D7D02          DB      $4A,$4A,$9D,$7D,$02,$A9,$00,$2A,$9D,$7C,$02,$CA,$CA,$88,$10,$EC
4EC0  6C2402A900          DB      $6C,$24,$02,$A9,$00,$8D,$2B,$02,$F0,$A9,$6C,$26,$02,$6C,$28,$02
4ED0  BC1802D008          DB      $BC,$18,$02,$D0,$08,$BC,$19,$02,$F0,$10,$DE,$19,$02,$DE,$18,$02
4EE0  D008BC1902          DB      $D0,$08,$BC,$19,$02,$D0,$03,$A9,$00,$60,$A9,$FF,$60,$0A,$8D,$2D
4EF0  028AA2058D          DB      $02,$8A,$A2,$05,$8D,$0A,$D4,$CA,$D0,$FD,$AE,$2D,$02,$9D,$17,$02
4F00  989D160260          DB      $98,$9D,$16,$02,$60,$68,$A8,$68,$AA,$68,$40,$66,$66,$7E,$66,$00
4F10  007C4CEDE8          DB      $00,$7C,$4C,$ED,$E8,$66,$7C,$00,$00,$3C,$66,$60,$60,$66,$3C,$00
4F20  00786C6666          DB      $00,$78,$6C,$66,$66,$6C,$78,$00,$00,$7E,$60,$7C,$60,$60,$7E,$00
4F30  007E607C60          DB      $00,$7E,$60,$7C,$60,$60,$60,$00,$00,$3E,$60,$60,$6E,$66,$3E,$00
4F40  0066667EA9          DB      $00,$66,$66,$7E,$A9,$3C,$8D,$02,$D3,$A9,$3C,$8D,$03,$D3,$A9,$03
4F50  8D32028541          DB      $8D,$32,$02,$85,$41,$8D,$0F,$D2,$60,$BA,$8E,$18,$03,$A9,$01,$85
4F60  42AD0003C9          DB      $42,$AD,$00,$03,$C9,$60,$D0,$03,$4C,$80,$EB,$A9,$00,$8D,$0F,$03
4F70  A9018537A9          DB      $A9,$01,$85,$37,$A9,$0D,$85,$36,$A9,$28,$8D,$04,$D2,$A9,$00,$8D
4F80  06D218AD00          DB      $06,$D2,$18,$AD,$00,$03,$6D,$01,$03,$69,$FF,$8D,$3A,$02,$AD,$02
4F90  038D3B02AD          DB      $03,$8D,$3B,$02,$AD,$0A,$03,$8D,$3C,$02,$AD,$0B,$03,$8D,$3D,$02
4FA0  18A93A8532          DB      $18,$A9,$3A,$85,$32,$69,$04,$85,$34,$A9,$02,$85,$33,$85,$35,$A9
4FB0  348D03D320          DB      $34,$8D,$03,$D3,$20,$8A,$EC,$AD,$3F,$02,$D0,$03,$98,$D0,$07,$C6
4FC0  3610B54C06          DB      $36,$10,$B5,$4C,$06,$EA,$AD,$03,$03,$10,$0C,$A9,$0D,$85,$36,$20
```

```
4FD0  6AEB208AEC          DB      $6A,$EB,$20,$8A,$EC,$F0,$E8,$20,$75,$EC,$A9,$00,$8D,$3F,$02,$20
4FE0  9BECF0122C          DB      $9B,$EC,$F0,$12,$2C,$03,$03,$70,$07,$AD,$3F,$02,$D0,$18,$F0,$1D
4FF0  206AEB20E0          DB      $20,$6A,$EB,$20,$E0,$EA,$AD,$3F,$02,$F0,$05,$AD,$19,$03,$85,$30
5000  A530C901F0          DB      $A5,$30,$C9,$01,$F0,$07,$C6,$37,$30,$03,$4C,$74,$E9,$20,$5F,$EC
5010  A9008542A4          DB      $A9,$00,$85,$42,$A4,$30,$8C,$03,$03,$60,$A9,$00,$8D,$3F,$02,$18
5020  A93E853269          DB      $A9,$3E,$85,$32,$69,$01,$85,$34,$A9,$02,$85,$33,$85,$35,$A9,$FF
5030  853C20E0EA          DB      $85,$3C,$20,$E0,$EA,$A0,$FF,$A5,$30,$C9,$01,$D0,$19,$AD,$3E,$02
5040  C941F021C9          DB      $C9,$41,$F0,$21,$C9,$43,$F0,$1D,$C9,$45,$D0,$06,$A9,$90,$85,$30
5050  D004A98B85          DB      $D0,$04,$A9,$8B,$85,$30,$A5,$30,$C9,$8A,$F0,$07,$A9,$FF,$8D,$3F
5060  02D002A000          DB      $02,$D0,$02,$A0,$00,$A5,$30,$8D,$19,$03,$60,$A9,$01,$85,$30,$20
5070  F2EBA00084          DB      $F2,$EB,$A0,$00,$84,$31,$84,$3B,$84,$3A,$B1,$32,$8D,$0D,$D2,$85
5080  31A511D003          DB      $31,$A5,$11,$D0,$03,$4C,$A0,$ED,$A5,$3A,$F0,$F5,$20,$5F,$EC,$60
5090  9848E632D0          DB      $98,$48,$E6,$32,$D0,$02,$E6,$33,$A5,$32,$C5,$34,$A5,$33,$E5,$35
50A0  901CA53BD0          DB      $90,$1C,$A5,$3B,$D0,$0B,$A5,$31,$8D,$0D,$D2,$A9,$FF,$85,$3B,$D0
50B0  09A5100908          DB      $09,$A5,$10,$09,$08,$85,$10,$8D,$0E,$D2,$68,$A8,$68,$40,$A0,$00
50C0  B1328D0DD2          DB      $B1,$32,$8D,$0D,$D2,$18,$65,$31,$69,$00,$85,$31,$4C,$BA,$EA,$A5
50D0  3BF00B853A          DB      $3B,$F0,$0B,$85,$3A,$A5,$10,$29,$F7,$85,$10,$8D,$0E,$D2,$68,$40
50E0  A900AC0F03          DB      $A9,$00,$AC,$0F,$03,$D0,$02,$85,$31,$85,$38,$85,$39,$A9,$01,$85
50F0  30201BECA9          DB      $30,$20,$1B,$EC,$A9,$3C,$8D,$03,$D3,$A5,$11,$D0,$03,$4C,$A0,$ED
5100  AD1703F005          DB      $AD,$17,$03,$F0,$05,$A5,$39,$F0,$F0,$60,$A9,$8A,$85,$30,$60,$98
5110  48AD0FD28D          DB      $48,$AD,$0F,$D2,$8D,$0A,$D2,$30,$04,$A0,$8C,$84,$30,$29,$20,$D0
5120  04A08E8430          DB      $04,$A0,$8E,$84,$30,$A5,$38,$F0,$13,$AD,$0D,$D2,$C5,$31,$F0,$04
5130  A08F8430A9          DB      $A0,$8F,$84,$30,$A9,$FF,$85,$39,$68,$A8,$68,$40,$AD,$0D,$D2,$A0
5140  0091321865          DB      $00,$91,$32,$18,$65,$31,$69,$00,$85,$31,$E6,$32,$D0,$02,$E6,$33
5150  A532C534A5          DB      $A5,$32,$C5,$34,$A5,$33,$E5,$35,$90,$DE,$A5,$3C,$F0,$06,$A9,$00
5160  853CF0D0A9          DB      $85,$3C,$F0,$D0,$A9,$FF,$85,$38,$D0,$CE,$18,$AD,$04,$03,$85,$32
5170  6D08038534          DB      $6D,$08,$03,$85,$34,$AD,$05,$03,$85,$33,$6D,$09,$03,$85,$35,$60
5180  AD0303102E          DB      $AD,$03,$03,$10,$2E,$A9,$CC,$8D,$04,$D2,$A9,$05,$8D,$06,$D2,$20
5190  F2EBA00FAD          DB      $F2,$EB,$A0,$0F,$AD,$0B,$03,$30,$02,$A0,$B4,$A2,$00,$20,$B9,$ED
51A0  A9348D02D3          DB      $A9,$34,$8D,$02,$D3,$AD,$17,$03,$D0,$FB,$20,$6A,$EB,$20,$6B,$EA
51B0  4CDFEBA9FF          DB      $4C,$DF,$EB,$A9,$FF,$8D,$0F,$03,$A0,$0A,$AD,$0B,$03,$30,$02,$A0
51C0  78A20020B9          DB      $78,$A2,$00,$20,$B9,$ED,$A9,$34,$8D,$02,$D3,$AD,$17,$03,$D0,$FB
51D0  206AEB2075          DB      $20,$6A,$EB,$20,$75,$EC,$20,$B9,$ED,$20,$10,$ED,$20,$E0,$EA,$AD
51E0  0B033005A9          DB      $0B,$03,$30,$05,$A9,$3C,$8D,$02,$D3,$4C,$0D,$EA,$A9,$00,$8D,$17
51F0  0360A9072D          DB      $03,$60,$A9,$07,$2D,$32,$02,$09,$20,$AC,$00,$03,$C0,$60,$D0,$0C
5200  0908A0078C          DB      $09,$08,$A0,$07,$8C,$02,$D2,$A0,$05,$8C,$00,$D2,$8D,$32,$02,$8D
5210  0FD2A9C725          DB      $0F,$D2,$A9,$C7,$25,$10,$09,$10,$4C,$31,$EC,$A9,$07,$2D,$32,$02
5220  09108D3202          DB      $09,$10,$8D,$32,$02,$8D,$0F,$D2,$8D,$0A,$D2,$A9,$C7,$25,$10,$09
5230  2085108D0E          DB      $20,$85,$10,$8D,$0E,$D2,$A9,$28,$8D,$08,$D2,$A2,$06,$A9,$A8,$A4
5240  41D002A9A0          DB      $41,$D0,$02,$A9,$A0,$9D,$01,$D2,$CA,$CA,$10,$F9,$A9,$A0,$8D,$05
5250  D2AC0003C0          DB      $D2,$AC,$00,$03,$C0,$60,$F0,$06,$8D,$01,$D2,$8D,$03,$D2,$60,$EA
5260  A9C7251085          DB      $A9,$C7,$25,$10,$85,$10,$8D,$0E,$D2,$A2,$06,$A9,$00,$9D,$01,$D2
5270  CACA10F960          DB      $CA,$CA,$10,$F9,$60,$AD,$06,$03,$6A,$6A,$A8,$29,$3F,$AA,$98,$6A
5280  29C0A8600F          DB      $29,$C0,$A8,$60,$0F,$EB,$90,$EA,$CF,$EA,$A2,$01,$A0,$FF,$88,$D0
5290  FDCAD0F820          DB      $FD,$CA,$D0,$F8,$20,$6B,$EA,$A0,$02,$A2,$00,$20,$B9,$ED,$20,$1A
52A0  EA98608D10          DB      $EA,$98,$60,$8D,$10,$03,$8C,$11,$03,$20,$04,$ED,$8D,$10,$03,$AD
52B0  0C032004ED          DB      $0C,$03,$20,$04,$ED,$8D,$0C,$03,$AD,$10,$03,$38,$ED,$0C,$03,$8D
52C0  1203AD1103          DB      $12,$03,$AD,$11,$03,$38,$ED,$0D,$03,$A8,$A9,$7D,$18,$69,$83,$88
52D0  10FA186D12          DB      $10,$FA,$18,$6D,$12,$03,$A8,$4A,$4A,$4A,$0A,$38,$E9,$16,$AA,$98
52E0  2907A8A9F5          DB      $29,$07,$A8,$A9,$F5,$18,$69,$0B,$88,$10,$FA,$A0,$00,$8C,$0E,$03
52F0  38E9071003          DB      $38,$E9,$07,$10,$03,$CE,$0E,$03,$18,$7D,$D0,$ED,$A8,$AD,$0E,$03
5300  7DD1ED60C9          DB      $7D,$D1,$ED,$60,$C9,$7C,$30,$04,$38,$E9,$7C,$60,$18,$69,$07,$60
5310  A511D0034C          DB      $A5,$11,$D0,$03,$4C,$A0,$ED,$78,$AD,$17,$03,$D0,$02,$F0,$25,$AD
5320  0FD22910D0          DB      $0F,$D2,$29,$10,$D0,$EA,$8D,$16,$03,$AE,$0B,$D4,$A4,$14,$8E,$0C
5330  038C0D03A2          DB      $03,$8C,$0D,$03,$A2,$01,$8E,$15,$03,$A0,$0A,$A5,$11,$F0,$61,$AD
5340  1703D00458          DB      $17,$03,$D0,$04,$58,$4C,$0A,$EB,$AD,$0F,$D2,$29,$10,$CD,$16,$03
5350  F0E98D1603          DB      $F0,$E9,$8D,$16,$03,$88,$D0,$E3,$CE,$15,$03,$30,$12,$AD,$0B,$D4
```

```
5360  A41420A3EC          DB      $A4,$14,$20,$A3,$EC,$8C,$EE,$02,$8D,$EF,$02,$A0,$09,$D0,$CC,$AD
5370  EE028D04D2          DB      $EE,$02,$8D,$04,$D2,$AD,$EF,$02,$8D,$06,$D2,$A9,$00,$8D,$0F,$D2
5380  AD32028D0F          DB      $AD,$32,$02,$8D,$0F,$D2,$A9,$55,$91,$32,$C8,$91,$32,$A9,$AA,$85
5390  3118A53269          DB      $31,$18,$A5,$32,$69,$02,$85,$32,$A5,$33,$69,$00,$85,$33,$58,$60
53A0  205FECA93C          DB      $20,$5F,$EC,$A9,$3C,$8D,$02,$D3,$8D,$03,$D3,$A9,$80,$85,$30,$AE
53B0  18039AC611          DB      $18,$03,$9A,$C6,$11,$58,$4C,$0D,$EA,$A9,$EC,$8D,$26,$02,$A9,$EB
53C0  8D2702A901          DB      $8D,$27,$02,$A9,$01,$78,$20,$5C,$E4,$A9,$01,$8D,$17,$03,$58,$60
53D0  E80343049E          DB      $E8,$03,$43,$04,$9E,$04,$F9,$04,$54,$05,$AF,$05,$0A,$06,$65,$06
53E0  C0061A0775          DB      $C0,$06,$1A,$07,$75,$07,$D0,$07,$24,$85,$A9,$A0,$8D,$46,$02,$60
53F0  A9318D0003          DB      $A9,$31,$8D,$00,$03,$AD,$46,$02,$AE,$02,$03,$E0,$21,$F0,$02,$A9
5400  078D0603A2          DB      $07,$8D,$06,$03,$A2,$40,$A0,$80,$AD,$02,$03,$C9,$57,$D0,$02,$A2
5410  80C953D00C          DB      $80,$C9,$53,$D0,$0C,$A9,$EA,$8D,$04,$03,$A9,$02,$8D,$05,$03,$A0
5420  048E03038C          DB      $04,$8E,$03,$03,$8C,$08,$03,$A9,$00,$8D,$09,$03,$20,$59,$E4,$10
5430  0160AD0203          DB      $01,$60,$AD,$02,$03,$C9,$53,$D0,$0A,$20,$6D,$EE,$A0,$02,$B1,$15
5440  8D4602AD02          DB      $8D,$46,$02,$AD,$02,$03,$C9,$21,$D0,$1F,$20,$6D,$EE,$A0,$FE,$C8
5450  C8B115C9FF          DB      $C8,$B1,$15,$C9,$FF,$D0,$F8,$C8,$B1,$15,$C8,$C9,$FF,$D0,$F2,$88
5460  888C0803A9          DB      $88,$8C,$08,$03,$A9,$00,$8D,$09,$03,$AC,$03,$03,$60,$AD,$04,$03
5470  8515AD0503          DB      $85,$15,$AD,$05,$03,$85,$16,$60,$A9,$1E,$85,$1C,$60,$EA,$02,$C0
5480  03A904851E          DB      $03,$A9,$04,$85,$1E,$AE,$7D,$EE,$AC,$7E,$EE,$A9,$53,$8D,$02,$03
5490  8D0A0320E6          DB      $8D,$0A,$03,$20,$E6,$EE,$20,$59,$E4,$30,$03,$20,$14,$EF,$60,$20
54A0  81EEA90085          DB      $81,$EE,$A9,$00,$85,$1D,$60,$85,$1F,$20,$1A,$EF,$A6,$1D,$A5,$1F
54B0  9DC003E8E4          DB      $9D,$C0,$03,$E8,$E4,$1E,$F0,$13,$86,$1D,$C9,$9B,$F0,$03,$A0,$01
54C0  60A9209DC0          DB      $60,$A9,$20,$9D,$C0,$03,$E8,$E4,$1E,$D0,$F8,$A9,$00,$85,$1D,$AE
54D0  7FEEAC80EE          DB      $7F,$EE,$AC,$80,$EE,$20,$E6,$EE,$20,$59,$E4,$60,$20,$1A,$EF,$A6
54E0  1DD0DEA001          DB      $1D,$D0,$DE,$A0,$01,$60,$8E,$04,$03,$8C,$05,$03,$A9,$40,$8D,$00
54F0  03A9018D01          DB      $03,$A9,$01,$8D,$01,$03,$A9,$80,$AE,$02,$03,$E0,$53,$D0,$02,$A9
5500  408D0303A5          DB      $40,$8D,$03,$03,$A5,$1E,$8D,$08,$03,$A9,$00,$8D,$09,$03,$A5,$1C
5510  8D060360AD          DB      $8D,$06,$03,$60,$AD,$EC,$02,$85,$1C,$60,$A0,$57,$A5,$2B,$C9,$4E
5520  D004A228D0          DB      $D0,$04,$A2,$28,$D0,$0E,$C9,$44,$D0,$04,$A2,$14,$D0,$06,$C9,$53
5530  D00BA21D86          DB      $D0,$0B,$A2,$1D,$86,$1E,$8C,$02,$03,$8D,$0A,$03,$60,$A9,$4E,$D0
5540  DDA9CC8DEE          DB      $DD,$A9,$CC,$8D,$EE,$02,$A9,$05,$8D,$EF,$02,$60,$A5,$2B,$85,$3E
5550  A52A290CC9          DB      $A5,$2A,$29,$0C,$C9,$04,$F0,$05,$C9,$08,$F0,$39,$60,$A9,$00,$8D
5560  8902853FA9          DB      $89,$02,$85,$3F,$A9,$01,$20,$58,$F0,$30,$24,$A9,$34,$8D,$02,$D3
5570  A040A202A9          DB      $A0,$40,$A2,$02,$A9,$03,$8D,$2A,$02,$20,$5C,$E4,$AD,$2A,$02,$D0
5580  FBA980853D          DB      $FB,$A9,$80,$85,$3D,$8D,$8A,$02,$4C,$D3,$EF,$A0,$80,$C6,$11,$A9
5590  008D890260          DB      $00,$8D,$89,$02,$60,$A9,$80,$8D,$89,$02,$A9,$02,$20,$58,$F0,$30
55A0  EEA9CC8D04          DB      $EE,$A9,$CC,$8D,$04,$D2,$A9,$05,$8D,$06,$D2,$A9,$60,$8D,$00,$03
55B0  2068E4A934          DB      $20,$68,$E4,$A9,$34,$8D,$02,$D3,$A9,$03,$A2,$04,$A0,$80,$20,$5C
55C0  E4A9FF8D2A          DB      $E4,$A9,$FF,$8D,$2A,$02,$A5,$11,$F0,$C1,$AD,$2A,$02,$D0,$F7,$A9
55D0  00853DA001          DB      $00,$85,$3D,$A0,$01,$60,$A5,$3F,$30,$33,$A6,$3D,$EC,$8A,$02,$F0
55E0  08BD0004E6          DB      $08,$BD,$00,$04,$E6,$3D,$A0,$01,$60,$A9,$52,$20,$95,$F0,$98,$30
55F0  F7A900853D          DB      $F7,$A9,$00,$85,$3D,$A2,$80,$AD,$FF,$03,$C9,$FE,$F0,$0D,$C9,$FA
5600  D003AE7F04          DB      $D0,$03,$AE,$7F,$04,$8E,$8A,$02,$4C,$D6,$EF,$C6,$3F,$A0,$88,$60
5610  A63D9D0004          DB      $A6,$3D,$9D,$00,$04,$E6,$3D,$A0,$01,$E0,$7F,$F0,$01,$60,$A9,$FC
5620  20D2F0A900          DB      $20,$D2,$F0,$A9,$00,$85,$3D,$60,$A0,$01,$60,$AD,$89,$02,$30,$08
5630  A001A93C8D          DB      $A0,$01,$A9,$3C,$8D,$02,$D3,$60,$A6,$3D,$F0,$0A,$8E,$7F,$04,$A9
5640  FA20D2F030          DB      $FA,$20,$D2,$F0,$30,$EC,$A2,$7F,$A9,$00,$9D,$00,$04,$CA,$10,$FA
5650  A9FE20D2F0          DB      $A9,$FE,$20,$D2,$F0,$4C,$32,$F0,$85,$40,$A5,$14,$18,$69,$1E,$AA
5660  A9FF8D1FD0          DB      $A9,$FF,$8D,$1F,$D0,$A9,$00,$A0,$F0,$88,$D0,$FD,$8D,$1F,$D0,$A0
5670  F088D0FDE4          DB      $F0,$88,$D0,$FD,$E4,$14,$D0,$E8,$C6,$40,$F0,$0B,$8A,$18,$69,$0A
5680  AAE414D0FC          DB      $AA,$E4,$14,$D0,$FC,$F0,$D3,$20,$8C,$F0,$98,$60,$AD,$25,$E4,$48
5690  AD24E44860          DB      $AD,$24,$E4,$48,$60,$8D,$02,$03,$A9,$00,$8D,$09,$03,$A9,$83,$8D
56A0  0803A9038D          DB      $08,$03,$A9,$03,$8D,$05,$03,$A9,$FD,$8D,$04,$03,$A9,$60,$8D,$00
56B0  03A9008D01          DB      $03,$A9,$00,$8D,$01,$03,$A9,$23,$8D,$06,$03,$AD,$02,$03,$A0,$40
56C0  C952F002A0          DB      $C9,$52,$F0,$02,$A0,$80,$8C,$03,$03,$A5,$3E,$8D,$0B,$03,$20,$59
56D0  E4608DFF03          DB      $E4,$60,$8D,$FF,$03,$A9,$55,$8D,$FD,$03,$8D,$FE,$03,$A9,$57,$20
56E0  95F0605030          DB      $95,$F0,$60,$50,$30,$E4,$43,$40,$E4,$45,$00,$E4,$53,$10,$E4,$4B
```

```
56F0  20E47D4154          DB      $20,$E4,$7D,$41,$54,$41,$52,$49,$20,$43,$4F,$4D,$50,$55,$54,$45
5700  52202D204D          DB      $52,$20,$2D,$20,$4D,$45,$4D,$4F,$20,$50,$41,$44,$9B,$42,$4F,$4F
5710  5420455252          DB      $54,$20,$45,$52,$52,$4F,$52,$9B,$45,$3A,$9B,$78,$AD,$44,$02,$D0
5720  04A9FFD003          DB      $04,$A9,$FF,$D0,$03,$78,$A9,$00,$85,$08,$D8,$A2,$FF,$9A,$20,$3F
5730  F22077F2A5          DB      $F2,$20,$77,$F2,$A5,$08,$D0,$28,$A9,$00,$A0,$08,$85,$04,$85,$05
5740  9104C8C000          DB      $91,$04,$C8,$C0,$00,$D0,$F9,$E6,$05,$A6,$05,$E4,$06,$D0,$F1,$AD
5750  72E4850AAD          DB      $72,$E4,$85,$0A,$AD,$73,$E4,$85,$0B,$A9,$FF,$8D,$44,$02,$D0,$13
5760  A2008A9D00          DB      $A2,$00,$8A,$9D,$00,$02,$9D,$00,$03,$CA,$D0,$F7,$A2,$10,$95,$00
5770  E810FBA902          DB      $E8,$10,$FB,$A9,$02,$85,$52,$A9,$27,$85,$53,$A2,$25,$BD,$80,$E4
5780  9D0002CA10          DB      $9D,$00,$02,$CA,$10,$F7,$20,$8A,$F2,$58,$A2,$0E,$BD,$E3,$F0,$9D
5790  1A03CA10F7          DB      $1A,$03,$CA,$10,$F7,$A2,$00,$86,$07,$86,$06,$AE,$E4,$02,$E0,$90
57A0  B00AADFC9F          DB      $B0,$0A,$AD,$FC,$9F,$D0,$05,$E6,$07,$20,$3C,$F2,$AE,$E4,$02,$E0
57B0  B0B00AAEFC          DB      $B0,$B0,$0A,$AE,$FC,$BF,$D0,$05,$E6,$06,$20,$39,$F2,$A9,$03,$A2
57C0  009D4203A9          DB      $00,$9D,$42,$03,$A9,$18,$9D,$44,$03,$A9,$F1,$9D,$45,$03,$A9,$0C
57D0  9D4A032056          DB      $9D,$4A,$03,$20,$56,$E4,$10,$03,$4C,$25,$F1,$E8,$D0,$FD,$C8,$10
57E0  FA20B2F3A5          DB      $FA,$20,$B2,$F3,$A5,$06,$05,$07,$F0,$12,$A5,$06,$F0,$03,$AD,$FD
57F0  BFA607F003          DB      $BF,$A6,$07,$F0,$03,$0D,$FD,$9F,$29,$01,$F0,$03,$20,$CF,$F2,$A9
5800  008D4402A5          DB      $00,$8D,$44,$02,$A5,$06,$F0,$0A,$AD,$FD,$BF,$29,$04,$F0,$03,$6C
5810  FABFA507F0          DB      $FA,$BF,$A5,$07,$F0,$0A,$AD,$FD,$9F,$29,$04,$F0,$DF,$6C,$FA,$9F
5820  6C0A00A2F2          DB      $6C,$0A,$00,$A2,$F2,$A0,$F0,$20,$85,$F3,$20,$30,$F2,$4C,$2A,$F2
5830  AD05E448AD          DB      $AD,$05,$E4,$48,$AD,$04,$E4,$48,$60,$6C,$FE,$BF,$6C,$FE,$9F,$AD
5840  FCBFD013EE          DB      $FC,$BF,$D0,$13,$EE,$FC,$BF,$AD,$FC,$BF,$D0,$08,$AD,$FD,$BF,$10
5850  036CFEBFCE          DB      $03,$6C,$FE,$BF,$CE,$FC,$BF,$A0,$00,$84,$05,$A9,$10,$85,$06,$B1
5860  0549FF9105          DB      $05,$49,$FF,$91,$05,$D1,$05,$D0,$0D,$49,$FF,$91,$05,$A5,$06,$18
5870  69108506D0          DB      $69,$10,$85,$06,$D0,$E9,$60,$A9,$00,$AA,$9D,$00,$D0,$9D,$00,$D4
5880  9D00D2EAEA          DB      $9D,$00,$D2,$EA,$EA,$EA,$E8,$D0,$F1,$60,$C6,$11,$A9,$54,$8D,$36
5890  02A9E78D37          DB      $02,$A9,$E7,$8D,$37,$02,$A5,$06,$8D,$E4,$02,$8D,$E6,$02,$A9,$00
58A0  8DE502A900          DB      $8D,$E5,$02,$A9,$00,$8D,$E7,$02,$A9,$07,$8D,$E8,$02,$20,$0C,$E4
58B0  201CE4202C          DB      $20,$1C,$E4,$20,$2C,$E4,$20,$3C,$E4,$20,$4C,$E4,$20,$6E,$E4,$20
58C0  65E4206BE4          DB      $65,$E4,$20,$6B,$E4,$AD,$1F,$D0,$29,$01,$D0,$02,$E6,$4A,$60,$A5
58D0  08F00AA509          DB      $08,$F0,$0A,$A5,$09,$29,$01,$F0,$03,$20,$7E,$F3,$60,$A9,$01,$8D
58E0  0103A9538D          DB      $01,$03,$A9,$53,$8D,$02,$03,$20,$53,$E4,$10,$01,$60,$A9,$00,$8D
58F0  0B03A9018D          DB      $0B,$03,$A9,$01,$8D,$0A,$03,$A9,$00,$8D,$04,$03,$A9,$04,$8D,$05
5900  03209DF310          DB      $03,$20,$9D,$F3,$10,$08,$20,$81,$F3,$A5,$4B,$F0,$E0,$60,$A2,$03
5910  BD00049D40          DB      $BD,$00,$04,$9D,$40,$02,$CA,$10,$F7,$AD,$42,$02,$85,$04,$AD,$43
5920  028505AD04          DB      $02,$85,$05,$AD,$04,$04,$85,$0C,$AD,$05,$04,$85,$0D,$A0,$7F,$B9
5930  0004910488          DB      $00,$04,$91,$04,$88,$10,$F8,$18,$A5,$04,$69,$80,$85,$04,$A5,$05
5940  69008505CE          DB      $69,$00,$85,$05,$CE,$41,$02,$F0,$11,$EE,$0A,$03,$20,$9D,$F3,$10
5950  DC2081F3A5          DB      $DC,$20,$81,$F3,$A5,$4B,$D0,$AE,$F0,$F2,$A5,$4B,$F0,$03,$20,$9D
5960  F3206CF3B0          DB      $F3,$20,$6C,$F3,$B0,$A0,$20,$7E,$F3,$E6,$09,$60,$18,$AD,$42,$02
5970  69068504AD          DB      $69,$06,$85,$04,$AD,$43,$02,$69,$00,$85,$05,$6C,$04,$00,$6C,$0C
5980  00A20DA0F1          DB      $00,$A2,$0D,$A0,$F1,$8A,$A2,$00,$9D,$44,$03,$98,$9D,$45,$03,$A9
5990  099D4203A9          DB      $09,$9D,$42,$03,$A9,$FF,$9D,$48,$03,$20,$56,$E4,$60,$A5,$4B,$F0
59A0  034C7AE4A9          DB      $03,$4C,$7A,$E4,$A9,$52,$8D,$02,$03,$A9,$01,$8D,$01,$03,$20,$53
59B0  E460A508F0          DB      $E4,$60,$A5,$08,$F0,$0A,$A5,$09,$29,$02,$F0,$03,$20,$E1,$F3,$60
59C0  A54AF01CA9          DB      $A5,$4A,$F0,$1C,$A9,$80,$85,$3E,$E6,$4B,$20,$7D,$E4,$20,$01,$F3
59D0  A900854B85          DB      $A9,$00,$85,$4B,$85,$4A,$06,$09,$A5,$0C,$85,$02,$A5,$0D,$85,$03
59E0  606C0200A9          DB      $60,$6C,$02,$00,$A9,$FF,$8D,$FC,$02,$AD,$E6,$02,$29,$F0,$85,$6A
59F0  A9408DBE02          DB      $A9,$40,$8D,$BE,$02,$60,$A5,$2B,$29,$0F,$D0,$08,$A5,$2A,$29,$0F
5A00  852AA90085          DB      $85,$2A,$A9,$00,$85,$57,$A9,$E0,$8D,$F4,$02,$A9,$02,$8D,$F3,$02
5A10  8D2F02A901          DB      $8D,$2F,$02,$A9,$01,$85,$4C,$A9,$C0,$05,$10,$85,$10,$8D,$0E,$D2
5A20  A9008D9302          DB      $A9,$00,$8D,$93,$02,$85,$64,$85,$7B,$8D,$F0,$02,$A0,$0E,$A9,$01
5A30  99A3028810          DB      $99,$A3,$02,$88,$10,$FA,$A2,$04,$BD,$C1,$FE,$9D,$C4,$02,$CA,$10
5A40  F7A46A888C          DB      $F7,$A4,$6A,$88,$8C,$95,$02,$A9,$60,$8D,$94,$02,$A6,$57,$BD,$69
5A50  FED004A991          DB      $FE,$D0,$04,$A9,$91,$85,$4C,$85,$51,$A5,$6A,$85,$65,$BC,$45,$FE
5A60  A9282021F9          DB      $A9,$28,$20,$21,$F9,$88,$D0,$F8,$AD,$6F,$02,$29,$3F,$85,$67,$A8
5A70  E00890178A          DB      $E0,$08,$90,$17,$8A,$6A,$6A,$6A,$29,$C0,$05,$67,$A8,$A9,$10,$20
```

```
5A80  21F9E00BD0          DB      $21,$F9,$E0,$0B,$D0,$05,$A9,$06,$8D,$C8,$02,$8C,$6F,$02,$A5,$64
5A90  8558A56585          DB      $85,$58,$A5,$65,$85,$59,$AD,$0B,$D4,$C9,$7A,$D0,$F9,$20,$1F,$F9
5AA0  BD75FEF006          DB      $BD,$75,$FE,$F0,$06,$A9,$FF,$85,$64,$C6,$65,$A5,$64,$85,$68,$A5
5AB0  6585692013          DB      $65,$85,$69,$20,$13,$F9,$A9,$41,$20,$17,$F9,$86,$66,$A9,$18,$8D
5AC0  BF02A557C9          DB      $BF,$02,$A5,$57,$C9,$09,$B0,$2D,$A5,$2A,$29,$10,$F0,$27,$A9,$04
5AD0  8DBF02A202          DB      $8D,$BF,$02,$A2,$02,$A9,$02,$20,$17,$F9,$CA,$10,$F8,$A4,$6A,$88
5AE0  982017F9A9          DB      $98,$20,$17,$F9,$A9,$60,$20,$17,$F9,$A9,$42,$20,$17,$F9,$18,$A9
5AF0  0C65668566          DB      $0C,$65,$66,$85,$66,$A4,$66,$BE,$51,$FE,$A5,$51,$20,$17,$F9,$CA
5B00  D0F8A557C9          DB      $D0,$F8,$A5,$57,$C9,$08,$90,$1C,$A2,$5D,$A5,$6A,$38,$E9,$10,$20
5B10  17F9A90020          DB      $17,$F9,$A9,$00,$20,$17,$F9,$A9,$4F,$20,$17,$F9,$A5,$51,$20,$17
5B20  F9CAD0F8A5          DB      $F9,$CA,$D0,$F8,$A5,$59,$20,$17,$F9,$A5,$58,$20,$17,$F9,$A5,$51
5B30  09402017F9          DB      $09,$40,$20,$17,$F9,$A9,$70,$20,$17,$F9,$A9,$70,$20,$17,$F9,$A5
5B40  648D3002A5          DB      $64,$8D,$30,$02,$A5,$65,$8D,$31,$02,$A9,$70,$20,$17,$F9,$A5,$64
5B50  8DE502A565          DB      $8D,$E5,$02,$A5,$65,$8D,$E6,$02,$A5,$68,$85,$64,$A5,$69,$85,$65
5B60  AD31022017          DB      $AD,$31,$02,$20,$17,$F9,$AD,$30,$02,$20,$17,$F9,$A5,$4C,$10,$07
5B70  4820FCF368          DB      $48,$20,$FC,$F3,$68,$A8,$60,$A5,$2A,$29,$20,$D0,$0B,$20,$B9,$F7
5B80  8D9002A552          DB      $8D,$90,$02,$A5,$52,$8D,$91,$02,$A9,$22,$0D,$2F,$02,$8D,$2F,$02
5B90  4C21F62096          DB      $4C,$21,$F6,$20,$96,$FA,$20,$A2,$F5,$20,$32,$FB,$20,$D4,$F9,$4C
5BA0  34F62047F9          DB      $34,$F6,$20,$47,$F9,$B1,$64,$2D,$A0,$02,$46,$6F,$B0,$03,$4A,$10
5BB0  F98DFA02C9          DB      $F9,$8D,$FA,$02,$C9,$00,$60,$8D,$FB,$02,$20,$96,$FA,$AD,$FB,$02
5BC0  C97DD00620          DB      $C9,$7D,$D0,$06,$20,$B9,$F7,$4C,$21,$F6,$AD,$FB,$02,$C9,$9B,$D0
5BD0  062030FA4C          DB      $06,$20,$30,$FA,$4C,$21,$F6,$20,$E0,$F5,$20,$D8,$F9,$4C,$21,$F6
5BE0  ADFF02D0FB          DB      $AD,$FF,$02,$D0,$FB,$A2,$02,$B5,$54,$95,$5A,$CA,$10,$F9,$AD,$FB
5BF0  02A82A2A2A          DB      $02,$A8,$2A,$2A,$2A,$2A,$29,$03,$AA,$98,$29,$9F,$1D,$F6,$FE,$8D
5C00  FA022047F9          DB      $FA,$02,$20,$47,$F9,$AD,$FA,$02,$46,$6F,$B0,$04,$0A,$4C,$08,$F6
5C10  2DA0028550          DB      $2D,$A0,$02,$85,$50,$AD,$A0,$02,$49,$FF,$31,$64,$05,$50,$91,$64
5C20  6020A2F585          DB      $60,$20,$A2,$F5,$85,$5D,$A6,$57,$D0,$0A,$AE,$F0,$02,$D0,$05,$49
5C30  8020FFF5A4          DB      $80,$20,$FF,$F5,$A4,$4C,$A9,$01,$85,$4C,$AD,$FB,$02,$60,$20,$B3
5C40  FC2088FAA5          DB      $FC,$20,$88,$FA,$A5,$6B,$D0,$34,$A5,$54,$85,$6C,$A5,$55,$85,$6D
5C50  20E2F6844C          DB      $20,$E2,$F6,$84,$4C,$AD,$FB,$02,$C9,$9B,$F0,$12,$20,$AD,$F6,$20
5C60  B3FCA563C9          DB      $B3,$FC,$A5,$63,$C9,$71,$D0,$03,$20,$0A,$F9,$4C,$50,$F6,$20,$E4
5C70  FA2000FCA5          DB      $FA,$20,$00,$FC,$A5,$6C,$85,$54,$A5,$6D,$85,$55,$A5,$6B,$F0,$11
5C80  C66BF00DA5          DB      $C6,$6B,$F0,$0D,$A5,$4C,$30,$F8,$20,$93,$F5,$8D,$FB,$02,$4C,$B3
5C90  FC2030FAA9          DB      $FC,$20,$30,$FA,$A9,$9B,$8D,$FB,$02,$20,$21,$F6,$84,$4C,$4C,$B3
5CA0  FC6C64008D          DB      $FC,$6C,$64,$00,$8D,$FB,$02,$20,$B3,$FC,$20,$88,$FA,$20,$E4,$FA
5CB0  208DFCF009          DB      $20,$8D,$FC,$F0,$09,$0E,$A2,$02,$20,$CA,$F5,$4C,$B3,$FC,$AD,$FE
5CC0  020DA202D0          DB      $02,$0D,$A2,$02,$D0,$EF,$0E,$A2,$02,$E8,$BD,$C6,$FE,$85,$64,$BD
5CD0  C7FE856520          DB      $C7,$FE,$85,$65,$20,$A1,$F6,$20,$21,$F6,$4C,$B3,$FC,$A9,$FF,$8D
5CE0  FC02A52A4A          DB      $FC,$02,$A5,$2A,$4A,$B0,$62,$A9,$80,$A6,$11,$F0,$58,$AD,$FC,$02
5CF0  C9FFF0EE85          DB      $C9,$FF,$F0,$EE,$85,$7C,$A2,$FF,$8E,$FC,$02,$20,$D8,$FC,$AA,$E0
5D00  C09002A203          DB      $C0,$90,$02,$A2,$03,$BD,$FE,$FE,$8D,$FB,$02,$C9,$80,$F0,$CE,$C9
5D10  81D00BADB6          DB      $81,$D0,$0B,$AD,$B6,$02,$49,$80,$8D,$B6,$02,$4C,$DD,$F6,$C9,$82
5D20  D007A9008D          DB      $D0,$07,$A9,$00,$8D,$BE,$02,$F0,$B4,$C9,$83,$D0,$07,$A9,$40,$8D
5D30  BE02D0A9C9          DB      $BE,$02,$D0,$A9,$C9,$84,$D0,$07,$A9,$80,$8D,$BE,$02,$D0,$9E,$C9
5D40  85D00AA988          DB      $85,$D0,$0A,$A9,$88,$85,$4C,$85,$11,$A9,$9B,$D0,$26,$A5,$7C,$C9
5D50  40B015ADFB          DB      $40,$B0,$15,$AD,$FB,$02,$C9,$61,$90,$0E,$C9,$7B,$B0,$0A,$AD,$BE
5D60  02F005057C          DB      $02,$F0,$05,$05,$7C,$4C,$FE,$F6,$20,$8D,$FC,$F0,$09,$AD,$FB,$02
5D70  4DB6028DFB          DB      $4D,$B6,$02,$8D,$FB,$02,$4C,$34,$F6,$A9,$80,$8D,$A2,$02,$60,$C6
5D80  541006AEBF          DB      $54,$10,$06,$AE,$BF,$02,$CA,$86,$54,$4C,$5C,$FC,$E6,$54,$A5,$54
5D90  CDBF0290F4          DB      $CD,$BF,$02,$90,$F4,$A2,$00,$F0,$EE,$C6,$55,$A5,$55,$30,$04,$C5
5DA0  52B004A553          DB      $52,$B0,$04,$A5,$53,$85,$55,$4C,$DD,$FB,$E6,$55,$A5,$55,$C5,$53
5DB0  90F5F0F3A5          DB      $90,$F5,$F0,$F3,$A5,$52,$4C,$A5,$F7,$20,$F3,$FC,$A0,$00,$98,$91
5DC0  64C8D0FBE6          DB      $64,$C8,$D0,$FB,$E6,$65,$A6,$65,$E4,$6A,$90,$F3,$A9,$FF,$99,$B2
5DD0  02C8C00490          DB      $02,$C8,$C0,$04,$90,$F8,$20,$E4,$FC,$85,$63,$85,$6D,$A9,$00,$85
5DE0  548556856C          DB      $54,$85,$56,$85,$6C,$60,$A5,$63,$C5,$52,$F0,$21,$A5,$55,$C5,$52
5DF0  D0032073FC          DB      $D0,$03,$20,$73,$FC,$20,$99,$F7,$A5,$55,$C5,$53,$D0,$07,$A5,$54
5E00  F003207FF7          DB      $F0,$03,$20,$7F,$F7,$A9,$20,$8D,$FB,$02,$20,$E0,$F5,$4C,$DD,$FB
```

```
5E10  20AAF7A555          DB      $20,$AA,$F7,$A5,$55,$C5,$52,$D0,$0A,$20,$34,$FA,$20,$20,$FB,$90
5E20  02B007A563          DB      $02,$B0,$07,$A5,$63,$20,$25,$FB,$90,$E6,$4C,$DD,$FB,$A5,$63,$4C
5E30  06FBA5634C          DB      $06,$FB,$A5,$63,$4C,$12,$FB,$20,$9D,$FC,$20,$A2,$F5,$85,$7D,$A9
5E40  008DBB0220          DB      $00,$8D,$BB,$02,$20,$FF,$F5,$A5,$63,$48,$20,$DC,$F9,$68,$C5,$63
5E50  B00CA57D48          DB      $B0,$0C,$A5,$7D,$48,$20,$A2,$F5,$85,$7D,$68,$4C,$44,$F8,$20,$A8
5E60  FCCEBB0230          DB      $FC,$CE,$BB,$02,$30,$04,$C6,$54,$D0,$F7,$4C,$DD,$FB,$20,$9D,$FC
5E70  2047F9A564          DB      $20,$47,$F9,$A5,$64,$85,$68,$A5,$65,$85,$69,$A5,$63,$48,$20,$D4
5E80  F968C563B0          DB      $F9,$68,$C5,$63,$B0,$10,$A5,$54,$CD,$BF,$02,$B0,$09,$20,$A2,$F5
5E90  A0009168F0          DB      $A0,$00,$91,$68,$F0,$DA,$A0,$00,$98,$91,$68,$20,$68,$FC,$20,$A8
5EA0  FC4CDDFB38          DB      $FC,$4C,$DD,$FB,$38,$20,$7B,$FB,$A5,$52,$85,$55,$20,$47,$F9,$A5
5EB0  6485681869          DB      $64,$85,$68,$18,$69,$28,$85,$66,$A5,$65,$85,$69,$69,$00,$85,$67
5EC0  A654E017F0          DB      $A6,$54,$E0,$17,$F0,$08,$20,$4E,$FB,$E8,$E0,$17,$D0,$F8,$20,$9B
5ED0  FB4CDDFB20          DB      $FB,$4C,$DD,$FB,$20,$DD,$FB,$A4,$51,$84,$54,$A4,$54,$98,$38,$20
5EE0  23FB089818          DB      $23,$FB,$08,$98,$18,$69,$78,$28,$20,$04,$FB,$C8,$C0,$18,$D0,$ED
5EF0  ADB4020901          DB      $AD,$B4,$02,$09,$01,$8D,$B4,$02,$A5,$52,$85,$55,$20,$47,$F9,$20
5F00  B7FB2020FB          DB      $B7,$FB,$20,$20,$FB,$90,$D4,$4C,$DD,$FB,$A0,$20,$20,$D8,$FC,$88
5F10  10FA60A902          DB      $10,$FA,$60,$A9,$02,$D0,$0A,$A4,$4C,$30,$2B,$A0,$00,$91,$64,$A9
5F20  018D9E02A5          DB      $01,$8D,$9E,$02,$A5,$4C,$30,$1E,$A5,$64,$38,$ED,$9E,$02,$85,$64
5F30  B002C665A5          DB      $B0,$02,$C6,$65,$A5,$0F,$C5,$65,$90,$0C,$D0,$06,$A5,$0E,$C5,$64
5F40  9004A99385          DB      $90,$04,$A9,$93,$85,$4C,$60,$A5,$54,$48,$A5,$55,$48,$A5,$56,$48
5F50  20F3FCA554          DB      $20,$F3,$FC,$A5,$54,$85,$66,$A9,$00,$85,$67,$A5,$66,$0A,$26,$67
5F60  8551A4678C          DB      $85,$51,$A4,$67,$8C,$9F,$02,$0A,$26,$67,$0A,$26,$67,$18,$65,$51
5F70  8566A5676D          DB      $85,$66,$A5,$67,$6D,$9F,$02,$85,$67,$A6,$57,$BC,$81,$FE,$88,$30
5F80  0706662667          DB      $07,$06,$66,$26,$67,$4C,$7E,$F9,$BC,$A5,$FE,$A5,$55,$A2,$07,$88
5F90  300ACA4656          DB      $30,$0A,$CA,$46,$56,$6A,$6E,$A1,$02,$4C,$8F,$F9,$C8,$18,$65,$66
5FA0  85669002E6          DB      $85,$66,$90,$02,$E6,$67,$38,$6E,$A1,$02,$18,$CA,$10,$F9,$AE,$A1
5FB0  02A5661865          DB      $02,$A5,$66,$18,$65,$64,$85,$64,$85,$5E,$A5,$67,$65,$65,$85,$65
5FC0  855FBDB1FE          DB      $85,$5F,$BD,$B1,$FE,$8D,$A0,$02,$85,$6F,$68,$85,$56,$68,$85,$55
5FD0  68855460A9          DB      $68,$85,$54,$60,$A9,$00,$F0,$02,$A9,$9B,$85,$7D,$E6,$63,$E6,$55
5FE0  D002E656A5          DB      $D0,$02,$E6,$56,$A5,$55,$A6,$57,$DD,$8D,$FE,$F0,$0B,$E0,$00,$D0
5FF0  06C553F002          DB      $06,$C5,$53,$F0,$02,$B0,$01,$60,$E0,$08,$90,$04,$A5,$56,$F0,$F7
6000  A557D030A5          DB      $A5,$57,$D0,$30,$A5,$63,$C9,$51,$90,$0A,$A5,$7D,$F0,$26,$20,$30
6010  FA4C77FA20          DB      $FA,$4C,$77,$FA,$20,$34,$FA,$A5,$54,$18,$69,$78,$20,$25,$FB,$90
6020  08A57DF004          DB      $08,$A5,$7D,$F0,$04,$18,$20,$A5,$F8,$4C,$DD,$FB,$A9,$00,$F0,$02
6030  A99B857D20          DB      $A9,$9B,$85,$7D,$20,$E4,$FC,$A9,$00,$85,$56,$E6,$54,$A6,$57,$A0
6040  18247B1005          DB      $18,$24,$7B,$10,$05,$A0,$04,$98,$D0,$03,$BD,$99,$FE,$C5,$54,$D0
6050  268C9D028A          DB      $26,$8C,$9D,$02,$8A,$D0,$20,$A5,$7D,$F0,$1C,$C9,$9B,$38,$F0,$01
6060  1820ACFBEE          DB      $18,$20,$AC,$FB,$EE,$BB,$02,$C6,$6C,$CE,$9D,$02,$AD,$B2,$02,$38
6070  10EFAD9D02          DB      $10,$EF,$AD,$9D,$02,$85,$54,$4C,$DD,$FB,$38,$B5,$70,$E5,$74,$95
6080  70B571E575          DB      $70,$B5,$71,$E5,$75,$95,$71,$60,$AD,$BF,$02,$C9,$04,$F0,$07,$A5
6090  57F00320FC          DB      $57,$F0,$03,$20,$FC,$F3,$A9,$27,$C5,$53,$B0,$02,$85,$53,$A6,$57
60A0  BD99FEC554          DB      $BD,$99,$FE,$C5,$54,$90,$2A,$F0,$28,$E0,$08,$D0,$0A,$A5,$56,$F0
60B0  13C901D01C          DB      $13,$C9,$01,$D0,$1C,$F0,$04,$A5,$56,$D0,$16,$BD,$8D,$FE,$C5,$55
60C0  900FF00DA9          DB      $90,$0F,$F0,$0D,$A9,$01,$85,$4C,$A9,$80,$A6,$11,$85,$11,$F0,$06
60D0  6020D6F7A9          DB      $60,$20,$D6,$F7,$A9,$8D,$85,$4C,$68,$68,$A5,$7B,$10,$03,$20,$B9
60E0  FC4C34F6A0          DB      $FC,$4C,$34,$F6,$A0,$00,$A5,$5D,$91,$5E,$60,$48,$29,$07,$AA,$BD
60F0  B9FE856E68          DB      $B9,$FE,$85,$6E,$68,$4A,$4A,$4A,$AA,$60,$2E,$B4,$02,$2E,$B3,$02
6100  2EB2026090          DB      $2E,$B2,$02,$60,$90,$0C,$20,$EB,$FA,$BD,$A3,$02,$05,$6E,$9D,$A3
6110  026020EBFA          DB      $02,$60,$20,$EB,$FA,$A5,$6E,$49,$FF,$3D,$A3,$02,$9D,$A3,$02,$60
6120  A554186978          DB      $A5,$54,$18,$69,$78,$20,$EB,$FA,$18,$BD,$A3,$02,$25,$6E,$F0,$01
6130  3860ADFA02          DB      $38,$60,$AD,$FA,$02,$A4,$57,$C0,$03,$B0,$0F,$2A,$2A,$2A,$2A,$29
6140  03AAADFA02          DB      $03,$AA,$AD,$FA,$02,$29,$9F,$1D,$FA,$FE,$8D,$FB,$02,$60,$A9,$02
6150  8565A94785          DB      $85,$65,$A9,$47,$85,$64,$A0,$27,$B1,$66,$85,$50,$B1,$68,$91,$66
6160  A550916488          DB      $A5,$50,$91,$64,$88,$10,$F1,$A5,$65,$85,$69,$A5,$64,$85,$68,$18
6170  A566692885          DB      $A5,$66,$69,$28,$85,$66,$90,$02,$E6,$67,$60,$08,$A0,$17,$98,$20
6180  22FB089818          DB      $22,$FB,$08,$98,$18,$69,$79,$28,$20,$04,$FB,$88,$30,$04,$C4,$54
6190  B0ECA55418          DB      $B0,$EC,$A5,$54,$18,$69,$78,$28,$4C,$04,$FB,$A5,$52,$85,$55,$20
```

```
61A0  47F9A027A9          DB      $47,$F9,$A0,$27,$A9,$00,$91,$64,$88,$10,$FB,$60,$20,$FA,$FA,$A5
61B0  588564A559          DB      $58,$85,$64,$A5,$59,$85,$65,$A0,$28,$B1,$64,$A6,$6A,$CA,$E4,$65
61C0  D008A2D7E4          DB      $D0,$08,$A2,$D7,$E4,$64,$B0,$02,$A9,$00,$A0,$00,$91,$64,$E6,$64
61D0  D0E5E665A5          DB      $D0,$E5,$E6,$65,$A5,$65,$C5,$6A,$D0,$DD,$4C,$DD,$FB,$A9,$00,$85
61E0  63A5548551          DB      $63,$A5,$54,$85,$51,$A5,$51,$20,$22,$FB,$B0,$0C,$A5,$63,$18,$69
61F0  288563C651          DB      $28,$85,$63,$C6,$51,$4C,$E5,$FB,$18,$A5,$63,$65,$55,$85,$63,$60
6200  209DFCA563          DB      $20,$9D,$FC,$A5,$63,$48,$A5,$6C,$85,$54,$A5,$6D,$85,$55,$A9,$01
6210  856BA217A5          DB      $85,$6B,$A2,$17,$A5,$7B,$10,$02,$A2,$03,$E4,$54,$D0,$0B,$A5,$55
6220  C553D005E6          DB      $C5,$53,$D0,$05,$E6,$6B,$4C,$39,$FC,$20,$D4,$F9,$E6,$6B,$A5,$63
6230  C552D0DEC6          DB      $C5,$52,$D0,$DE,$C6,$54,$20,$99,$F7,$20,$A2,$F5,$D0,$17,$C6,$6B
6240  A563C552F0          DB      $A5,$63,$C5,$52,$F0,$0F,$20,$99,$F7,$A5,$55,$C5,$53,$D0,$02,$C6
6250  54A56BD0E4          DB      $54,$A5,$6B,$D0,$E4,$68,$85,$63,$20,$A8,$FC,$60,$20,$DD,$FB,$A5
6260  51856CA552          DB      $51,$85,$6C,$A5,$52,$85,$6D,$60,$A5,$63,$C5,$52,$D0,$02,$C6,$54
6270  20DDFBA563          DB      $20,$DD,$FB,$A5,$63,$C5,$52,$F0,$13,$20,$47,$F9,$A5,$53,$38,$E5
6280  52A8B164D0          DB      $52,$A8,$B1,$64,$D0,$06,$88,$10,$F9,$4C,$DB,$F8,$60,$A2,$2D,$BD
6290  C6FECDFB02          DB      $C6,$FE,$CD,$FB,$02,$F0,$05,$CA,$CA,$CA,$10,$F3,$60,$A2,$02,$B5
62A0  549DB802CA          DB      $54,$9D,$B8,$02,$CA,$10,$F8,$60,$A2,$02,$BD,$B8,$02,$95,$54,$CA
62B0  10F86020B9          DB      $10,$F8,$60,$20,$B9,$FC,$4C,$34,$F6,$AD,$BF,$02,$C9,$18,$F0,$17
62C0  A20BB55448          DB      $A2,$0B,$B5,$54,$48,$BD,$90,$02,$95,$54,$68,$9D,$90,$02,$CA,$10
62D0  F1A57B49FF          DB      $F1,$A5,$7B,$49,$FF,$85,$7B,$60,$A2,$7F,$8E,$1F,$D0,$8E,$0A,$D4
62E0  CA10F760A9          DB      $CA,$10,$F7,$60,$A9,$00,$A6,$7B,$D0,$04,$A6,$57,$D0,$02,$A5,$52
62F0  855560A558          DB      $85,$55,$60,$A5,$58,$85,$64,$A5,$59,$85,$65,$60,$A2,$00,$A5,$22
6300  C911F008C9          DB      $C9,$11,$F0,$08,$C9,$12,$F0,$03,$A0,$84,$60,$E8,$8E,$B7,$02,$A5
6310  548560A555          DB      $54,$85,$60,$A5,$55,$85,$61,$A5,$56,$85,$62,$A9,$01,$85,$79,$85
6320  7A38A560E5          DB      $7A,$38,$A5,$60,$E5,$5A,$85,$76,$B0,$0D,$A9,$FF,$85,$79,$A5,$76
6330  49FF186901          DB      $49,$FF,$18,$69,$01,$85,$76,$38,$A5,$61,$E5,$5B,$85,$77,$A5,$62
6340  E55C8578B0          DB      $E5,$5C,$85,$78,$B0,$16,$A9,$FF,$85,$7A,$A5,$77,$49,$FF,$85,$77
6350  A57849FF85          DB      $A5,$78,$49,$FF,$85,$78,$E6,$77,$D0,$02,$E6,$78,$A2,$02,$A0,$00
6360  8473989570          DB      $84,$73,$98,$95,$70,$B5,$5A,$95,$54,$CA,$10,$F6,$A5,$77,$E8,$A8
6370  A578857F85          DB      $A5,$78,$85,$7F,$85,$75,$D0,$0B,$A5,$77,$C5,$76,$B0,$05,$A5,$76
6380  A202A89885          DB      $A2,$02,$A8,$98,$85,$7E,$85,$74,$48,$A5,$75,$4A,$68,$6A,$95,$70
6390  A57E057FD0          DB      $A5,$7E,$05,$7F,$D0,$03,$4C,$42,$FE,$18,$A5,$70,$65,$76,$85,$70
63A0  9002E671A5          DB      $90,$02,$E6,$71,$A5,$71,$C5,$75,$90,$14,$D0,$06,$A5,$70,$C5,$74
63B0  900C18A554          DB      $90,$0C,$18,$A5,$54,$65,$79,$85,$54,$A2,$00,$20,$7A,$FA,$18,$A5
63C0  7265778572          DB      $72,$65,$77,$85,$72,$A5,$73,$65,$78,$85,$73,$C5,$75,$90,$27,$D0
63D0  06A572C574          DB      $06,$A5,$72,$C5,$74,$90,$1F,$24,$7A,$10,$10,$C6,$55,$A5,$55,$C9
63E0  FFD00EA556          DB      $FF,$D0,$0E,$A5,$56,$F0,$0A,$C6,$56,$10,$06,$E6,$55,$D0,$02,$E6
63F0  56A202207A          DB      $56,$A2,$02,$20,$7A,$FA,$20,$96,$FA,$20,$E0,$F5,$AD,$B7,$02,$F0
6400  2F209DFCAD          DB      $2F,$20,$9D,$FC,$AD,$FB,$02,$8D,$BC,$02,$A5,$54,$48,$20,$DC,$F9
6410  6885542096          DB      $68,$85,$54,$20,$96,$FA,$20,$A2,$F5,$D0,$0C,$AD,$FD,$02,$8D,$FB
6420  0220E0F54C          DB      $02,$20,$E0,$F5,$4C,$0A,$FE,$AD,$BC,$02,$8D,$FB,$02,$20,$A8,$FC
6430  38A57EE901          DB      $38,$A5,$7E,$E9,$01,$85,$7E,$A5,$7F,$E9,$00,$85,$7F,$30,$03,$4C
6440  90FD4C34F6          DB      $90,$FD,$4C,$34,$F6,$18,$10,$0A,$0A,$10,$1C,$34,$64,$C4,$C4,$C4
6450  C417170B17          DB      $C4,$17,$17,$0B,$17,$2F,$2F,$5F,$5F,$61,$61,$61,$61,$13,$13,$09
6460  1327274F4F          DB      $13,$27,$27,$4F,$4F,$41,$41,$41,$41,$02,$06,$07,$08,$09,$0A,$0B
6470  0D0F0F0F0F          DB      $0D,$0F,$0F,$0F,$0F,$00,$00,$00,$00,$00,$00,$00,$01,$01,$01,$01
6480  0102010100          DB      $01,$02,$01,$01,$00,$00,$01,$01,$02,$02,$02,$02,$02,$28,$14,$14
6490  285050A0A0          DB      $28,$50,$50,$A0,$A0,$40,$50,$50,$50,$18,$18,$0C,$18,$30,$30,$60
64A0  60C0C0C0C0          DB      $60,$C0,$C0,$C0,$C0,$00,$00,$00,$00,$02,$03,$02,$03,$02,$03,$01
64B0  0100FFF00F          DB      $01,$00,$FF,$F0,$0F,$C0,$30,$0C,$03,$80,$40,$20,$10,$08,$04,$02
64C0  0128CA9446          DB      $01,$28,$CA,$94,$46,$00,$1B,$79,$F7,$1C,$7F,$F7,$1D,$8C,$F7,$1E
64D0  99F71FAAF7          DB      $99,$F7,$1F,$AA,$F7,$7D,$B9,$F7,$7E,$E6,$F7,$7F,$10,$F8,$9B,$30
64E0  FA9CD4F89D          DB      $FA,$9C,$D4,$F8,$9D,$A4,$F8,$9E,$32,$F8,$9F,$2D,$F8,$FD,$0A,$F9
64F0  FE6DF8FF37          DB      $FE,$6D,$F8,$FF,$37,$F8,$40,$00,$20,$60,$20,$40,$00,$60,$6C,$6A
6500  3B80806B2B          DB      $3B,$80,$80,$6B,$2B,$2A,$6F,$80,$70,$75,$9B,$69,$2D,$3D,$76,$80
6510  6380806278          DB      $63,$80,$80,$62,$78,$7A,$34,$80,$33,$36,$1B,$35,$32,$31,$2C,$20
6520  2E6E806D2F          DB      $2E,$6E,$80,$6D,$2F,$81,$72,$80,$65,$79,$7F,$74,$77,$71,$39,$80
```

```
6530  30377E383C          DB      $30,$37,$7E,$38,$3C,$3E,$66,$68,$64,$80,$82,$67,$73,$61,$4C,$4A
6540  3A80804B5C          DB      $3A,$80,$80,$4B,$5C,$5E,$4F,$80,$50,$55,$9B,$49,$5F,$7C,$56,$80
6550  4380804258          DB      $43,$80,$80,$42,$58,$5A,$24,$80,$23,$26,$1B,$25,$22,$21,$5B,$20
6560  5D4E804D3F          DB      $5D,$4E,$80,$4D,$3F,$81,$52,$80,$45,$59,$9F,$54,$57,$51,$28,$80
6570  29279C407D          DB      $29,$27,$9C,$40,$7D,$9D,$46,$48,$44,$80,$83,$47,$53,$41,$0C,$0A
6580  7B80800B1E          DB      $7B,$80,$80,$0B,$1E,$1F,$0F,$80,$10,$15,$9B,$09,$1C,$1D,$16,$80
6590  0380800218          DB      $03,$80,$80,$02,$18,$1A,$80,$80,$85,$80,$1B,$80,$FD,$80,$00,$20
65A0  600E800D80          DB      $60,$0E,$80,$0D,$80,$81,$12,$80,$05,$19,$9E,$14,$17,$11,$80,$80
65B0  8080FE807D          DB      $80,$80,$FE,$80,$7D,$FF,$06,$08,$04,$80,$84,$07,$13,$01,$AD,$09
65C0  D2CDF202D0          DB      $D2,$CD,$F2,$02,$D0,$05,$AD,$F1,$02,$D0,$20,$AD,$09,$D2,$C9,$9F
65D0  D00AADFF02          DB      $D0,$0A,$AD,$FF,$02,$49,$FF,$8D,$FF,$02,$B0,$0F,$8D,$FC,$02,$8D
65E0  F202A9038D          DB      $F2,$02,$A9,$03,$8D,$F1,$02,$A9,$00,$85,$4D,$A9,$30,$8D,$2B,$02
65F0  6840FFFFFF          DB      $68,$40,$FF,$FF,$FF,$FF,$FF,$FF,$F3,$E6,$91,$E7,$25,$F1,$F3,$E6
```

```
                ATARI CAMAC Assembler Ver  1.0A  Page  58
  The ATARI Translator  ---------------------          D1:XLATOR.ASM
  End  ------------------------------------

  6600              RAMEND
  6600                      END     RAMLOAD


  no ERRORs,  145 Labels, $83C5 free.



     ?Q0003 3C6C
     ?Q0004 3C95
     ?Q0005 3CBE
     ?Q0006 CF38
     ?X0007 CF78
     ?X0008 CF98
     ?X0009 CFB5
     ?Y0007 CF85
     ?Y0008 CFA5
     ?Y0009 CFC2
     ?Z0003 3C59
     ?Z0004 3C82
     ?Z0005 3CAB
     ?Z0006 CF25
     ABORT  0749      3#53    4/11
     ALIGN  mac       2#52   20/15   41/19   44/56
     ALTSCR 0803      4/30    4/32    6# 7
     BOOTSO 3B46      3/15   39#12
   s CARTCK 03EB     42/37   43/50
     CARTIN 3B28     38#45   38/47   41/29
   s CHACT  02F3     40/37   40/45
   s CIOV   E456      3/43    5/13
     COLDIN CF6B     43/12   44#34
   s COLDSV E477      5/27   42/49
     COLOR  1002      7#17   39/28
   s COLOR2 02C6      3/22   39/30
   s COLOR4 02C8      3/23   39/29
   s CONSOL D01F     41/37   41/38
   s COUNT  0084     42/ 9   42/ 9   42/10   42/10   42/11   42/11   43/47   43/47
    n CPYRT  CFC5     44#45
     CRTLEN 0012     38#47   41/27
   s DAUX1  030A      4/31    4/41    5/43   39/53
   s DAUX2  030B      4/21    5/45
   s DBUF   0304      4/23    4/25    4/37    4/39    5/37    5/39    5/40    5/42   39/49   39/51
   s DCOMND 0302      5/30
   s DEST   0080     42/ 9   42/ 9   42/ 9   42/ 9   42/10   42/10   42/10   42/10   42/11   42/11   42/11
42/11   43/47
                     43/47   43/47   43/47
     DLI    3BF0     39/23   39/25   40#53
     DLINK1 1065      7/16    7#33
     DLINK2 1045     20/20   20#31
     DLIOUT 3BFA     40/55   40#58
   s DLJ    0086     40/20   40/23   41/20   41/22
     DLJMP  1000      7#16   41/19   41/21
     DLST1  0807      3/24    3/26    6#10    6/14
     DLST2  1003      7#19   28/27   38/13   39/18   39/20
    n DLST3  1003     20#23
   s DMACTL D400     39/13   41/44
   s DOSINI 000C     44/34   44/34   44/34   44/34   44/39   44/39   44/39   44/39   44/42   44/42   44/42
44/42
```

```
    DSCAN1 CF88     43/ 8   44#37
    DSCAN2 CFA8     43/ 9   44#42
  s DSKINV E453      5/33
  s DUNIT  0301      5/32
    ERR1   081C      3/50    3/52    6#17
    ERR2   087A      4/ 8    4/10    6#22
    ESCR1  1DFF      6/ 7   19#49
    ESCR2  2617      6/ 8   27#39
    ESCR3  3BFC      4/42   40#60
    GETBAD 07D3      5#27    5/34
    GETNXT 07FE      5/44    5#47
    GETSEC 07D6      4/34    4/44    5#29    5/48   39/56
  s GINTLK 03FA     42/35   43/48
  s GPRIOR 026F     39/33
    HUNG   074F      3#56    3/56
  s ICBA   0344      3/51    3/53    4/ 9    4/15    4/17    5/15    5/17    5/18    5/20
  s ICBL   0348      3/38    3/39    5/ 9    5/12    5/16
  s ICCMD  0342      3/41    5/ 7
  s IRQEN  D20E     41/46   44/37
    LINER  07AA      3/55    4/18    5# 6
    LINER1 07B4      5#11    5/22
  s LMARGN 0052      3/30   43/59
  s MLCNT  0088      3/46    4/33    4/43    5/21    5/47   39/55
  s NMIEN  D40E     39/15   39/41   41/45
    NOCART 3C15     41#29   41/31
  s OFFTIM FFEB     40/38
    OKMSG  08DC      4/14    4/16    6#27
  s ONTIME FF9B     40/46
    ONWARD 0762      4/ 7    4#14
  s OS800  00A2      3/48
    OSOBJ  3E00     42/ 9   42/ 9   46# 5
  s OSTYPE FCD8      3/47
    PATCH  mac       2#24   42/ 9   42/10   42/11   43/47
   n PATCLD 3CE8     43#12
   n PATIRQ 3CDC     43# 8
   n PATNMI 3CDF     43# 9
   n PATROJ 3CE2     43#10
    PATSIZ 3CE5     42/11   42/11   43#11
    PC0COD 3CEB     42/10   42/10   43#21   44/50
    PC0LEN 00F1     42/10   42/10   44#50
    PHASE1 08FB      3/13    6#29
  s PORTB  D301     41/49   41/51   43/31   43/33
  s PRIOR  D01B     40/57
  s PUPBT1 033D     42/41   43/54
  s PUTCHR 000B      3/40
  s PUTREC 0009      5/ 6
    RAMCHK 0752      3/49    4# 5
    RAMEND 6600     39/54   58# 5
  s RAMLIN 0160     43/47   43/47   44/34   44/34   44/34   44/34   44/39   44/39   44/39   44/39   44/42
44/42   44/42
                    44/42
  s RAMLOA 0700      3/11    3/13    3/14    4/40    6/ 7    6/ 8   39/52   58/ 6
  s RAMSCA CF00     42/10   42/10   43/22
  s RAMSIZ 02E4      4/ 5   41/24
  s RANDOM D20A      4/27
    RECON  3CD0     42#41   42/44
    RESET  0000      2#57   42/12
    REWARM CF46     43#53   43/56
```

```
  s  RTCLOK 0012     39/44   39/45
  s  SAVMSC 0058      3/31    3/33
     SCRMEM 0813      3/32    3/34    6#12
  s  SDLST  0230      3/25    3/27   39/19   39/21
  s  SDMCTL 022F     39/14   39/43   41/43
     SELECT 3C1F     41#36   41/40
     SELTXT 3B02     38#39   40/32   40/35   40/36   40/42   40/44
  s  SETVBV E45C     39/38
     SHADOW 3B8A     39#45   39/46
     SIZRAM CF5E     43/11   44#19
     SIZRTS CF6A     44/23   44#25
  s  SOURCE 0082     42/ 9   42/ 9   42/ 9   42/ 9   42/10   42/10   42/10   42/10   42/11   42/11   42/11
42/11   43/47
                   43/47   43/47   43/47
     SSCR1  1000     4/22    4/24    6/ 7    6/ 7    7#15   20/19
     SSCR2  1E00     6/ 8    6/ 8   20#17
     SSCR3  3000     4/36    4/38    4/40    4/42    7/33   20/31   28#15
     SSM1   1067     7/20    7#36
     SSM2   1047    20/24   20#34
     SSM3   3046    28/17   28#30
     SSTXT  3A6E    38#10   40/19   40/22
     STKCOD CF00    43#28   43/35   43/47   43/47
     STKLEN 000F    43#35   43/47   43/47
     STXTM  3A7E    38/11   38#16
     SVCRTC CF5A    42/38   43/49   44#11
     SVDINI CF56    44# 8   44/34   44/34   44/34   44/39   44/39   44/42   44/42
     SVINTL CF59    42/36   43/47   44#10
     SVPORT CF58    42/33   43/32   44# 9
     SVPUCH CF5B    42/42   43/53   44#12
     SWAPOS 3C00    39/48   39/50   39/52   39/54   39/57   41#19
  s  TRAMSZ 0006    44/21
     TROJAN CF0F    43/10   43#47
  s  TXTFLG 008A    39/16   40/14   40/26   40/54   41/34
     TXTON  3C1B    41/26   41#33
  s  VBCLOK 008C    40/13   40/28   40/30   40/39   40/47
     VBFLON 3BDC    40/33   40#41
     VBFLSH 3BC2    40/17   40#30
     VBL    3BA7    39/35   39/36   40#13
     VBOUT  3BED    40/15   40/31   40/40   40#51
  s  VDSLST 0200    39/24   39/26
  s  VVBLKI 0222    44/42
  s  WARMSV E474    43/34
     WATCH  mac      2# 7   44/34   44/39   44/42
  s  XITVBV E462    40/51
```