

Atari Translator, Version 3, Configured for PAL TV systems, 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:	XLPALSB.PRT
Title of document:	Atari Translator, Version 3, Configured for PAL TV systems, Side B
Author(s):	Joe MILLER (Joseph B. MILLER III) & Greg RIKER
Original file date:	1984-02-01
Type of document:	Software, commented source code
Target audience:	Internal
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Reference (Atari):	(unknown)
Reference (Laurent Delsarte):	For any discussion, this PDF has been given the reference BKUP-1984-02-01-SOFT-0006A-3 which should be quoted in any communication.
Tags:	#Atari #8bit #6502 #400 #800 #1200XL #800XL #1400XL #1450XLD #OS #REV.A #REV.10 #REV.11 #REV.1 #REV.2 #PAL #Translator

Comments:

This is the printout of the original source code, fully commented.

What makes this document so interesting are all these valuable comments, as well as the specific features of this PAL version.

Produced with ATARI CAMAC Assembler.

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Atari Translator, Version 3, Configured for PAL TV systems, Side B

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

0000      ; =====
          ;
          ;     ATARI Translator
          ;
          ;     Version 3                      (Configured for PAL TV systems)
          ;     February 1, 1984
          ;
          ;     This auto-booting diskette installs an ATARI 800 Operating
          ;     System (PAL Rev. A) 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 execute
          ;     on the XL computers due to "violations" of the rules
          ;     for proper Operating System usage. It is NOT meant to encourage
          ;     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. environment.
          ;     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 configured
          ;     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)
          ;     + 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, etc.
          ;
          ;     MODS:   Joe Miller  International version (PAL Rev. A)  84-02-03
          ;           Joe Miller  Add parallel disk drive support    83-11-04
          ;           Joe Miller  Add graphics and code for [RESET]  83-09-15
          ;           Greg Riker  Original implementation            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 0.S. copy
            INC      DEST+1
            BNE      ?Z%K
?Q%K        ENDM

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

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

0000

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; -----
; Disk boot record
; -----
0000 = 0700      ORG   RAMLOAD
0700 00         DB    0
0701 04         DB    [PHASE1 - RAMLOAD + 127] / 128
0702 0007       DW    RAMLOAD
0704 703B      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    #0S800
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

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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 A919                LDA    #low [[ESCR3 - SSCR3 + 127]/128]
07A3 8588                STA    MLCNT          ;Number of sectors
07A5 20D607          JSR    GETSECS        ;Load remainder of display

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

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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
; -----

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

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,$0F
1036 7070           DB      $70,$70
1038 0F0F0F0F0F    DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
1040 0F0F0F0F0F    DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
1048 0F0F0F0F0F    DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
1050 0F0F0F0F0F    DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
1058 0F0F0F0F0F    DB      $0F,$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,$00
106F 0000000000    DB      $00,$00,$00,$00,$00,$00,$00,$00,$00
1077 000FFFFFFF    DB      $00,$0F,$FF,$FF,$FF,$FF,$F0,$00,$00
107F 0000000000    DB      $00,$00,$00,$00,$00,$00,$00,$00,$00
1087 0000000000    DB      $00,$00,$00,$00,$00,$00,$00,$00,$00
*
* ROW 4
*
108F 0000000000    DB      $00,$00,$00,$00,$00,$00,$00,$00,$00
1097 0000000000    DB      $00,$00,$00,$00,$00,$00,$00,$00,$00
109F 000F00F00F    DB      $00,$0F,$00,$F0,$0F,$00,$F0,$00,$00
10A7 0000000000    DB      $00,$00,$00,$00,$00,$00,$00,$00,$00
10AF 0000000000    DB      $00,$00,$00,$00,$00,$00,$00,$00,$00
*
* ROW 5
*
10B7 0000000000    DB      $00,$00,$00,$00,$00,$00,$00,$00,$00
10BF 0000000000    DB      $00,$00,$00,$00,$00,$00,$00,$00,$00
10C7 000F00F00F    DB      $00,$0F,$00,$F0,$0F,$00,$F0,$00,$00
10CF 0000000000    DB      $00,$00,$00,$00,$00,$00,$00,$00,$00
10D7 0000000000    DB      $00,$00,$00,$00,$00,$00,$00,$00,$00

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*
* 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,$0F,$0F,$00,$0F,$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
*
    
```

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* 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

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```

*
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
*

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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
    
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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 FFF0000F00      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

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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 F11F0000F1F      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 F11F0000E1E      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
    
```



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*
* 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
*

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* 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

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*
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
*

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```

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 3C0C00CDDD      DB      $3C,$0C,$C0,$CD,$DD,$C0,$3C,$00
1C7F C30CC00C30      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      *0
                    = 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,$30
1020# 0F0F0F0F0F    DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
102A# 0F0F0F0F0F    DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
1034# 0F0F0F0F0F    DB      $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# 0606000006      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# 0008088800      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# 0090990000      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# 00A0AA0000      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# 00B0BB0000      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# 00F0FF00F      DB      $00,$F0,$FF,$00,$0F,$0F,$F0,$00
12FF# F0FFFFFF0F      DB      $F0,$FF,$FF,$FF,$0F,$FF,$FF,$F0
1307# FF00F000F      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# F0FFFFFF0F      DB      $F0,$FF,$FF,$FF,$0F,$FF,$FF,$F0
132F# FF00F000F      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# C0CCCC000C      DB      $C0,$CC,$CC,$CC,$0C,$CC,$CC,$C0
1357# CC00C000C      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# C0CCCC000C      DB      $C0,$CC,$CC,$CC,$0C,$CC,$CC,$C0
137F# CC00C000C      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
```

```

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# 9000099909      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# 9000099909      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# 8000088808      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# 8000088808      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# 7000077007      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# 7000077007      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# 6000066006      DB      $60,$00,$00,$66,$06,$66,$00,$00
    
```

```

1537# 6600060006      DB      $66,$00,$06,$00,$06,$66,$00,$60
153F# 0060060006      DB      $00,$66,$06,$60,$00,$60,$00,$00
*
* ROW 66
*
1547# 0000000066      DB      $00,$00,$00,$00,$66,$60,$06,$60
154F# 0060060006      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# 00000000D0      DB      $0D,$00,$0D,$00,$D0,$0D,$00,$00
1787# D00D0000D0      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# CCCC0CCCC      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# B00BBB00B0      DB      $B0,$0B,$BB,$B0,$0B,$00,$00,$00
1807# 0BBB000BBB      DB      $0B,$BB,$B0,$0B,$BB,$BB,$B0,$BB
180F# BBBB0BBBBB      DB      $BB,$BB,$0B,$BB,$BB,$00,$00,$00
*
1817# = 2617          ORG      *0
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 0F0F0F0F   DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
300B 0F0F0F0F   DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
3013 0F0F0F0F   DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
301B 0F0F0F0F   DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
3023 0F0F0F0F   DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
302B 0F0F0F0F   DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
3033 0F0F0F0F   DB      $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
303B 0F0F0F0F   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 11111EEEEEE   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 2222EEEEEE      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 2222EEEEEE      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 2222DDDDDD      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 3333DDDDDD      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 3333DDDDDD      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 4444CCCCC      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 4444CCCCC      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 FFF111111111      DB      $FF,$F1,$11,$11,$11,$FF,$FF,$F0
343E AAAAA66666        DB      $AA,$AA,$A6,$66,$66,$66,$AA,$AA
3446 A0FFFFFF1111      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 EEE111111111      DB      $EE,$E1,$11,$11,$11,$EE,$EE,$E0
3466 AAAAA66666        DB      $AA,$AA,$A6,$66,$66,$66,$AA,$AA
346E A0EEEEEE1111      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 BBBB666666        DB      $BB,$BB,$B6,$66,$66,$66,$BB,$BB
3496 B0EEEEEE2222      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 BBBB555555        DB      $BB,$BB,$B5,$55,$55,$55,$BB,$BB
34BE B0EEEEEE2222      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 BBBB555555        DB      $BB,$BB,$B5,$55,$55,$55,$BB,$BB
34E6 B0DDDDDD2222      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 C0DDDDDD3333      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 C0DDDDDD3333      DB      $C0,$DD,$DD,$D3,$33,$33,$33,$DD
353E DDD0000000        DB      $DD,$D0,$00,$00,$00,$00,$00,$00

*
* ROW 130

```

```

*
354E 000000000 DB $00,$00,$00,$00,$00,$00,$00,$00,$CC
354E CCC4444444 DB $CC,$C4,$44,$44,$44,$CC,$CC,$C0
355E CCCC444444 DB $CC,$CC,$C4,$44,$44,$44,$CC,$CC
355E C0CCCC4444 DB $C0,$CC,$CC,$C4,$44,$44,$44,$CC
356E CCC0000000 DB $CC,$C0,$00,$00,$00,$00,$00,$00
*
* ROW 131
*
356E 000000000 DB $00,$00,$00,$00,$00,$00,$00,$00,$CC
357E CCC4444444 DB $CC,$C4,$44,$44,$44,$CC,$CC,$C0
357E DDDDD33333 DB $DD,$DD,$D3,$33,$33,$33,$DD,$DD
358E D0CCCC4444 DB $D0,$CC,$CC,$C4,$44,$44,$44,$CC
358E CCC0000000 DB $CC,$C0,$00,$00,$00,$00,$00,$00
*
* ROW 132
*
359E 000000000 DB $00,$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 D0CCCC4444 DB $D0,$CC,$CC,$C4,$44,$44,$44,$CC
35B6 CCC0000000 DB $CC,$C0,$00,$00,$00,$00,$00,$00
*
* ROW 133
*
35BE 000000000 DB $00,$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 000000000 DB $00,$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 000000000 DB $00,$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 000000000 DB $00,$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
*

```

```

365E 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$AA
3666 AAA6666666      DB      $AA,$A6,$66,$66,$66,$AA,$AA,$A0
366E FFFFFFF11111      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 FFFFFFF11111      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 7779989888      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
37FE 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

```

```

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 111EEEEEEEE    DB      $11,$1E,$EE,$EE,$EE,$11,$11,$10
39DE 0000000000     DB      $00,$00,$00,$00,$00,$00,$00,$00
39E6 0011111EEEE    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 803A DW STXTM
3A71 7002100210 DB $70,$02,$10,$02,$10,$02,$70,$10,$02,$70,$10,$02,$41
3A7E 0310 DW DLST2

3A80 STXTM
3A80 0000000000 DB 0,0,0,0,0,0
3A86 1C00266F72 DB $1C,0,$26,$6F,$72,0,$30,$21,$2C,0 ;< For PAL
3A90 3436003379 DB $34,$36,0,$33,$79,$73,$74,$65,$6D,$73,0 ;TV Systems
3A9B 2F6E6C7901 DB $2F,$6E,$6C,$79,1,0,$1E ;Only! >
3AA2 0000000000 DB 0,0,0,0,0,0

3AA8 0000000000 DB 0,0,0,0,0,0
3AAE 306C656173 DB $30,$6C,$65,$61,$73,$65,0 ;Please
3AB5 72656D6F76 DB $72,$65,$6D,$6F,$76,$65,0 ;remove
3ABC 74686500 DB $74,$68,$65,0 ;the
3AC0 3432212E33 DB $34,$32,$21,$2E,$33,$2C,$21,$34,$2F,$32,$0C ;TRANSLATOR,
3ACB 0000000000 DB 0,0,0,0,0,0

3AD0 0000000000 DB 0,0,0,0,0,0
3AD6 696E736572 DB $69,$6E,$73,$65,$72,$74,0 ;insert
3ADD 796F757200 DB $79,$6F,$75,$72,0 ;your
3AE2 70726F6772 DB $70,$72,$6F,$67,$72,$61,$6D,0 ;program
3AEA 6469736B65 DB $64,$69,$73,$6B,$65,$74,$74,$65,$0C ;diskette,
3AF3 0000000000 DB 0,0,0,0,0,0

3AF8 0000000000 DB 0,0,0,0,0,0
3AFE 616E6400 DB $61,$6E,$64,0 ;and
3B02 636C6F7365 DB $63,$6C,$6F,$73,$65,0 ;close
3B08 7468650064 DB $74,$68,$65,0,$64,$72,$69,$76,$65,0 ;the drive
3B12 6C61746368 DB $6C,$61,$74,$63,$68,0,$0E,$0E,$0E ;latch ...
3B1B 0000000000 DB 0,0,0,0,0,0

3B20 0000000000 DB 0,0,0,0,0,0
3B26 3072657373 DB $30,$72,$65,$73,$73,0 ;Press
3B2C 42B3A5ACA5 SELTXT DB $42,$B3,$A5,$AC,$A5,$A3,$B4,$56,0 ;[SELECT]
3B35 7768656E00 DB $77,$68,$65,$6E,0 ;when
3B3A 7265616479 DB $72,$65,$61,$64,$79 ;ready
3B3F 0000000000 DB 0,0,0,0,0,0,0,0,0,0

3B48 0000000000 DB 0,0,0,0,0,0,0,0,0,0
3B52 0823213234 CARTIN DB $08,$23,$21,$32,$34,$32,$29,$24,$27,$25,0 ;(CARTRIDGE
3B5D 3032253325 DB $30,$32,$25,$33,$25,$2E,$34,$09 ;PRESENT)
= 0012 CRTLEN EQU [* - CARTIN] - 1
3B65 0000000000 DB 0,0,0,0,0,0,0,0,0,0

INCLUDE D2:XLITES.ASM
    
```



```

3B70
;
; -----
; 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.
; -----
;

3B70 A900      BOOTSOS LDA    #0
3B72 8D00D4    STA    DMACTL      ;Lights out, for a moment
3B75 8D2F02    STA    SDMCTL
3B78 8D0ED4    STA    NMIEN
3B7B 858A      STA    TXTFLG      ;Clear text window flag

3B7D A903      LDA    #Low DLST2
3B7F 8D3002    STA    SDLST      ;Establish our display list
3B82 A910      LDA    #high DLST2
3B84 8D3102    STA    SDLST+1

3B87 A91A      LDA    #Low DLI
3B89 8D0002    STA    VDSLST     ;Establish display list interrupt vector
3B8C A93C      LDA    #high DLI
3B8E 8D0102    STA    VDSLST+1

3B91 AD0210    LDA    COLOR
3B94 8DC802    STA    COLOR4     ;Select color for GTIA base register
3B97 8DC602    STA    COLOR2     ;Make text window match it

3B9A A940      LDA    #$40
3B9C 8D6F02    STA    GPRIOR      ;Enable 16-lum GTIA mode

3B9F A0D1      LDY    #Low VBL
3BA1 A23B      LDX    #high VBL
3BA3 A907      LDA    #7
3BA5 205CE4    JSR    SETVBV      ;Link a deferred vertical blank routine

3BA8 A9C0      LDA    #$C0
3BAA 8D0ED4    STA    NMIEN      ;Allow DLI and VBL interrupts
3BAD A922      LDA    #$22
3BAF 8D2F02    STA    SDMCTL     ;Screen on...
3BB2 A514      LDA    RTCLOK+2   ;Repeat
3BB4 C514      SHADOW  CMP    RTCLOK+2
3BB6 F0FC ^3BB4 BEQ    SHADOW     ;Until shadow registers written to chips

3BB8 A900      LDA    #Low SWAPOS
3BBA 8D0403    STA    DBUF      ;Bring all remaining sectors in
3BBD A93D      LDA    #high SWAPOS
3BBF 8D0503    STA    DBUF+1
3BC2 A96D      LDA    #Low [(SWAPOS - RAMLOAD)/128] + 1
3BC4 8D0A03    STA    DAUX1     ;starting sector number
3BC7 A956      LDA    #Low [(RAMEND - SWAPOS + 127)/128]
3BC9 8588      STA    MLCNT     ;sectors to load
3BCB 20D607    JSR    GETSECS   ;load 'em up
3BCE 4C003D    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.
; -----
3BD1 E68C      VBL      INC      VBCLK      ;Bump the flash counter
3BD3 A58A      LDA      TXFLG
3BD5 F040 ^3C17 BEQ      VBOUT      ;If boot completed, then

3BD7 3013 ^3BEC      BMI      VBFLSH      ; If text window not established, then
3BD9 A000      LDY      #0
3BDB A96E      LDA      #Low SSTXT      ; Change display list 'jmp' address
3BDD 9186      STA      (DLJ),Y
3BDF C8        INY
3BE0 A93A      LDA      #high SSTXT
3BE2 9186      STA      (DLJ),Y

3BE4 A9FF      LDA      #$FF
3BE6 858A      STA      TXFLG      ; Set text-on-display flag
3BE8 A901      LDA      #1          ; Set long interval to first blink
3BEA 858C      STA      VBCLK      ; Initialize blink rate
; Else, since text window active, then

3BEC A58C      VBFLSH   LDA      VBCLK
3BEE D027 ^3C17 BNE      VBOUT      ; If flash timer expired, then
3BF0 AD2C3B    LDA      SELTXT
3BF3 F011 ^3C06 BEQ      VBFLON      ; If flashing 'off', then
3BF5 A900      LDA      #0
3BF7 8D2C3B    STA      SELTXT      ; Remove end caps
3BFA 8D333B    STA      SELTXT+7
3BFD 8DF302    STA      CHACT      ; Remove inverse video
3C00 A9EB      LDA      #OFFTIME
3C02 858C      STA      VBCLK      ; Set 'off-cycle' timeout
3C04 D011 ^3C17 BNE      VBOUT      ; Else, since flashing 'on', then
3C06 A956      VBFLON   LDA      #$56      ; Replace end caps
3C08 8D333B    STA      SELTXT+7
3C0B A942      LDA      #$42
3C0D 8D2C3B    STA      SELTXT
3C10 8DF302    STA      CHACT      ; Set inverse video mode
3C13 A99B      LDA      #ONTIME
3C15 858C      STA      VBCLK      ; Set 'on-cycle' timeout
; Endif
; Endif
; Endif
; Endif
3C17 4C62E4    VBOUT    JMP      XITVBV      ;Endif

3C1A 48        DLI      PHA          ;Display list interrupt routine
3C1B A58A      LDA      TXFLG
3C1D F005 ^3C24 BEQ      DLIOUT      ;If text window on screen, then
3C1F A900      LDA      #0
3C21 8D1BD0    STA      PRIOR      ; Shut down GTIA 16-lum mode for text
3C24 68        DLIOUT   PLA
3C25 40        RTI
3C26          ESCR3

```

3C26

```

; -----
; 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 PAL (A) 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.
; -----

```

```

3C26          ALIGN
3D00 AD0010    SWAPOS LDA    DLJMP    ;Move display list 'JMP' address
3D03 8586     STA    DLJ        ;Into zero page (for indirect STA)
3D05 AD0110    LDA    DLJMP+1
3D08 8587     STA    DLJ+1

3D0A ADE402    LDA    RAMSIZ
3D0D C9C0     CMP    #$C0
3D0F 900A ^3D1B BCC    TXTON    ;If Cartridge (or BASIC) not present, then
3D11 A212     LDX    #Low CRTLEN
3D13 A900     LDA    #0        ; Repeat
3D15 9D523B    NOCART STA    CARTIN,X ; Remove 'Cart. Present' message
3D18 CA       DEX
3D19 10FA ^3D15 BPL    NOCART    ; Until all characters removed
;Endif

3D1B A901     TXTON  LDA    #1
3D1D 858A     STA    TXTFLG    ;Enable prompt message (via VBL)

3D1F A908     SELECT  LDA    #8        ;Repeat
3D21 8D1FD0    STA    CONSOL    ; Convention for reading CONSOL keys
3D24 AD1FD0    LDA    CONSOL    ; Read CONSOL keys
3D27 2902     AND    #2
3D29 D0F4 ^3D1F BNE    SELECT    ;Until [SELECT] pressed

3D2B A900     LDA    #0
3D2D 8D2F02    STA    SDMCTL    ;Disable screen DMA
3D30 8D00D4    STA    DMACTL
3D33 8D0ED4    STA    NMIEN    ;Disable all interrupts
3D36 8D0ED2    STA    IRQEN

3D39 78       SEI
3D3A AD01D3    LDA    PORTB    ;Load current PORTB PIA status
3D3D 29FE     AND    #$FE    ;Disable O.S. ROM (leave BASIC unchanged)
3D3F 8D01D3    STA    PORTB
3D42 48       PHA        ;Hold that thought for a moment

```

```

;      Install PAL Rev A O.S. Patches -----
3D43      PATCH  $D800,0S0BJ,$2800      ;Copy PAL (A) O.S. into RAM
3D6C      PATCH  RAMPIO,PIOCODE,PIOLEN  ;Copy PIO code to 'safe' RAM
3D95      PATCH  RAMSCAN,PC0CODE,PC0LEN ;Copy O.S. patches to 'safe' RAM
3DBE      PATCH  $E459,PATPIO,3        ;Change SIOV destination
3DE7      PATCH  $F173,PATROJ,3        ;Post stack-clear 'trojan horse'
3E10      PATCH  $F279,PATSIZ,3        ;SPECL ram sizing patch

      = 0000      IF      RESET          ;If [RESET] processing enabled, then
-          PATCH  $E71F,PATIRQ,3        ; Low-level IRQ watchdog patch
-          PATCH  $E7CE,PATNMI,3        ; Immediate VBLANK watchdog patch
-          PATCH  $F366,PATCLD,3        ; Single boot sector fix
-          PATCH  $F37E,PATDIN,3        ; Repoint JMP (DOSINI) to ours

      ENDIF          ;Endif

;      Save a few XL-0.S. WARM START discriminator bytes ----
3E39 68      PLA          ;Reload current PORTB PIA status
3E3A 8DCBCF   STA      SVPORBTB      ;Save it for WARM START restoration

3E3D ADFA03   LDA      GINTLK        ;Save Cartridge interlock flags
3E40 8DCCCF   STA      SVINTLK
3E43 ADEB03   LDA      CARTCK        ;Save Cartridge checksum (if needed)
3E46 8DCDCF   STA      SVCRTCK

3E49 A202      RECON  LDX      #2          ;Save XL 0.S. power-up test bytes
3E4B BD3D03   LDA      PUPBT1,X
3E4E 9DCECF   STA      SVPUCHK,X      ;for WARM START power-up check in XL
3E51 CA       DEX          ;(these are restored in TROJAN)
3E52 10F7 ^3E4B BPL      RECON

;      Save some Parallel Bus control variables -----
3E54 A209      PBISAV  LDX      #9
3E56 BD4702   LDA      PDVMSK,X      ;to be restored after page 3 is cleared
3E59 9D55CE   STA      SVPBI,X
3E5C CA       DEX
3E5D 10F7 ^3E56 BPL      PBISAV

;      Relocate LINBUF into 'safe' RAM -----
3E5F A9CD      LDA      #high LNBRAM   ;to avoid clash with PBI variables
3E61 8D4FFB   STA      MOVLIN+1
3E64 A900      LDA      #Low LNBRAM
3E66 8D53FB   STA      MOVLIN+5

;      Finally, startup the RAM-based O.S. -----
3E69 4C77E4   JMP      COLDSV          ;Invoke PAL (A) O.S. COLD START

```

```

3E6C
;      These 7 lines are PATCHed into the 0.S. -----+
;
3E6C 4C8BCF  PATIRQ JMP  DSCAN1      ;IRQ 'DOSINI' monitor
3E6F 4CACCF  PATNMI JMP  DSCAN2      ;NMI 'DOSINI' monitor
3E72 4C0FCF  PATROJ JMP  TROJAN        ;Hides routine in stack
3E75 4C61CF  PATSIZ JMP  SIZRAM        ;Limits RAMSIZ to $C0
3E78 206ECF  PATCLD JSR  COLDIN        ;Special-case 'DOSINI' chk
3E7B 4C00CE  PATPIO JMP  PIO          ;Parallel disk linkage
3E7E 6CC9CF  PATDIN JMP  (SVDINI)      ;Indirect to saved DOSINI
;
; -----+
;
;      The following code is 'safed' in RAM at $Cxxx -----+
;
;
;
;
;      INCLUDE D2:PLLBUS.ASM
3E81      PIOCODE
3E81 = CE00#      LOC      RAMP10
;
;      Parallel Disk Server -----
CE00# A901      PIO      LDA      #1
CE02# 8542      STA      CRITIC      ;Disallow MATHPAK from VBLANK Stage 2
CE04# AD0103    LDA      DUNIT
CE07# 48        PHA
; Save logical unit number
CE08# AD4702    LDA      PDVMSK
CE0B# F01A ^CE27 BEQ      DOSIO      ;If a parallel device successfully INITed, then
CE0D# A208      LD      #8          ; Try all eight device slots
; Repeat
CE0F# 2041CE    NXTI01 JSR      ACTDEV      ; Find next active slot
CE12# F013 ^CE27 BEQ      DOSIO
CE14# 8A        TXA
CE15# 48        PHA
; Save slot index
CE16# 2005D8    JSR      PDIOV      ; Call PBI 'low-level' I/O routine
CE19# 68        PLA
CE1A# AA        TAX
; Restore slot index
CE1B# 90F2 ^CE0F BCC      NXTI01    ; Until a device fields request
CE1D# A900      LDA      #0
CE1F# 8D4802    STA      SHPDVS
CE22# 8DFFD1    STA      PDVS
; Reselect MATHPAK after I/O complete
CE25# F003 ^CE2A BEQ      PIOEND      ; Unconditional -->
; Else, since PBI not active or not responding, then
CE27# 2059E9    DOSIO   JSR      SIOENT      ; Pass I/O request on to SIO
; Endif
CE2A# 68        PIOEND  PLA
CE2B# 8D0103    STA      DUNIT      ; Restore logical unit number
CE2E# A900      LDA      #0
CE30# 8542      STA      CRITIC      ; Re-enable Stage 2 VBLANK routine
CE32# 8C0303    STY      DSTATS      ; Set SIO status register
CE35# AC0303    LDY      DSTATS      ; Set processor status register
CE38# 60        RTS
    
```

```

CE39# AD4702    IFDEV  LDA    PDVMSK        ;Repeat
CE3C# 3D4DCE    AND    PDVSEL,X      ; Is this slot active?
CE3F# D005 ^CE46 BNE    YESDEV        ;Until active slot found,
CE41# CA        ACTDEV  DEX                    ; or
CE42# 10F5 ^CE39 BPL    IFDEV        ;Until all slots tested
CE44# A900      LDA    #0                    ;If no active slot remaining
CE46# 8D4802    YESDEV  STA    SHPDVS       ; Reselect MATHPAK
CE49# 8DFFD1    STA    PDVS                ;Endif
CE4C# 60        RTS

CE4D# 8040201008 PDVSEL  DB    $80,$40,$20,$10,$08,$04,$02,$01
CE55# = 000A    SVPBI   DS    10                ;PBI control variables saved here

CE5F# = 3EE0    ORG    *0
          = 005F  PIOLEN  EQU    * - PIOC0D0E

3EE0      PC0C0D0E
3EE0 = 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 0.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 0.S.
CF06# ADCBCF  LDA    SVP0RTB        ;Load previously saved PORTB status
CF09# 8D01D3  STA    PORTB          ;Reconfigure memory/disable ROM 0.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 0.S.
; It deposits the above routine in the stack and restores
; some key values needed by the XL 0.S. to descriminate be-
; tween a WARM and COLD start upon the user pressing [RESET].

CF0F#      TROJAN  PATCH  RAMLINK,STKCODE,STKLEN
CF38# ADCCCF  LDA    SVINTLK        ;Restore XL-0.S. control bytes
CF3B# 8DFA03  STA    GINTLK
CF3E# ADCDCF  LDA    SVCRTCK
CF41# 8DEB03  STA    CARTCK

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

```

CF4F# A209          LDX    #9          ;Restore PBI control variables
CF51# BD55CE      PBILOD LDA    SVPBI,X
CF54# 9D4702      STA    PDVMSK,X
CF57# CA          DEX
CF58# 10F7 ^CF51  BPL    PBILOD

CF5A# A902          LDA    #2          ;Complete 'patched' code
CF5C# 8552          STA    LMARGN
CF5E# 4C77F1       JMP    $F177       ;Return to O.S. initialization code

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

CF61# 18          SIZRAM CLC          ;Patch to O.S. RAM sizing code
CF62# 6910          ADC    #$10
CF64# 8506          STA    TRAMSZ
CF66# C9C0          CMP    #$C0          ;Stop scan at $C000
CF68# B003 ^CF6D   BCS    SIZRTS
CF6A# 4C63F2       JMP    $F263
CF6D# 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.

CF6E#              COLDIN WATCH          ;Special case for 1 boot sector disks
CF88# 6CC9CF       JMP    (SVDINI)

CF8B#              DSCAN1 WATCH          ;Low-level IRQ patch
CFA5# A908          LDA    #$08
CFA7# 2410          BIT    POKMSK
CFA9# 4C23E7       JMP    $E723

CFAC#              DSCAN2 WATCH          ;VBLANK NMI patch
CFC6# 6C2202       JMP    (VVBLKI)

;          Storage area for key TRANSLATOR variables -----+
CFC9# = 0002       SVDINI DS    2          ;Application's DOSINI saved here
CFCB# = 0001       SVPORBT DS    1          ;COLD START PORTB status saved here
CFCC# = 0001       SVINTLK DS    1          ;Cartridge interlock flag saved here
CFCD# = 0001       SVCRTCK DS    1          ;Cartridge checksum saved here
CFCE# = 0003       SVPUCHK DS    3          ;O.S. WARM START test bytes saved here
;          -----+

CFD1# 20436F7079  CPYRT  DB    ' Copyright 1984 ATARI, Inc. '
CFED# 02BB5A305F  DB    $02,$BB,$5A,$30,$5F,$EE,$3D,$A8,$20
CFF6# 475052264A  DB    $47,$50,$52,$26,$4A,$42,$4D,$33,$20

CFFF# = 3FDF      ORG    *0

```

```
    = 00FF      PC0LEN EQU      * - PC0CODE
                ;
                ;
                ;      This ends the code stored in $Cxxx -----+
3FDF          ALIGN
                INCLUDE D2:OSPAL.ASM
```


4000

```

;-----
; This is an INCLUDEable file of the 800 Operating
; System, PAL A. It should be noted that several patches
; have been made in order to accomodate 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:
;
; $F281  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.
;
; $F281  HARDI   LDA    #$00
;                   TAX
;                   CLRCHP STA    $D000,X
;                   STA    $D400,X
;                   STA    $D200,X
;                   NOP ! NOP ! NOP
;                   INX
;                   BNE    CLRCHP
;                   RTS
;-----

```

```

4000          OS0BJ
4000 20A1DB20BB DB $20,$A1,$DB,$20,$BB,$DB,$B0,$39,$A2,$ED
400A A0042048DA DB $A0,$04,$20,$48,$DA,$A2,$FF,$86,$F1,$20,$44,$DA,$F0,$04,$A9,$FF
401A 85F02094DB DB $85,$F0,$20,$94,$DB,$B0,$21,$48,$A6,$D5,$D0,$11,$20,$EB,$DB,$68
402A 05D985D9A6 DB $05,$D9,$85,$D9,$A6,$F1,$30,$E6,$E8,$86,$F1,$D0,$E1,$68,$A6,$F1
403A 1002E6ED4C DB $10,$02,$E6,$ED,$4C,$18,$D8,$60,$C9,$2E,$F0,$14,$C9,$45,$F0,$19
404A A6F0D068C9 DB $A6,$F0,$D0,$68,$C9,$2B,$F0,$C6,$C9,$2D,$F0,$00,$85,$EE,$F0,$BE
405A A6F11058E8 DB $A6,$F1,$10,$58,$E8,$86,$F1,$F0,$B5,$A5,$F2,$85,$EC,$20,$94,$DB
406A B037AAA5ED DB $B0,$37,$AA,$A5,$ED,$48,$86,$ED,$20,$94,$DB,$B0,$17,$48,$A5,$ED
407A 0A85ED0A0A DB $0A,$85,$ED,$0A,$0A,$65,$ED,$85,$ED,$68,$18,$65,$ED,$85,$ED,$A4
408A F2209DDBA5 DB $F2,$20,$9D,$DB,$A5,$EF,$F0,$09,$A5,$ED,$49,$FF,$18,$69,$01,$85
409A ED681865ED DB $ED,$68,$18,$65,$ED,$85,$ED,$D0,$13,$C9,$2B,$F0,$06,$C9,$2D,$D0
40AA 0785EF2094 DB $07,$85,$EF,$20,$94,$DB,$90,$BA,$A5,$EC,$85,$F2,$C6,$F2,$A5,$ED
40BA A6F13005F0 DB $A6,$F1,$30,$05,$F0,$03,$38,$E5,$F1,$48,$2A,$68,$6A,$85,$ED,$90
40CA 0320EBDBA5 DB $03,$20,$EB,$DB,$A5,$ED,$18,$69,$44,$85,$D4,$20,$00,$DC,$B0,$0B
40DA A6EEF006A5 DB $A6,$EE,$F0,$06,$A5,$D4,$09,$80,$85,$D4,$18,$60,$20,$51,$DA,$A9
40EA 308D7F05A5 DB $30,$8D,$7F,$05,$A5,$D4,$F0,$28,$29,$7F,$C9,$3F,$90,$28,$C9,$45
40FA B02438E93F DB $B0,$24,$38,$E9,$3F,$20,$70,$DC,$20,$A4,$DC,$09,$80,$9D,$80,$05
410A AD8005C92E DB $AD,$80,$05,$C9,$2E,$F0,$03,$4C,$88,$D9,$20,$C1,$DC,$4C,$9C,$D9
411A A9B08D8005 DB $A9,$B0,$8D,$80,$05,$60,$A9,$01,$20,$70,$DC,$20,$A4,$DC,$E8,$86
412A F2A5D40A38 DB $F2,$A5,$D4,$0A,$38,$E9,$80,$AE,$80,$05,$E0,$30,$F0,$17,$AE,$81
413A 05AC82058E DB $05,$AC,$82,$05,$8E,$82,$05,$8C,$81,$05,$A6,$F2,$E0,$02,$D0,$02
414A E6F2186901 DB $E6,$F2,$18,$69,$01,$85,$ED,$A9,$45,$A4,$F2,$20,$9F,$DC,$84,$F2
415A A5ED100BA9 DB $A5,$ED,$10,$0B,$A9,$00,$38,$E5,$ED,$85,$ED,$A9,$2D,$D0,$02,$A9
416A 2B209FDCA2 DB $2B,$20,$9F,$DC,$A2,$00,$A5,$ED,$38,$E9,$0A,$90,$03,$E8,$D0,$F8
417A 18690A488A DB $18,$69,$0A,$48,$8A,$20,$9D,$DC,$68,$09,$80,$20,$90,$DC,$AD,$80
418A 05C930D00D DB $05,$C9,$30,$D0,$0D,$18,$A5,$F3,$69,$01,$85,$F3,$A5,$F4,$69,$00
419A 85F4A5D410 DB $85,$F4,$A5,$D4,$10,$09,$20,$C1,$DC,$A0,$00,$A9,$2D,$91,$F3,$F0
41AA A5D485F8A5 DB $A5,$D4,$85,$F8,$A5,$D5,$85,$F7,$20,$44,$DA,$F8,$A0,$10,$06,$68
41BA 26F7A203B5 DB $26,$F7,$A2,$03,$B5,$D4,$75,$D4,$95,$D4,$CA,$D0,$F7,$88,$D0,$EE
41CA D8A94285D4 DB $D8,$A9,$42,$85,$D4,$4C,$00,$DC,$A9,$00,$85,$F7,$85,$F8,$A5,$D4
41DA 3066C943B0 DB $30,$66,$C9,$43,$B0,$62,$38,$E9,$40,$90,$3F,$69,$00,$0A,$85,$F5
41EA 205ADAB053 DB $20,$5A,$DA,$B0,$53,$A5,$F7,$85,$F9,$A5,$F8,$85,$FA,$20,$5A,$DA
41FA B046205ADA DB $B0,$46,$20,$5A,$DA,$B0,$41,$18,$A5,$F8,$65,$FA,$85,$F8,$A5,$F7
420A 65F985F7B0 DB $65,$F9,$85,$F7,$B0,$32,$20,$B9,$DC,$18,$65,$F8,$85,$F8,$A5,$F7
421A 6900B02485 DB $69,$00,$B0,$24,$85,$F7,$C6,$F5,$D0,$C6,$20,$B9,$DC,$C9,$05,$90
422A 0D18A5F869 DB $0D,$18,$A5,$F8,$69,$01,$85,$F8,$A5,$F7,$69,$00,$85,$F7,$A5,$F8
423A 85D4A5F785 DB $85,$D4,$A5,$F7,$85,$D5,$18,$60,$38,$60,$A2,$D4,$A0,$06,$A9,$00
424A 9500E888D0 DB $95,$00,$E8,$88,$D0,$FA,$60,$A9,$05,$85,$F4,$A9,$80,$85,$F3,$60
425A 1826F826F7 DB $18,$26,$F8,$26,$F7,$60,$A5,$E0,$49,$80,$85,$E0,$A5,$E0,$29,$7F
426A 85F7A5D429 DB $85,$F7,$A5,$D4,$29,$7F,$38,$E5,$F7,$10,$10,$A2,$05,$B5,$D4,$B4
427A E095E09895 DB $E0,$95,$E0,$98,$95,$D4,$CA,$10,$F4,$30,$E1,$F0,$07,$C9,$05,$B0
428A 19203EDCF8 DB $19,$20,$3E,$DC,$F8,$A5,$D4,$45,$E0,$30,$1E,$A2,$04,$18,$B5,$D5
429A 75E195D5CA DB $75,$E1,$95,$D5,$CA,$10,$F7,$D8,$B0,$03,$4C,$00,$DC,$A9,$01,$20
42AA 3ADCA90185 DB $3A,$DC,$A9,$01,$85,$D5,$4C,$00,$DC,$A2,$04,$38,$B5,$D5,$F5,$E1
42BA 95D5CA10F7 DB $95,$D5,$CA,$10,$F7,$90,$04,$D8,$4C,$00,$DC,$A5,$D4,$49,$80,$85
42CA D438A20A9 DB $D4,$38,$A2,$04,$A9,$00,$F5,$D5,$95,$D5,$CA,$10,$F7,$D8,$4C,$00
42DA DCA5D4F045 DB $DC,$A5,$D4,$F0,$45,$A5,$E0,$F0,$3E,$20,$CF,$DC,$38,$E9,$40,$38
42EA 65E0303820 DB $65,$E0,$30,$38,$20,$E0,$DC,$A5,$DF,$29,$0F,$85,$F6,$C6,$F6,$30
42FA 062001DD4C DB $06,$20,$01,$DD,$4C,$F7,$DA,$A5,$DF,$4A,$4A,$4A,$4A,$85,$F6,$C6
430A F630062005 DB $F6,$30,$06,$20,$05,$DD,$4C,$09,$DB,$20,$62,$DC,$C6,$F5,$D0,$D7
431A A5ED85D44C DB $A5,$ED,$85,$D4,$4C,$04,$DC,$20,$44,$DA,$18,$60,$38,$60,$A5,$E0
432A F0FAA5D4F0 DB $F0,$FA,$A5,$D4,$F0,$F4,$20,$CF,$DC,$38,$E5,$E0,$18,$69,$40,$30
433A EB20E0DCE6 DB $EB,$20,$E0,$DC,$E6,$F5,$4C,$4E,$DB,$A2,$00,$B5,$D5,$95,$D4,$E8
434A E00CD0F7A0 DB $E0,$0C,$D0,$F7,$A0,$05,$38,$F8,$B9,$DA,$00,$F9,$E6,$00,$99,$DA
435A 008810F4D8 DB $00,$88,$10,$F4,$D8,$90,$04,$E6,$D9,$D0,$E9,$20,$0F,$DD,$06,$D9
436A 06D906D906 DB $06,$D9,$06,$D9,$06,$D9,$A0,$05,$38,$F8,$B9,$DA,$00,$F9,$E0,$00
    
```

437A	99DA008810	DB	\$99,\$DA,\$00,\$88,\$10,\$F4,\$D8,\$90,\$04,\$E6,\$D9,\$D0,\$E9,\$20,\$09,\$DD
438A	C6F5D0B520	DB	\$C6,\$F5,\$D0,\$B5,\$20,\$62,\$DC,\$4C,\$1A,\$DB,\$20,\$AF,\$DB,\$A4,\$F2,\$90
439A	02B1F3C884	DB	\$02,\$B1,\$F3,\$C8,\$84,\$F2,\$60,\$A4,\$F2,\$A9,\$20,\$D1,\$F3,\$D0,\$03,\$C8
43AA	D0F984F260	DB	\$D0,\$F9,\$84,\$F2,\$60,\$A4,\$F2,\$B1,\$F3,\$38,\$E9,\$30,\$90,\$18,\$C9,\$0A
43BA	60A5F24820	DB	\$60,\$A5,\$F2,\$48,\$20,\$94,\$DB,\$90,\$1F,\$C9,\$2E,\$F0,\$14,\$C9,\$2B,\$F0
43CA	07C92D0F00	DB	\$07,\$C9,\$2D,\$F0,\$03,\$68,\$38,\$60,\$20,\$94,\$DB,\$90,\$0B,\$C9,\$2E,\$D0
43DA	F42094DB90	DB	\$F4,\$20,\$94,\$DB,\$90,\$02,\$B0,\$ED,\$68,\$85,\$F2,\$18,\$60,\$A2,\$E7,\$D0
43EA	02A2D5A004	DB	\$02,\$A2,\$D5,\$A0,\$04,\$18,\$36,\$04,\$36,\$03,\$36,\$02,\$36,\$01,\$36,\$00
43FA	26EC88D0F0	DB	\$26,\$EC,\$88,\$D0,\$F0,\$60,\$A2,\$00,\$86,\$DA,\$A2,\$04,\$A5,\$D4,\$F0,\$2E
440A	A5D5D01AA0	DB	\$A5,\$D5,\$D0,\$1A,\$A0,\$00,\$B9,\$D6,\$00,\$99,\$D5,\$00,\$C8,\$C0,\$05,\$90
441A	F5C6D4CAD0	DB	\$F5,\$C6,\$D4,\$CA,\$D0,\$EA,\$A5,\$D5,\$D0,\$04,\$85,\$D4,\$18,\$60,\$A5,\$D4
442A	297F9C97190	DB	\$29,\$7F,\$C9,\$71,\$90,\$01,\$60,\$C9,\$0F,\$B0,\$03,\$20,\$44,\$DA,\$18,\$60
443A	A2D4D002A2	DB	\$A2,\$D4,\$D0,\$02,\$A2,\$E0,\$86,\$F9,\$85,\$F7,\$85,\$F8,\$A0,\$04,\$B5,\$04
444A	9505CA88D0	DB	\$95,\$05,\$CA,\$88,\$D0,\$F8,\$A9,\$00,\$95,\$05,\$A6,\$F9,\$C6,\$F7,\$D0,\$EC
445A	B5001865F8	DB	\$B5,\$00,\$18,\$65,\$F8,\$95,\$00,\$60,\$A2,\$0A,\$B5,\$D4,\$95,\$D5,\$CA,\$10
446A	F9A90085D4	DB	\$F9,\$A9,\$00,\$85,\$D4,\$60,\$85,\$F7,\$A2,\$00,\$A0,\$00,\$20,\$93,\$DC,\$38
447A	E90185F7B5	DB	\$E9,\$01,\$85,\$F7,\$B5,\$D5,\$4A,\$4A,\$4A,\$4A,\$20,\$9D,\$DC,\$B5,\$D5,\$29
448A	0F209DDCE8	DB	\$0F,\$20,\$9D,\$DC,\$E8,\$E0,\$05,\$90,\$E3,\$A5,\$F7,\$D0,\$05,\$A9,\$2E,\$20
449A	9FDC600930	DB	\$9F,\$DC,\$60,\$09,\$30,\$99,\$80,\$05,\$C8,\$60,\$A2,\$0A,\$BD,\$80,\$05,\$C9
44AA	2EF007C930	DB	\$2E,\$F0,\$07,\$C9,\$30,\$D0,\$07,\$CA,\$D0,\$F2,\$CA,\$BD,\$80,\$05,\$60,\$20
44BA	EBDBA5EC29	DB	\$EB,\$DB,\$A5,\$EC,\$29,\$0F,\$60,\$38,\$A5,\$F3,\$E9,\$01,\$85,\$F3,\$A5,\$F4
44CA	E90085F460	DB	\$E9,\$00,\$85,\$F4,\$60,\$A5,\$D4,\$45,\$E0,\$29,\$80,\$85,\$EE,\$06,\$E0,\$46
44DA	E0A5D4297F	DB	\$E0,\$A5,\$D4,\$29,\$7F,\$60,\$05,\$EE,\$85,\$ED,\$A9,\$00,\$85,\$D4,\$85,\$E0
44EA	2028DD20E7	DB	\$20,\$28,\$DD,\$20,\$E7,\$DB,\$A5,\$EC,\$29,\$0F,\$85,\$E6,\$A9,\$05,\$85,\$F5
44FA	2034DD2044	DB	\$20,\$34,\$DD,\$20,\$44,\$DA,\$60,\$A2,\$D9,\$D0,\$06,\$A2,\$D9,\$D0,\$08,\$A2
450A	DFA0E5D004	DB	\$DF,\$A0,\$E5,\$D0,\$04,\$A2,\$DF,\$A0,\$EB,\$A9,\$05,\$85,\$F7,\$18,\$F8,\$B5
451A	0079000095	DB	\$00,\$79,\$00,\$00,\$95,\$00,\$CA,\$88,\$C6,\$F7,\$10,\$F3,\$D8,\$60,\$A0,\$05
452A	B9E00099E6	DB	\$B9,\$E0,\$00,\$99,\$E6,\$00,\$88,\$10,\$F7,\$60,\$A0,\$05,\$B9,\$D4,\$00,\$99
453A	DA008810F7	DB	\$DA,\$00,\$88,\$10,\$F7,\$60,\$86,\$FE,\$84,\$FF,\$85,\$EF,\$A2,\$E0,\$A0,\$05
454A	20A7DD20B6	DB	\$20,\$A7,\$DD,\$20,\$B6,\$DD,\$A6,\$FE,\$A4,\$FF,\$20,\$89,\$DD,\$C6,\$EF,\$F0
455A	2D20DBDAB0	DB	\$2D,\$20,\$DB,\$DA,\$B0,\$28,\$18,\$A5,\$FE,\$69,\$06,\$85,\$FE,\$90,\$06,\$A5
456A	FF690085FF	DB	\$FF,\$69,\$00,\$85,\$FF,\$A6,\$FE,\$A4,\$FF,\$20,\$98,\$DD,\$20,\$66,\$DA,\$B0
457A	0DC6EFF009	DB	\$0D,\$C6,\$EF,\$F0,\$09,\$A2,\$E0,\$A0,\$05,\$20,\$98,\$DD,\$30,\$D3,\$60,\$86
458A	FC84FDA005	DB	\$FC,\$84,\$FD,\$A0,\$05,\$B1,\$FC,\$99,\$D4,\$00,\$88,\$10,\$F8,\$60,\$86,\$FC
459A	84FDA005B1	DB	\$84,\$FD,\$A0,\$05,\$B1,\$FC,\$99,\$E0,\$00,\$88,\$10,\$F8,\$60,\$86,\$FC,\$84
45AA	FDA005B9D4	DB	\$FD,\$A0,\$05,\$B9,\$D4,\$00,\$91,\$FC,\$88,\$10,\$F8,\$60,\$A2,\$05,\$B5,\$D4
45BA	95E0CA10F9	DB	\$95,\$E0,\$CA,\$10,\$F9,\$60,\$A2,\$89,\$A0,\$DE,\$20,\$98,\$DD,\$20,\$DB,\$DA
45CA	B07FA90085	DB	\$B0,\$7F,\$A9,\$00,\$85,\$F1,\$A5,\$D4,\$85,\$F0,\$29,\$7F,\$85,\$D4,\$38,\$E9
45DA	403026C904	DB	\$40,\$30,\$26,\$C9,\$04,\$10,\$6A,\$A2,\$E6,\$A0,\$05,\$20,\$A7,\$DD,\$20,\$D2
45EA	D9A5D485F1	DB	\$D9,\$A5,\$D4,\$85,\$F1,\$A5,\$D5,\$D0,\$58,\$20,\$AA,\$D9,\$20,\$B6,\$DD,\$A2
45FA	E6A0052089	DB	\$E6,\$A0,\$05,\$20,\$89,\$DD,\$20,\$60,\$DA,\$A9,\$0A,\$A2,\$4D,\$A0,\$DE,\$20
460A	40DD20B6DD	DB	\$40,\$DD,\$20,\$B6,\$DD,\$20,\$DB,\$DA,\$A5,\$F1,\$F0,\$23,\$18,\$6A,\$85,\$E0
461A	A9019002A9	DB	\$A9,\$01,\$90,\$02,\$A9,\$10,\$85,\$E1,\$A2,\$04,\$A9,\$00,\$95,\$E2,\$CA,\$10
462A	FBA5E01869	DB	\$FB,\$A5,\$E0,\$18,\$69,\$40,\$B0,\$19,\$30,\$17,\$85,\$E0,\$20,\$DB,\$DA,\$A5
463A	F0100D20B6	DB	\$F0,\$10,\$0D,\$20,\$B6,\$DD,\$A2,\$8F,\$A0,\$DE,\$20,\$89,\$DD,\$20,\$28,\$DB
464A	6038603D17	DB	\$60,\$38,\$60,\$3D,\$17,\$94,\$19,\$00,\$00,\$3D,\$57,\$33,\$05,\$00,\$00,\$3E
465A	0554766200	DB	\$05,\$54,\$76,\$62,\$00,\$3E,\$32,\$19,\$62,\$27,\$00,\$3F,\$01,\$68,\$60,\$30
466A	363F073203	DB	\$36,\$3F,\$07,\$32,\$03,\$27,\$41,\$3F,\$25,\$43,\$34,\$56,\$75,\$3F,\$66,\$27
467A	3730504001	DB	\$37,\$30,\$50,\$40,\$01,\$15,\$12,\$92,\$55,\$3F,\$99,\$99,\$99,\$99,\$99,\$3F
468A	4342944819	DB	\$43,\$42,\$94,\$48,\$19,\$40,\$01,\$00,\$00,\$00,\$00,\$86,\$FE,\$84,\$FF,\$A2
469A	E0A00520A7	DB	\$E0,\$A0,\$05,\$20,\$A7,\$DD,\$A6,\$FE,\$A4,\$FF,\$20,\$98,\$DD,\$20,\$66,\$DA
46AA	A2E6A00520	DB	\$A2,\$E6,\$A0,\$05,\$20,\$A7,\$DD,\$A2,\$E0,\$A0,\$05,\$20,\$89,\$DD,\$A6,\$FE
46BA	A4FF2098DD	DB	\$A4,\$FF,\$20,\$98,\$DD,\$20,\$60,\$DA,\$A2,\$E6,\$A0,\$05,\$20,\$98,\$DD,\$20
46CA	28DB60A901	DB	\$28,\$DB,\$60,\$A9,\$01,\$D0,\$02,\$A9,\$00,\$85,\$F0,\$A5,\$D4,\$10,\$02,\$38
46DA	60A5D485E0	DB	\$60,\$A5,\$D4,\$85,\$E0,\$38,\$E9,\$40,\$0A,\$85,\$F1,\$A5,\$D5,\$29,\$F0,\$D0
46EA	04A901D004	DB	\$04,\$A9,\$01,\$D0,\$04,\$E6,\$F1,\$A9,\$10,\$85,\$E1,\$A2,\$04,\$A9,\$00,\$95
46FA	E2CA10FB20	DB	\$E2,\$CA,\$10,\$FB,\$20,\$28,\$DB,\$A2,\$66,\$A0,\$DF,\$20,\$95,\$DE,\$A2,\$E6

470A	A00520A7DD	DB	\$A0,\$05,\$20,\$A7,\$DD,\$20,\$B6,\$DD,\$20,\$DB,\$DA,\$A9,\$0A,\$A2,\$72,\$A0
471A	DF2040DDA2	DB	\$DF,\$20,\$40,\$DD,\$A2,\$E6,\$A0,\$05,\$20,\$98,\$DD,\$20,\$DB,\$DA,\$A2,\$6C
472A	A0DF2098DD	DB	\$A0,\$DF,\$20,\$98,\$DD,\$20,\$66,\$DA,\$20,\$B6,\$DD,\$A9,\$00,\$85,\$D5,\$A5
473A	F185D41007	DB	\$F1,\$85,\$D4,\$10,\$07,\$49,\$FF,\$18,\$69,\$01,\$85,\$D4,\$20,\$AA,\$D9,\$24
474A	F11006A980	DB	\$F1,\$10,\$06,\$A9,\$80,\$05,\$D4,\$85,\$D4,\$20,\$66,\$DA,\$A5,\$F0,\$F0,\$0A
475A	A289A0DE20	DB	\$A2,\$89,\$A0,\$DE,\$20,\$98,\$DD,\$20,\$28,\$DB,\$18,\$60,\$40,\$03,\$16,\$22
476A	77663F5000	DB	\$77,\$66,\$3F,\$50,\$00,\$00,\$00,\$00,\$00,\$00,\$3F,\$49,\$15,\$57,\$11,\$08,\$BF,\$51
477A	704947083F	DB	\$70,\$49,\$47,\$08,\$3F,\$39,\$20,\$57,\$61,\$95,\$BF,\$04,\$39,\$63,\$03,\$55
478A	3F10093012	DB	\$3F,\$10,\$09,\$30,\$12,\$64,\$3F,\$09,\$39,\$08,\$04,\$60,\$3F,\$12,\$42,\$58
479A	47423F1737	DB	\$47,\$42,\$3F,\$17,\$37,\$12,\$06,\$08,\$3F,\$28,\$95,\$29,\$71,\$17,\$3F,\$86
47AA	858896443E	DB	\$85,\$88,\$96,\$44,\$3E,\$16,\$05,\$44,\$49,\$00,\$BE,\$95,\$68,\$38,\$45,\$00
47BA	3F02687994	DB	\$3F,\$02,\$68,\$79,\$94,\$16,\$BF,\$04,\$92,\$78,\$90,\$80,\$3F,\$07,\$03,\$15
47CA	2000BF0892	DB	\$20,\$00,\$BF,\$08,\$92,\$29,\$12,\$44,\$3F,\$11,\$08,\$40,\$09,\$11,\$BF,\$14
47DA	283156043F	DB	\$28,\$31,\$56,\$04,\$3F,\$19,\$99,\$98,\$77,\$44,\$BF,\$33,\$33,\$33,\$31,\$13
47EA	3F99999999	DB	\$3F,\$99,\$99,\$99,\$99,\$99,\$3F,\$78,\$53,\$98,\$16,\$34,\$98,\$16,\$34,\$FC
47FA	E03250D968	DB	\$E0,\$32,\$50,\$D9,\$68,\$11,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$18
480A	1818180018	DB	\$18,\$18,\$18,\$00,\$18,\$18,\$00,\$00,\$66,\$66,\$66,\$00,\$00,\$00,\$00,\$66
481A	FF6666FF66	DB	\$FF,\$66,\$66,\$FF,\$66,\$00,\$18,\$3E,\$60,\$3C,\$06,\$7C,\$18,\$00,\$00,\$66
482A	6C18306646	DB	\$6C,\$18,\$30,\$66,\$46,\$00,\$1C,\$36,\$1C,\$38,\$6F,\$66,\$3B,\$00,\$00,\$18
483A	1818000000	DB	\$18,\$18,\$00,\$00,\$00,\$00,\$0E,\$1C,\$18,\$18,\$1C,\$0E,\$00,\$00,\$70
484A	3818183870	DB	\$38,\$18,\$18,\$38,\$70,\$00,\$00,\$66,\$3C,\$FF,\$3C,\$66,\$00,\$00,\$00,\$18
485A	187E181800	DB	\$18,\$7E,\$18,\$18,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$18,\$18,\$30,\$00,\$00
486A	007E000000	DB	\$00,\$7E,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$18,\$18,\$00,\$00,\$06
487A	0C18306040	DB	\$0C,\$18,\$30,\$60,\$40,\$00,\$00,\$3C,\$66,\$6E,\$76,\$66,\$3C,\$00,\$00,\$18
488A	381818187E	DB	\$38,\$18,\$18,\$18,\$7E,\$00,\$00,\$3C,\$66,\$0C,\$18,\$30,\$7E,\$00,\$00,\$7E
489A	0C180C663C	DB	\$0C,\$18,\$0C,\$66,\$3C,\$00,\$00,\$0C,\$1C,\$3C,\$6C,\$7E,\$0C,\$00,\$00,\$7E
48AA	607C06663C	DB	\$60,\$7C,\$06,\$66,\$3C,\$00,\$00,\$3C,\$60,\$7C,\$66,\$66,\$3C,\$00,\$00,\$7E
48BA	060C183030	DB	\$06,\$0C,\$18,\$30,\$30,\$00,\$00,\$3C,\$66,\$3C,\$66,\$66,\$3C,\$00,\$00,\$3C
48CA	663E060C38	DB	\$66,\$3E,\$06,\$0C,\$38,\$00,\$00,\$00,\$18,\$18,\$00,\$18,\$18,\$00,\$00,\$00
48DA	1818001818	DB	\$18,\$18,\$00,\$18,\$18,\$30,\$06,\$0C,\$18,\$30,\$18,\$0C,\$06,\$00,\$00,\$00
48EA	7E00007E00	DB	\$7E,\$00,\$00,\$7E,\$00,\$00,\$60,\$30,\$18,\$0C,\$18,\$30,\$60,\$00,\$00,\$18
48FA	660C180018	DB	\$66,\$0C,\$18,\$00,\$18,\$00,\$00,\$3C,\$66,\$6E,\$6E,\$60,\$60,\$00,\$00,\$3C
490A	3C66667E66	DB	\$3C,\$66,\$66,\$7E,\$66,\$00,\$00,\$7C,\$66,\$7C,\$66,\$66,\$7C,\$00,\$00,\$3C
491A	666060663C	DB	\$66,\$60,\$60,\$66,\$66,\$3C,\$00,\$00,\$78,\$6C,\$66,\$66,\$6C,\$78,\$00,\$00,\$7E
492A	607C60607E	DB	\$60,\$7C,\$60,\$60,\$7E,\$00,\$00,\$7E,\$60,\$7C,\$60,\$60,\$60,\$00,\$00,\$3E
493A	60606E663E	DB	\$60,\$60,\$6E,\$66,\$3E,\$00,\$00,\$66,\$66,\$7E,\$66,\$66,\$66,\$00,\$00,\$7E
494A	181818187E	DB	\$18,\$18,\$18,\$18,\$7E,\$00,\$00,\$06,\$06,\$06,\$06,\$66,\$3C,\$00,\$00,\$66
495A	6C78786C66	DB	\$6C,\$78,\$78,\$6C,\$66,\$00,\$00,\$60,\$60,\$60,\$60,\$60,\$60,\$7E,\$00,\$00,\$63
496A	777F6B6363	DB	\$77,\$7F,\$6B,\$63,\$63,\$00,\$00,\$66,\$76,\$7E,\$7E,\$6E,\$66,\$00,\$00,\$3C
497A	666666663C	DB	\$66,\$66,\$66,\$66,\$3C,\$00,\$00,\$7C,\$66,\$66,\$7C,\$60,\$60,\$00,\$00,\$3C
498A	6666666C36	DB	\$66,\$66,\$66,\$6C,\$36,\$00,\$00,\$7C,\$66,\$66,\$7C,\$6C,\$66,\$00,\$00,\$3C
499A	603C06063C	DB	\$60,\$3C,\$06,\$06,\$3C,\$00,\$00,\$7E,\$18,\$18,\$18,\$18,\$18,\$00,\$00,\$66
49AA	666666667E	DB	\$66,\$66,\$66,\$66,\$7E,\$00,\$00,\$66,\$66,\$66,\$66,\$3C,\$18,\$00,\$00,\$63
49BA	636B7F7763	DB	\$63,\$6B,\$7F,\$77,\$63,\$00,\$00,\$66,\$66,\$66,\$3C,\$3C,\$66,\$66,\$00,\$66
49CA	663C181818	DB	\$66,\$3C,\$18,\$18,\$18,\$00,\$00,\$7E,\$0C,\$18,\$30,\$60,\$7E,\$00,\$00,\$1E
49DA	181818181E	DB	\$18,\$18,\$18,\$18,\$1E,\$00,\$00,\$40,\$60,\$30,\$18,\$0C,\$06,\$00,\$00,\$78
49EA	1818181878	DB	\$18,\$18,\$18,\$18,\$78,\$00,\$00,\$08,\$1C,\$36,\$63,\$00,\$00,\$00,\$00,\$00
49FA	00000000FF	DB	\$00,\$00,\$00,\$00,\$FF,\$00,\$00,\$36,\$7F,\$7F,\$3E,\$1C,\$08,\$00,\$18,\$18
4A0A	181F1F1818	DB	\$18,\$1F,\$1F,\$18,\$18,\$18,\$03,\$03,\$03,\$03,\$03,\$03,\$03,\$03,\$18,\$18
4A1A	18F8F80000	DB	\$18,\$F8,\$F8,\$00,\$00,\$00,\$18,\$18,\$18,\$F8,\$F8,\$18,\$18,\$18,\$00,\$00
4A2A	00F8F81818	DB	\$00,\$F8,\$F8,\$18,\$18,\$18,\$03,\$07,\$0E,\$1C,\$38,\$70,\$E0,\$C0,\$C0,\$E0
4A3A	70381C0E07	DB	\$70,\$38,\$1C,\$0E,\$07,\$03,\$01,\$03,\$07,\$0F,\$1F,\$3F,\$7F,\$FF,\$00,\$00
4A4A	00000F0F0F	DB	\$00,\$00,\$0F,\$0F,\$0F,\$0F,\$80,\$C0,\$E0,\$F0,\$F8,\$FC,\$FE,\$FF,\$0F,\$0F
4A5A	0F0F000000	DB	\$0F,\$0F,\$00,\$00,\$00,\$00,\$F0,\$F0,\$F0,\$F0,\$00,\$00,\$00,\$00,\$FF,\$FF
4A6A	0000000000	DB	\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
4A7A	0000F0F0F0	DB	\$00,\$00,\$F0,\$F0,\$F0,\$F0,\$00,\$1C,\$1C,\$77,\$77,\$08,\$1C,\$00,\$00,\$00
4A8A	001F1F1818	DB	\$00,\$1F,\$1F,\$18,\$18,\$18,\$00,\$00,\$00,\$00,\$FF,\$FF,\$00,\$00,\$00,\$18,\$18

4A9A	18FFFF1818	DB	\$18,\$FF,\$FF,\$18,\$18,\$18,\$00,\$00,\$3C,\$7E,\$7E,\$7E,\$3C,\$00,\$00,\$00
4AAA	0000FFFF	DB	\$00,\$00,\$FF,\$FF,\$FF,\$FF,\$C0,\$C0,\$C0,\$C0,\$C0,\$C0,\$C0,\$00,\$00
4ABA	00FFFF1818	DB	\$00,\$FF,\$FF,\$18,\$18,\$18,\$18,\$18,\$FF,\$FF,\$00,\$00,\$00,\$F0,\$F0
4ACA	F0F0F0F0F0	DB	\$F0,\$F0,\$F0,\$F0,\$F0,\$F0,\$18,\$18,\$18,\$1F,\$1F,\$00,\$00,\$00,\$78,\$60
4ADA	78607E181E	DB	\$78,\$60,\$7E,\$18,\$1E,\$00,\$00,\$18,\$3C,\$7E,\$18,\$18,\$18,\$00,\$00,\$18
4AEA	18187E3C18	DB	\$18,\$18,\$7E,\$3C,\$18,\$00,\$00,\$18,\$30,\$7E,\$30,\$18,\$00,\$00,\$00,\$18
4AFA	0C7E0C1800	DB	\$0C,\$7E,\$0C,\$18,\$00,\$00,\$00,\$18,\$3C,\$7E,\$7E,\$3C,\$18,\$00,\$00,\$00
4B0A	3C063E663E	DB	\$3C,\$06,\$3E,\$66,\$3E,\$00,\$00,\$60,\$60,\$7C,\$66,\$66,\$7C,\$00,\$00,\$00
4B1A	3C6060603C	DB	\$3C,\$60,\$60,\$60,\$3C,\$00,\$00,\$06,\$06,\$3E,\$66,\$66,\$3E,\$00,\$00,\$00
4B2A	3C667E603C	DB	\$3C,\$66,\$7E,\$60,\$3C,\$00,\$00,\$0E,\$18,\$3E,\$18,\$18,\$18,\$00,\$00,\$00
4B3A	3E66663E06	DB	\$3E,\$66,\$66,\$3E,\$06,\$7C,\$00,\$60,\$60,\$7C,\$66,\$66,\$66,\$00,\$00,\$18
4B4A	003818183C	DB	\$00,\$38,\$18,\$18,\$3C,\$00,\$00,\$06,\$00,\$06,\$06,\$06,\$06,\$3C,\$00,\$60
4B5A	606C786C66	DB	\$60,\$6C,\$78,\$6C,\$66,\$00,\$00,\$38,\$18,\$18,\$18,\$18,\$3C,\$00,\$00,\$00
4B6A	667F7F6B63	DB	\$66,\$7F,\$7F,\$6B,\$63,\$00,\$00,\$00,\$7C,\$66,\$66,\$66,\$66,\$00,\$00,\$00
4B7A	3C6666663C	DB	\$3C,\$66,\$66,\$66,\$3C,\$00,\$00,\$00,\$7C,\$66,\$66,\$7C,\$60,\$60,\$00,\$00
4B8A	3E66663E06	DB	\$3E,\$66,\$66,\$3E,\$06,\$06,\$00,\$00,\$7C,\$66,\$60,\$60,\$60,\$00,\$00,\$00
4B9A	3E603C067C	DB	\$3E,\$60,\$3C,\$06,\$7C,\$00,\$00,\$18,\$7E,\$18,\$18,\$18,\$00,\$00,\$00
4BAA	666666663E	DB	\$66,\$66,\$66,\$66,\$3E,\$00,\$00,\$00,\$66,\$66,\$66,\$3C,\$18,\$00,\$00,\$00
4BBA	636B7F3E36	DB	\$63,\$6B,\$7F,\$3E,\$36,\$00,\$00,\$00,\$66,\$3C,\$18,\$3C,\$66,\$00,\$00,\$00
4BCA	6666663E0C	DB	\$66,\$66,\$66,\$3E,\$0C,\$78,\$00,\$00,\$00,\$7E,\$0C,\$18,\$30,\$7E,\$00,\$00,\$18
4BDA	3C7E7E183C	DB	\$3C,\$7E,\$7E,\$18,\$3C,\$00,\$18,\$18,\$18,\$18,\$18,\$18,\$18,\$18,\$00,\$7E
4BEA	787C6E6606	DB	\$78,\$7C,\$6E,\$66,\$06,\$00,\$08,\$18,\$38,\$78,\$38,\$18,\$08,\$00,\$10,\$18
4BFA	1C1E1C1810	DB	\$1C,\$1E,\$1C,\$18,\$10,\$00,\$00,\$FB,\$F3,\$33,\$F6,\$3D,\$F6,\$A3,\$F6,\$33,\$F6
4C0A	3CF64CE4F3	DB	\$3C,\$F6,\$4C,\$E4,\$F3,\$F9,\$F5,\$F3,\$33,\$F6,\$92,\$F5,\$B6,\$F5,\$33,\$F6
4C1A	FBFC4CE4F3	DB	\$FB,\$FC,\$4C,\$E4,\$F3,\$F6,\$33,\$F6,\$33,\$F6,\$E1,\$F6,\$3C,\$F6,\$33,\$F6
4C2A	3CF64CE4F3	DB	\$3C,\$F6,\$4C,\$E4,\$F3,\$00,\$9E,\$EE,\$DB,\$EE,\$9D,\$EE,\$A6,\$EE,\$80,\$EE
4C3A	9DEE4C78EE	DB	\$9D,\$EE,\$4C,\$78,\$EE,\$00,\$4B,\$EF,\$2A,\$F0,\$D5,\$EF,\$0F,\$F0,\$27,\$F0
4C4A	4AEF4C41EF	DB	\$4A,\$EF,\$4C,\$41,\$EF,\$00,\$4C,\$EA,\$ED,\$4C,\$F0,\$ED,\$4C,\$C4,\$E4,\$4C
4C5A	59E94C12E9	DB	\$59,\$E9,\$4C,\$12,\$E9,\$4C,\$D1,\$E7,\$4C,\$3E,\$E9,\$4C,\$44,\$E9,\$4C,\$F6
4C6A	EB4C05E64C	DB	\$EB,\$4C,\$D5,\$E6,\$4C,\$A6,\$E4,\$4C,\$23,\$F2,\$4C,\$1B,\$F1,\$4C,\$25,\$F1
4C7A	4CE9EF4C5D	DB	\$4C,\$E9,\$EF,\$4C,\$5D,\$EF,\$B3,\$E7,\$B2,\$E7,\$B2,\$E7,\$B2,\$E7,\$BE,\$FF
4C8A	11EB90EAD1	DB	\$11,\$EB,\$90,\$EA,\$D1,\$EA,\$B2,\$E7,\$B2,\$E7,\$B2,\$E7,\$F6,\$E6,\$00,\$00
4C9A	0000000000	DB	\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$D1,\$E7,\$3E,\$E9,\$A2,\$00,\$A9,\$FF
4CAA	9D4003A9C0	DB	\$9D,\$40,\$03,\$A9,\$C0,\$9D,\$46,\$03,\$A9,\$E4,\$9D,\$47,\$03,\$8A,\$18,\$69
4CBA	10AAC98090	DB	\$10,\$AA,\$C9,\$80,\$90,\$E8,\$60,\$A0,\$85,\$60,\$85,\$2F,\$86,\$2E,\$A8,\$29
4CCA	0FD004E080	DB	\$0F,\$D0,\$04,\$E0,\$80,\$90,\$05,\$A0,\$86,\$4C,\$1B,\$E6,\$A0,\$00,\$BD,\$40
4CDA	03992000E8	DB	\$03,\$99,\$20,\$00,\$E8,\$C8,\$C0,\$0C,\$90,\$F4,\$A0,\$84,\$A5,\$22,\$C9,\$03
4CEA	9025A8C00E	DB	\$90,\$25,\$A8,\$C0,\$0E,\$90,\$02,\$A0,\$0E,\$84,\$17,\$B9,\$C6,\$E6,\$F0,\$0F
4CFA	C902F035C9	DB	\$C9,\$02,\$F0,\$35,\$C9,\$08,\$B0,\$4C,\$C9,\$04,\$F0,\$63,\$4C,\$C9,\$E5,\$A5
4D0A	20C9FF00F5	DB	\$20,\$C9,\$FF,\$F0,\$05,\$A0,\$81,\$4C,\$1B,\$E6,\$20,\$9E,\$E6,\$B0,\$F8,\$20
4D1A	3DE6B0F320	DB	\$3D,\$E6,\$B0,\$F3,\$20,\$89,\$E6,\$A9,\$0B,\$85,\$17,\$20,\$3D,\$E6,\$A5,\$2C
4D2A	8526A52D85	DB	\$85,\$26,\$A5,\$2D,\$85,\$27,\$4C,\$1D,\$E6,\$A0,\$01,\$84,\$23,\$20,\$3D,\$E6
4D3A	B0032089E6	DB	\$B0,\$03,\$20,\$89,\$E6,\$A9,\$FF,\$85,\$20,\$A9,\$E4,\$85,\$27,\$A9,\$C0,\$85
4D4A	264C1DE6A5	DB	\$26,\$4C,\$1D,\$E6,\$A5,\$20,\$C9,\$FF,\$D0,\$05,\$20,\$9E,\$E6,\$B0,\$B8,\$20
4D5A	3DE62089E6	DB	\$3D,\$E6,\$20,\$89,\$E6,\$A6,\$2E,\$BD,\$40,\$03,\$85,\$20,\$4C,\$1D,\$E6,\$A5
4D6A	22252AD005	DB	\$22,\$25,\$2A,\$D0,\$05,\$A0,\$83,\$4C,\$1B,\$E6,\$20,\$3D,\$E6,\$B0,\$F8,\$A5
4D7A	280529D008	DB	\$28,\$05,\$29,\$D0,\$08,\$20,\$89,\$E6,\$85,\$2F,\$4C,\$1D,\$E6,\$20,\$89,\$E6
4D8A	852F3035A0	DB	\$85,\$2F,\$30,\$35,\$A0,\$20,\$91,\$24,\$20,\$70,\$E6,\$A5,\$22,\$29,\$02,\$D0
4D9A	0CA52FC99B	DB	\$0C,\$A5,\$2F,\$C9,\$9B,\$D0,\$06,\$20,\$63,\$E6,\$4C,\$C3,\$E5,\$20,\$63,\$E6
4DAA	D0DBA52229	DB	\$D0,\$DB,\$A5,\$22,\$29,\$02,\$D0,\$11,\$20,\$89,\$E6,\$85,\$2F,\$30,\$0A,\$A5
4DBA	2FC99BD0F3	DB	\$2F,\$C9,\$9B,\$D0,\$F3,\$A9,\$89,\$85,\$23,\$20,\$77,\$E6,\$4C,\$1D,\$E6,\$A5
4DCA	22252AD005	DB	\$22,\$25,\$2A,\$D0,\$05,\$A0,\$87,\$4C,\$1B,\$E6,\$20,\$3D,\$E6,\$B0,\$F8,\$A5
4DDA	280529D006	DB	\$28,\$05,\$29,\$D0,\$06,\$A5,\$2F,\$E6,\$28,\$D0,\$06,\$A0,\$00,\$B1,\$24,\$85
4DEA	2F2089E630	DB	\$2F,\$20,\$89,\$E6,\$30,\$25,\$20,\$70,\$E6,\$A5,\$22,\$29,\$02,\$D0,\$0C,\$A5
4DFA	2FC99BD006	DB	\$2F,\$C9,\$9B,\$D0,\$06,\$20,\$63,\$E6,\$4C,\$15,\$E6,\$20,\$63,\$E6,\$D0,\$DB
4E0A	A5222902D0	DB	\$A5,\$22,\$29,\$02,\$D0,\$05,\$A9,\$9B,\$20,\$89,\$E6,\$20,\$77,\$E6,\$4C,\$1D
4E1A	E68423A42E	DB	\$E6,\$84,\$23,\$A4,\$2E,\$B9,\$44,\$03,\$85,\$24,\$B9,\$45,\$03,\$85,\$25,\$A2

4E2A	00B5209940	DB	\$00,\$B5,\$20,\$99,\$40,\$03,\$E8,\$C8,\$E0,\$0C,\$90,\$F5,\$A5,\$2F,\$A6,\$2E
4E3A	A42360A420	DB	\$A4,\$23,\$60,\$A4,\$20,\$C0,\$22,\$90,\$04,\$A0,\$85,\$B0,\$1B,\$B9,\$1B,\$03
4E4A	852CB91C03	DB	\$85,\$2C,\$B9,\$1C,\$03,\$85,\$2D,\$A4,\$17,\$B9,\$C6,\$E6,\$A8,\$B1,\$2C,\$AA
4E5A	C8B12C852D	DB	\$C8,\$B1,\$2C,\$85,\$2D,\$86,\$2C,\$18,\$60,\$C6,\$28,\$A5,\$28,\$C9,\$FF,\$D0
4E6A	02C6290529	DB	\$02,\$C6,\$29,\$05,\$29,\$60,\$E6,\$24,\$D0,\$02,\$E6,\$25,\$60,\$A6,\$2E,\$38
4E7A	BD4803E528	DB	\$BD,\$48,\$03,\$E5,\$28,\$85,\$28,\$BD,\$49,\$03,\$E5,\$29,\$85,\$29,\$60,\$A0
4E8A	922093E684	DB	\$92,\$20,\$93,\$E6,\$84,\$23,\$C0,\$00,\$60,\$AA,\$A5,\$2D,\$48,\$A5,\$2C,\$48
4E9A	8AA62E60A0	DB	\$8A,\$A6,\$2E,\$60,\$A0,\$00,\$B1,\$24,\$F0,\$0C,\$A0,\$21,\$D9,\$1A,\$03,\$F0
4EAA	0A88888810	DB	\$0A,\$88,\$88,\$88,\$10,\$F6,\$A0,\$82,\$38,\$B0,\$13,\$98,\$85,\$20,\$38,\$A0
4EBA	01B124E930	DB	\$01,\$B1,\$24,\$E9,\$30,\$C9,\$0A,\$90,\$02,\$A9,\$01,\$85,\$21,\$18,\$60,\$00
4ECA	0404040406	DB	\$04,\$04,\$04,\$04,\$06,\$06,\$06,\$06,\$02,\$08,\$0A,\$A9,\$40,\$8D,\$0E,\$D4
4EDA	A93880D2D3	DB	\$A9,\$38,\$8D,\$02,\$D3,\$EA,\$EA,\$EA,\$A9,\$00,\$8D,\$00,\$D3,\$EA,\$EA,\$EA
4EEA	A93C8D02D3	DB	\$A9,\$3C,\$8D,\$02,\$D3,\$8D,\$03,\$D3,\$60,\$C6,\$16,\$02,\$48,\$A9,\$10,\$2C
4EFA	0ED2D00DA9	DB	\$0E,\$D2,\$D0,\$0D,\$A9,\$EF,\$8D,\$0E,\$D2,\$A5,\$10,\$8D,\$0E,\$D2,\$6C,\$0C
4F0A	02A9202C0E	DB	\$02,\$A9,\$20,\$2C,\$0E,\$D2,\$D0,\$0D,\$A9,\$DF,\$8D,\$0E,\$D2,\$A5,\$10,\$8D
4F1A	0ED26C0A02	DB	\$0E,\$D2,\$6C,\$0A,\$02,\$A9,\$08,\$24,\$10,\$F0,\$12,\$2C,\$0E,\$D2,\$D0,\$0D
4F2A	A9F78D0ED2	DB	\$A9,\$F7,\$8D,\$0E,\$D2,\$A5,\$10,\$8D,\$0E,\$D2,\$6C,\$0E,\$02,\$AD,\$0E,\$D2
4F3A	6A800DA9FE	DB	\$6A,\$B0,\$0D,\$A9,\$FE,\$8D,\$0E,\$D2,\$A5,\$10,\$8D,\$0E,\$D2,\$6C,\$10,\$02
4F4A	6A800DA9FD	DB	\$6A,\$B0,\$0D,\$A9,\$FD,\$8D,\$0E,\$D2,\$A5,\$10,\$8D,\$0E,\$D2,\$6C,\$12,\$02
4F5A	6A800AA9FB	DB	\$6A,\$B0,\$0A,\$A9,\$FB,\$8D,\$0E,\$D2,\$A5,\$10,\$8D,\$0E,\$D2,\$2C,\$0E,\$D2
4F6A	700DA9BF8D	DB	\$70,\$0D,\$A9,\$BF,\$8D,\$0E,\$D2,\$A5,\$10,\$8D,\$0E,\$D2,\$6C,\$08,\$02,\$30
4F7A	18A97F8D0E	DB	\$18,\$A9,\$7F,\$8D,\$0E,\$D2,\$A5,\$10,\$8D,\$0E,\$D2,\$A9,\$00,\$85,\$11,\$8D
4F8A	FF028DF002	DB	\$FF,\$02,\$8D,\$0F,\$02,\$85,\$4D,\$68,\$40,\$2C,\$02,\$D3,\$10,\$06,\$AD,\$00
4F9A	D36C02022C	DB	\$D3,\$6C,\$02,\$02,\$2C,\$03,\$D3,\$10,\$06,\$AD,\$01,\$D3,\$6C,\$04,\$02,\$08
4FAA	682910F003	DB	\$68,\$29,\$10,\$F0,\$03,\$6C,\$06,\$02,\$68,\$40,\$2C,\$0F,\$D4,\$10,\$03,\$9C
4FBA	000248AD0F	DB	\$00,\$02,\$48,\$AD,\$0F,\$D4,\$29,\$20,\$F0,\$03,\$4C,\$74,\$E4,\$EA,\$48,\$68
4FCA	488D0FD46C	DB	\$48,\$8D,\$0F,\$D4,\$6C,\$22,\$02,\$E6,\$14,\$D0,\$08,\$E6,\$4D,\$E6,\$13,\$D0
4FDA	02E612A9FE	DB	\$02,\$E6,\$12,\$A9,\$FE,\$A2,\$00,\$A4,\$4D,\$10,\$06,\$85,\$4D,\$A6,\$13,\$A9
4FEA	F6854E864F	DB	\$F6,\$85,\$4E,\$86,\$4F,\$A2,\$00,\$20,\$F5,\$E8,\$D0,\$03,\$20,\$EF,\$E8,\$A5
4FFA	42D008B8BD	DB	\$42,\$D0,\$08,\$BA,\$BD,\$04,\$01,\$29,\$04,\$F0,\$03,\$4C,\$3E,\$E9,\$58,\$AD
500A	0DD48D3502	DB	\$0D,\$D4,\$8D,\$35,\$02,\$AD,\$0C,\$D4,\$8D,\$34,\$02,\$AD,\$31,\$02,\$8D,\$03
501A	D4AD30028D	DB	\$D4,\$AD,\$30,\$02,\$8D,\$85,\$D4,\$AD,\$2F,\$02,\$8D,\$00,\$D4,\$AD,\$6F,\$02
502A	8D1BD0A908	DB	\$8D,\$1B,\$D0,\$A9,\$08,\$8D,\$1F,\$D0,\$A2,\$08,\$BD,\$C0,\$02,\$45,\$4F,\$25
503A	4E9D12D0CA	DB	\$4E,\$9D,\$12,\$D0,\$CA,\$10,\$F3,\$AD,\$F4,\$02,\$8D,\$09,\$D4,\$AD,\$F3,\$02
504A	8D01D4A202	DB	\$8D,\$01,\$D4,\$A2,\$02,\$20,\$F5,\$E8,\$D0,\$03,\$20,\$F2,\$24,\$02,\$E8
505A	E8BD18021D	DB	\$E8,\$BD,\$18,\$02,\$1D,\$19,\$02,\$F0,\$06,\$20,\$F5,\$E8,\$9D,\$26,\$02,\$E0
506A	08D0ECAD0F	DB	\$08,\$D0,\$EC,\$AD,\$0F,\$D2,\$29,\$04,\$F0,\$08,\$AD,\$F1,\$02,\$F0,\$03,\$CE
507A	F102AD2B02	DB	\$F1,\$02,\$AD,\$2B,\$02,\$F0,\$17,\$AD,\$0F,\$D2,\$29,\$04,\$D0,\$60,\$CE,\$2B
508A	02D008A906	DB	\$02,\$D0,\$08,\$A9,\$06,\$8D,\$2B,\$02,\$AD,\$09,\$D2,\$8D,\$FC,\$02,\$A0,\$01
509A	A203B900D3	DB	\$A2,\$03,\$B9,\$00,\$D3,\$4A,\$4A,\$4A,\$4A,\$9D,\$78,\$02,\$CA,\$B9,\$00,\$D3
50AA	290F9D7802	DB	\$29,\$0F,\$9D,\$78,\$02,\$CA,\$88,\$10,\$E9,\$A2,\$03,\$BD,\$10,\$D0,\$9D,\$84
50BA	02BD00D29D	DB	\$02,\$BD,\$00,\$D2,\$9D,\$70,\$02,\$BD,\$04,\$D2,\$9D,\$74,\$02,\$CA,\$10,\$EB
50CA	8D0BD2A206	DB	\$8D,\$0B,\$D2,\$A2,\$06,\$A0,\$03,\$B9,\$78,\$02,\$4A,\$4A,\$4A,\$9D,\$7D,\$02
50DA	A9002A9D7C	DB	\$A9,\$00,\$2A,\$9D,\$7C,\$02,\$CA,\$CA,\$88,\$10,\$EC,\$6C,\$24,\$02,\$A9,\$00
50EA	8D2B02F0A9	DB	\$8D,\$2B,\$02,\$F0,\$A9,\$6C,\$26,\$02,\$6C,\$28,\$02,\$BC,\$18,\$02,\$D0,\$08
50FA	BC1902F010	DB	\$BC,\$19,\$02,\$F0,\$10,\$DE,\$19,\$02,\$DE,\$18,\$02,\$D0,\$08,\$BC,\$19,\$02
510A	D003A90060	DB	\$D0,\$03,\$A9,\$00,\$60,\$A9,\$FF,\$60,\$0A,\$8D,\$2D,\$02,\$A9,\$00,\$8D,\$0E
511A	D48AAE2D02	DB	\$D4,\$8A,\$AE,\$2D,\$02,\$9D,\$17,\$02,\$98,\$9D,\$16,\$02,\$A9,\$40,\$8D,\$0E
512A	D42C0FD450	DB	\$D4,\$2C,\$0F,\$D4,\$50,\$0D,\$A9,\$E9,\$48,\$A9,\$3D,\$48,\$08,\$48,\$48,\$48
513A	6C22026068	DB	\$6C,\$22,\$02,\$60,\$68,\$A8,\$68,\$AA,\$68,\$40,\$A9,\$3C,\$8D,\$02,\$D3,\$A9
514A	3C8D03D3A9	DB	\$3C,\$8D,\$03,\$D3,\$A9,\$03,\$8D,\$32,\$02,\$85,\$41,\$8D,\$0F,\$D2,\$60,\$BA
515A	8E1803A901	DB	\$8E,\$18,\$03,\$A9,\$01,\$85,\$42,\$AD,\$00,\$03,\$C9,\$60,\$D0,\$03,\$4C,\$84
516A	EBA9008D0F	DB	\$EB,\$A9,\$00,\$8D,\$0F,\$03,\$A9,\$01,\$85,\$37,\$A9,\$0D,\$85,\$36,\$A9,\$28
517A	8D04D2A900	DB	\$8D,\$04,\$D2,\$A9,\$00,\$8D,\$06,\$D2,\$18,\$AD,\$00,\$03,\$6D,\$01,\$03,\$69
518A	FF8D3A02AD	DB	\$FF,\$8D,\$3A,\$02,\$AD,\$02,\$03,\$8D,\$3B,\$02,\$AD,\$0A,\$03,\$8D,\$3C,\$02
519A	AD0B038D3D	DB	\$AD,\$0B,\$03,\$8D,\$3D,\$02,\$18,\$A9,\$3A,\$85,\$32,\$69,\$04,\$85,\$34,\$A9
51AA	0285338535	DB	\$02,\$85,\$33,\$85,\$35,\$A9,\$34,\$8D,\$03,\$D3,\$20,\$8E,\$EC,\$AD,\$3F,\$02

51BA	D00398D007	DB	\$D0,\$03,\$98,\$D0,\$07,\$C6,\$36,\$10,\$B5,\$4C,\$06,\$EA,\$AD,\$03,\$03,\$10
51CA	0CA90D8536	DB	\$0C,\$A9,\$0D,\$85,\$36,\$20,\$6E,\$EB,\$20,\$8E,\$EC,\$F0,\$E8,\$20,\$79,\$EC
51DA	A9008D3F02	DB	\$A9,\$00,\$8D,\$3F,\$02,\$20,\$9F,\$EC,\$F0,\$12,\$2C,\$03,\$03,\$70,\$07,\$AD
51EA	3F02D018F0	DB	\$3F,\$02,\$D0,\$18,\$F0,\$1D,\$20,\$6E,\$EB,\$20,\$E2,\$EA,\$AD,\$3F,\$02,\$F0
51FA	05AD190385	DB	\$05,\$AD,\$19,\$03,\$85,\$30,\$A5,\$30,\$C9,\$01,\$F0,\$07,\$C6,\$37,\$30,\$03
520A	4C74E92063	DB	\$4C,\$74,\$E9,\$20,\$63,\$EC,\$A9,\$00,\$85,\$42,\$A4,\$30,\$8C,\$03,\$03,\$60
521A	A9008D3F02	DB	\$A9,\$00,\$8D,\$3F,\$02,\$18,\$A9,\$3E,\$85,\$32,\$69,\$01,\$85,\$34,\$A9,\$02
522A	85338535A9	DB	\$85,\$33,\$85,\$35,\$A9,\$FF,\$85,\$3C,\$20,\$E2,\$EA,\$A0,\$FF,\$A5,\$30,\$C9
523A	01D019AD3E	DB	\$01,\$D0,\$19,\$AD,\$3E,\$02,\$C9,\$41,\$F0,\$21,\$C9,\$43,\$F0,\$1D,\$C9,\$45
524A	D006A99085	DB	\$D0,\$06,\$A9,\$90,\$85,\$30,\$D0,\$04,\$A9,\$8B,\$85,\$30,\$A5,\$30,\$C9,\$8A
525A	F007A9FF8D	DB	\$F0,\$07,\$A9,\$FF,\$8D,\$3F,\$02,\$D0,\$02,\$A0,\$00,\$A5,\$30,\$8D,\$19,\$03
526A	60A9018530	DB	\$60,\$A9,\$01,\$85,\$30,\$20,\$F6,\$EB,\$A0,\$00,\$84,\$31,\$84,\$3B,\$84,\$3A
527A	B1328D0DD2	DB	\$B1,\$32,\$8D,\$0D,\$D2,\$85,\$31,\$A5,\$11,\$D0,\$03,\$4C,\$A4,\$ED,\$A5,\$3A
528A	F0F52063EC	DB	\$F0,\$F5,\$20,\$63,\$EC,\$60,\$98,\$48,\$E6,\$32,\$D0,\$02,\$E6,\$33,\$A5,\$33
529A	C5359022A5	DB	\$C5,\$35,\$90,\$22,\$A5,\$32,\$C5,\$34,\$90,\$1C,\$A5,\$3B,\$D0,\$0B,\$A5,\$31
52AA	80DD2A9FF	DB	\$8D,\$0D,\$D2,\$A9,\$FF,\$85,\$3B,\$D0,\$09,\$A5,\$10,\$09,\$08,\$85,\$10,\$8D
52BA	0ED268A868	DB	\$0E,\$D2,\$68,\$A8,\$68,\$40,\$A0,\$00,\$B1,\$32,\$8D,\$0D,\$D2,\$18,\$65,\$31
52CA	690085314C	DB	\$69,\$00,\$85,\$31,\$4C,\$BC,\$EA,\$A5,\$3B,\$F0,\$0B,\$85,\$3A,\$A5,\$10,\$29
52DA	F785108D0E	DB	\$F7,\$85,\$10,\$8D,\$0E,\$D2,\$68,\$40,\$A9,\$00,\$AC,\$0F,\$03,\$D0,\$02,\$85
52EA	3185388539	DB	\$31,\$85,\$38,\$85,\$39,\$A9,\$01,\$85,\$30,\$20,\$1F,\$EC,\$A9,\$3C,\$80,\$03
52FA	D3A511D003	DB	\$D3,\$A5,\$11,\$D0,\$03,\$4C,\$A4,\$ED,\$AD,\$17,\$03,\$F0,\$05,\$A5,\$39,\$F0
530A	F060A98A85	DB	\$F0,\$60,\$A9,\$8A,\$85,\$30,\$60,\$98,\$48,\$AD,\$0F,\$D2,\$8D,\$0A,\$D2,\$30
531A	04A08C8430	DB	\$04,\$A0,\$8C,\$84,\$30,\$29,\$20,\$D0,\$04,\$A0,\$8E,\$84,\$30,\$A5,\$38,\$F0
532A	13AD0DD2C5	DB	\$13,\$AD,\$0D,\$D2,\$C5,\$31,\$F0,\$04,\$A0,\$8F,\$84,\$30,\$A9,\$FF,\$85,\$39
533A	68A86840AD	DB	\$68,\$A8,\$68,\$40,\$AD,\$0D,\$D2,\$A0,\$00,\$91,\$32,\$18,\$65,\$31,\$69,\$00
534A	8531E632D0	DB	\$85,\$31,\$E6,\$32,\$D0,\$02,\$E6,\$33,\$A5,\$33,\$C5,\$34,\$90,\$E2,\$A5,\$32
535A	C53490DCA5	DB	\$C5,\$34,\$90,\$DC,\$A5,\$3C,\$F0,\$06,\$A9,\$00,\$85,\$3C,\$F0,\$CE,\$A9,\$FF
536A	8538D0CC18	DB	\$85,\$38,\$D0,\$CC,\$18,\$AD,\$04,\$03,\$85,\$32,\$6D,\$08,\$03,\$85,\$34,\$AD
537A	050385336D	DB	\$05,\$03,\$85,\$33,\$6D,\$09,\$03,\$85,\$35,\$60,\$AD,\$03,\$03,\$10,\$2E,\$A9
538A	CC8D04D2A9	DB	\$CC,\$8D,\$04,\$D2,\$A9,\$05,\$8D,\$06,\$D2,\$20,\$F6,\$EB,\$A0,\$0D,\$AD,\$0B
539A	033002A096	DB	\$03,\$30,\$02,\$A0,\$96,\$A2,\$00,\$20,\$BD,\$ED,\$A9,\$34,\$8D,\$02,\$D3,\$AD
53AA	1703D0FB20	DB	\$17,\$03,\$D0,\$FB,\$20,\$6E,\$EB,\$20,\$6B,\$EA,\$4C,\$E3,\$EB,\$A9,\$FF,\$8D
53BA	0F03A008AD	DB	\$0F,\$03,\$A0,\$08,\$AD,\$0B,\$03,\$30,\$02,\$A0,\$64,\$A2,\$00,\$20,\$BD,\$ED
53CA	A9348D02D3	DB	\$A9,\$34,\$8D,\$02,\$D3,\$AD,\$17,\$03,\$D0,\$FB,\$20,\$6E,\$EB,\$20,\$79,\$EC
53DA	20BDED2014	DB	\$20,\$BD,\$ED,\$20,\$14,\$ED,\$20,\$E2,\$EA,\$AD,\$0B,\$03,\$05,\$A9,\$3C
53EA	8D02D34C0D	DB	\$8D,\$02,\$D3,\$4C,\$0D,\$EA,\$A9,\$00,\$8D,\$17,\$03,\$60,\$A9,\$07,\$2D,\$32
53FA	020920AC00	DB	\$02,\$09,\$20,\$AC,\$00,\$03,\$C0,\$60,\$D0,\$0C,\$09,\$08,\$A0,\$07,\$8C,\$02
540A	D2A0058C00	DB	\$D2,\$A0,\$05,\$8C,\$00,\$D2,\$8D,\$32,\$02,\$8D,\$0F,\$D2,\$A9,\$C7,\$25,\$10
541A	09104C35EC	DB	\$09,\$10,\$4C,\$35,\$EC,\$A9,\$07,\$2D,\$32,\$02,\$09,\$10,\$8D,\$32,\$02,\$8D
542A	0FD28D0AD2	DB	\$0F,\$D2,\$8D,\$0A,\$D2,\$A9,\$C7,\$25,\$10,\$09,\$20,\$85,\$10,\$8D,\$0E,\$D2
543A	A9288D08D2	DB	\$A9,\$28,\$8D,\$08,\$D2,\$A2,\$06,\$A9,\$A8,\$A4,\$41,\$D0,\$02,\$A9,\$A0,\$9D
544A	01D2CACAI0	DB	\$01,\$D2,\$CA,\$CA,\$10,\$F9,\$A9,\$A0,\$8D,\$05,\$D2,\$AC,\$00,\$03,\$C0,\$60
545A	F0068D01D2	DB	\$F0,\$06,\$8D,\$01,\$D2,\$8D,\$03,\$D2,\$60,\$EA,\$A9,\$C7,\$25,\$10,\$85,\$10
546A	8D0ED2A206	DB	\$8D,\$0E,\$D2,\$A2,\$06,\$A9,\$00,\$9D,\$01,\$D2,\$CA,\$CA,\$10,\$F9,\$60,\$AD
547A	06036A6AA8	DB	\$06,\$03,\$6A,\$6A,\$A8,\$29,\$3F,\$AA,\$98,\$6A,\$29,\$C0,\$A8,\$60,\$11,\$EB
548A	90EAD1EAA2	DB	\$90,\$EA,\$D1,\$EA,\$A2,\$01,\$A0,\$FF,\$88,\$D0,\$FD,\$CA,\$D0,\$F8,\$20,\$6B
549A	EAA002A200	DB	\$EA,\$A0,\$02,\$A2,\$00,\$20,\$BD,\$ED,\$20,\$1A,\$EA,\$98,\$60,\$8D,\$10,\$03
54AA	8C11032008	DB	\$8C,\$11,\$03,\$20,\$08,\$ED,\$8D,\$10,\$03,\$AD,\$0C,\$03,\$20,\$08,\$ED,\$8D
54BA	0C03AD1003	DB	\$0C,\$03,\$AD,\$10,\$03,\$38,\$ED,\$0C,\$03,\$8D,\$12,\$03,\$AD,\$11,\$03,\$38
54CA	ED0D03A8A9	DB	\$ED,\$0D,\$03,\$A8,\$A9,\$64,\$18,\$69,\$9C,\$88,\$10,\$FA,\$18,\$6D,\$12,\$03
54DA	A84A4A4A0A	DB	\$A8,\$4A,\$4A,\$4A,\$0A,\$38,\$E9,\$16,\$AA,\$98,\$29,\$07,\$A8,\$A9,\$F5,\$18
54EA	690B8810FA	DB	\$69,\$0B,\$88,\$10,\$FA,\$A0,\$00,\$8C,\$0E,\$03,\$38,\$E9,\$07,\$10,\$03,\$CE
54FA	0E03187DD2	DB	\$0E,\$03,\$18,\$7D,\$D2,\$ED,\$A8,\$AD,\$0E,\$03,\$7D,\$D3,\$ED,\$60,\$C9,\$7C
550A	300438E97C	DB	\$30,\$04,\$38,\$E9,\$7C,\$60,\$18,\$69,\$20,\$60,\$A5,\$11,\$D0,\$03,\$4C,\$A4
551A	ED78AD1703	DB	\$ED,\$78,\$AD,\$17,\$03,\$D0,\$02,\$F0,\$25,\$AD,\$0F,\$D2,\$29,\$10,\$D0,\$EA
552A	8D1603AE0B	DB	\$8D,\$16,\$03,\$AE,\$0B,\$D4,\$A4,\$14,\$8E,\$0C,\$03,\$8C,\$0D,\$03,\$A2,\$01
553A	8E1503A00A	DB	\$8E,\$15,\$03,\$A0,\$0A,\$A5,\$11,\$F0,\$61,\$AD,\$17,\$03,\$D0,\$04,\$58,\$4C

554A	0CEBAD0FD2	DB	\$0C,\$EB,\$AD,\$0F,\$D2,\$29,\$10,\$CD,\$16,\$03,\$F0,\$E9,\$8D,\$16,\$03,\$88
555A	D0E3CE1503	DB	\$D0,\$E3,\$CE,\$15,\$03,\$30,\$12,\$AD,\$0B,\$D4,\$A4,\$14,\$20,\$A7,\$EC,\$8C
556A	EE028DEF02	DB	\$EE,\$02,\$8D,\$EF,\$02,\$A0,\$09,\$D0,\$CC,\$AD,\$EE,\$02,\$8D,\$04,\$D2,\$AD
557A	EF028D06D2	DB	\$EF,\$02,\$8D,\$06,\$D2,\$A9,\$00,\$8D,\$0F,\$D2,\$AD,\$32,\$02,\$8D,\$0F,\$D2
558A	A9559132C8	DB	\$A9,\$55,\$91,\$32,\$C8,\$91,\$32,\$A9,\$AA,\$85,\$31,\$18,\$A5,\$32,\$69,\$02
559A	8532A53369	DB	\$85,\$32,\$A5,\$33,\$69,\$00,\$85,\$33,\$58,\$60,\$20,\$63,\$EC,\$A9,\$3C,\$8D
55AA	02D38D03D3	DB	\$02,\$D3,\$8D,\$03,\$D3,\$A9,\$80,\$85,\$30,\$AE,\$18,\$03,\$9A,\$C6,\$11,\$58
55BA	4C0DEAA9F0	DB	\$4C,\$0D,\$EA,\$A9,\$F0,\$8D,\$26,\$02,\$A9,\$EB,\$8D,\$27,\$02,\$A9,\$01,\$8D
55CA	170378205C	DB	\$17,\$03,\$78,\$20,\$5C,\$E4,\$58,\$60,\$E8,\$03,\$43,\$04,\$9E,\$04,\$F9,\$04
55DA	5405AF050A	DB	\$54,\$05,\$AF,\$05,\$0A,\$06,\$65,\$06,\$C0,\$06,\$1A,\$07,\$75,\$07,\$D0,\$07
55EA	A9A08D4602	DB	\$A9,\$A0,\$8D,\$46,\$02,\$60,\$A9,\$31,\$8D,\$00,\$03,\$AD,\$46,\$02,\$AE,\$02
55FA	03E021F002	DB	\$03,\$E0,\$21,\$F0,\$02,\$A9,\$07,\$8D,\$06,\$03,\$A2,\$40,\$A0,\$80,\$AD,\$02
560A	03C957D002	DB	\$03,\$C9,\$57,\$D0,\$02,\$A2,\$80,\$C9,\$53,\$D0,\$0C,\$A9,\$8D,\$04,\$03
561A	A9028D0503	DB	\$A9,\$02,\$8D,\$05,\$03,\$A0,\$04,\$8E,\$03,\$03,\$8C,\$08,\$03,\$A9,\$00,\$8D
562A	09032059E4	DB	\$09,\$03,\$20,\$59,\$E4,\$10,\$01,\$60,\$AD,\$02,\$03,\$C9,\$53,\$D0,\$0A,\$2F
563A	6DEEA002B1	DB	\$6D,\$EE,\$A0,\$02,\$B1,\$15,\$8D,\$46,\$02,\$AD,\$02,\$03,\$C9,\$21,\$D0,\$1F
564A	206DEEA0FE	DB	\$20,\$6D,\$EE,\$A0,\$FE,\$C8,\$C8,\$B1,\$15,\$C9,\$FF,\$D0,\$F8,\$C2,\$B1,\$15
565A	C8C9FFD0F2	DB	\$C8,\$C9,\$FF,\$D0,\$F2,\$88,\$88,\$8C,\$08,\$03,\$A9,\$00,\$8D,\$09,\$03,\$AC
566A	030360AD04	DB	\$03,\$03,\$60,\$AD,\$04,\$03,\$85,\$15,\$AD,\$05,\$03,\$85,\$16,\$60,\$A9,\$1E
567A	851C60EA02	DB	\$85,\$1C,\$60,\$EA,\$02,\$C0,\$03,\$A9,\$04,\$85,\$1E,\$AE,\$7D,\$EE,\$AC,\$7E
568A	EEA9538D02	DB	\$EE,\$A9,\$53,\$8D,\$02,\$03,\$8D,\$0A,\$03,\$20,\$E6,\$EE,\$20,\$59,\$E4,\$30
569A	032014EF60	DB	\$03,\$20,\$14,\$EF,\$60,\$20,\$81,\$EE,\$A9,\$00,\$85,\$1D,\$60,\$85,\$1F,\$20
56AA	1AEFA61DA5	DB	\$1A,\$EF,\$A6,\$1D,\$A5,\$1F,\$9D,\$C0,\$03,\$E8,\$E4,\$1E,\$F0,\$13,\$86,\$1D
56BA	C99BF003A0	DB	\$C9,\$9B,\$F0,\$03,\$A0,\$01,\$60,\$A9,\$20,\$9D,\$C0,\$03,\$E8,\$E4,\$1E,\$D0
56CA	F8A900851D	DB	\$F8,\$A9,\$00,\$85,\$1D,\$AE,\$7F,\$EE,\$AC,\$80,\$EE,\$20,\$E6,\$EE,\$20,\$59
56DA	E460201AEF	DB	\$E4,\$60,\$20,\$1A,\$EF,\$A6,\$1D,\$D0,\$DE,\$A0,\$01,\$60,\$8E,\$04,\$03,\$8C
56EA	0503A9408D	DB	\$05,\$03,\$A9,\$40,\$8D,\$00,\$03,\$A9,\$01,\$8D,\$01,\$03,\$A9,\$80,\$AE,\$02
56FA	03E053D002	DB	\$03,\$E0,\$53,\$D0,\$02,\$A9,\$40,\$8D,\$03,\$03,\$A5,\$1E,\$8D,\$08,\$03,\$A9
570A	008D0903A5	DB	\$00,\$8D,\$09,\$03,\$A5,\$1C,\$8D,\$06,\$03,\$60,\$AD,\$EC,\$02,\$85,\$1C,\$60
571A	A057A52BC9	DB	\$A0,\$57,\$A5,\$2B,\$C9,\$4E,\$D0,\$04,\$A2,\$28,\$D0,\$0E,\$C9,\$44,\$D0,\$04
572A	A214D006C9	DB	\$A2,\$14,\$D0,\$06,\$C9,\$53,\$D0,\$0B,\$A2,\$1D,\$86,\$1E,\$8C,\$02,\$03,\$8F
573A	0A0360A94E	DB	\$0A,\$03,\$60,\$A9,\$4E,\$D0,\$DD,\$A9,\$CC,\$8D,\$EE,\$02,\$A9,\$05,\$8D,\$ED
574A	0260A52B85	DB	\$02,\$60,\$A5,\$2B,\$85,\$3E,\$A5,\$2A,\$29,\$0C,\$C9,\$04,\$F0,\$05,\$C9,\$08
575A	F03960A900	DB	\$F0,\$39,\$60,\$A9,\$00,\$8D,\$89,\$02,\$85,\$3F,\$A9,\$01,\$20,\$58,\$F0,\$30
576A	24A9348D02	DB	\$24,\$A9,\$34,\$8D,\$02,\$D3,\$A0,\$E0,\$A2,\$01,\$A9,\$03,\$8D,\$2A,\$02,\$20
577A	5CE4AD2A02	DB	\$5C,\$E4,\$AD,\$2A,\$02,\$D0,\$FB,\$A9,\$80,\$85,\$3D,\$8D,\$8A,\$02,\$4C,\$D3
578A	EFA080C611	DB	\$EF,\$A0,\$80,\$C6,\$11,\$A9,\$00,\$8D,\$89,\$02,\$60,\$A9,\$80,\$8D,\$89,\$02
579A	A9022058F0	DB	\$A9,\$02,\$20,\$58,\$F0,\$30,\$EE,\$A9,\$CC,\$8D,\$04,\$D2,\$A9,\$05,\$8D,\$06
57AA	D2A9608D00	DB	\$D2,\$A9,\$60,\$8D,\$00,\$03,\$20,\$68,\$E4,\$A9,\$34,\$8D,\$02,\$D3,\$A9,\$03
57BA	A203A0C020	DB	\$A2,\$03,\$A0,\$C0,\$20,\$5C,\$E4,\$A9,\$FF,\$8D,\$2A,\$02,\$A5,\$11,\$F0,\$C1
57CA	AD2A02D0F7	DB	\$AD,\$2A,\$02,\$D0,\$F7,\$A9,\$00,\$85,\$3D,\$A0,\$01,\$60,\$A5,\$3F,\$30,\$33
57DA	A63DEC8A02	DB	\$A6,\$3D,\$EC,\$8A,\$02,\$F0,\$08,\$BD,\$00,\$04,\$E6,\$3D,\$A0,\$01,\$60,\$A9
57EA	522095F098	DB	\$52,\$20,\$95,\$F0,\$98,\$30,\$F7,\$A9,\$00,\$85,\$3D,\$A2,\$80,\$AD,\$FF,\$03
57FA	C9FEF00DC9	DB	\$C9,\$FE,\$F0,\$0D,\$C9,\$FA,\$D0,\$03,\$AE,\$7F,\$04,\$8E,\$8A,\$02,\$4C,\$D6
580A	EFC63FA088	DB	\$EF,\$C6,\$3F,\$A0,\$88,\$60,\$A6,\$3D,\$9D,\$00,\$04,\$E6,\$3D,\$A0,\$01,\$E0
581A	7FF00160A9	DB	\$7F,\$F0,\$01,\$60,\$A9,\$FC,\$20,\$D2,\$F0,\$A9,\$00,\$85,\$3D,\$60,\$A0,\$01
582A	60AD890230	DB	\$60,\$AD,\$89,\$02,\$30,\$08,\$A0,\$01,\$A9,\$3C,\$8D,\$02,\$D3,\$60,\$A6,\$3D
583A	F00A8E7F04	DB	\$F0,\$0A,\$8E,\$7F,\$04,\$A9,\$FA,\$20,\$D2,\$F0,\$30,\$EC,\$A2,\$7F,\$A9,\$00
584A	9D0004CA10	DB	\$9D,\$00,\$04,\$CA,\$10,\$FA,\$A9,\$FE,\$20,\$D2,\$F0,\$4C,\$32,\$F0,\$85,\$40
585A	A514186919	DB	\$A5,\$14,\$18,\$69,\$19,\$AA,\$A9,\$FF,\$8D,\$1F,\$D0,\$A9,\$00,\$A0,\$F0,\$88
586A	D0FD8D1FD0	DB	\$D0,\$FD,\$8D,\$1F,\$D0,\$A0,\$F0,\$88,\$D0,\$FD,\$E4,\$14,\$D0,\$E8,\$C6,\$40
587A	F00B8A1869	DB	\$F0,\$0B,\$8A,\$18,\$69,\$08,\$AA,\$E4,\$14,\$D0,\$FC,\$F0,\$D3,\$20,\$8C,\$F0
588A	9860AD25E4	DB	\$98,\$60,\$AD,\$25,\$E4,\$48,\$AD,\$24,\$E4,\$48,\$60,\$8D,\$02,\$03,\$A9,\$00
589A	8D0903A983	DB	\$8D,\$09,\$03,\$A9,\$83,\$8D,\$08,\$03,\$A9,\$03,\$8D,\$05,\$03,\$A9,\$FD,\$8D
58AA	0403A9608D	DB	\$04,\$03,\$A9,\$60,\$8D,\$00,\$03,\$A9,\$00,\$8D,\$01,\$03,\$A9,\$23,\$8D,\$06
58BA	03AD0203A0	DB	\$03,\$AD,\$02,\$03,\$A0,\$40,\$C9,\$52,\$F0,\$02,\$A0,\$80,\$8C,\$03,\$03,\$A5
58CA	3E8D0B0320	DB	\$3E,\$8D,\$0B,\$03,\$20,\$59,\$E4,\$60,\$8D,\$FF,\$03,\$A9,\$55,\$8D,\$FD,\$03

58DA	8DFE03A957	DB	\$8D,\$FE,\$03,\$A9,\$57,\$20,\$95,\$F0,\$60,\$50,\$30,\$E4,\$43,\$40,\$E4,\$45
58EA	00E45310E4	DB	\$00,\$E4,\$53,\$10,\$E4,\$4B,\$20,\$E4,\$7D,\$41,\$54,\$41,\$52,\$49,\$20,\$43
58FA	4F4D505554	DB	\$4F,\$4D,\$50,\$55,\$54,\$45,\$52,\$20,\$2D,\$20,\$4D,\$45,\$4D,\$4F,\$20,\$50
590A	41449B424F	DB	\$41,\$44,\$9B,\$42,\$4F,\$4F,\$54,\$20,\$45,\$52,\$52,\$4F,\$52,\$9B,\$45,\$3A
591A	9B78AD4402	DB	\$9B,\$78,\$AD,\$44,\$02,\$D0,\$04,\$A9,\$FF,\$D0,\$03,\$78,\$A9,\$00,\$85,\$08
592A	D8A2FF9A20	DB	\$D8,\$A2,\$FF,\$9A,\$20,\$3F,\$F2,\$20,\$81,\$F2,\$A5,\$08,\$D0,\$28,\$A9,\$00
593A	A008850485	DB	\$A0,\$08,\$85,\$04,\$85,\$05,\$91,\$04,\$C8,\$C0,\$00,\$D0,\$F9,\$E6,\$05,\$A6
594A	05E406D0F1	DB	\$05,\$E4,\$06,\$D0,\$F1,\$AD,\$72,\$E4,\$85,\$0A,\$AD,\$73,\$E4,\$85,\$0B,\$A9
595A	FF8D4402D0	DB	\$FF,\$8D,\$44,\$02,\$D0,\$13,\$A2,\$00,\$8A,\$9D,\$00,\$02,\$9D,\$00,\$03,\$CA
596A	D0F7A21095	DB	\$D0,\$F7,\$A2,\$10,\$95,\$00,\$E8,\$10,\$FB,\$A9,\$02,\$85,\$52,\$A9,\$27,\$85
597A	53A225BD80	DB	\$53,\$A2,\$25,\$BD,\$80,\$E4,\$9D,\$00,\$02,\$CA,\$10,\$F7,\$20,\$94,\$F2,\$58
598A	A20E8DE3F0	DB	\$A2,\$0E,\$8D,\$E3,\$F0,\$9D,\$1A,\$03,\$CA,\$10,\$F7,\$A2,\$00,\$86,\$07,\$86
599A	06AEE402E0	DB	\$06,\$AE,\$E4,\$02,\$E0,\$90,\$B0,\$0A,\$AD,\$FC,\$9F,\$D0,\$05,\$E6,\$07,\$20
59AA	3CF2AEE402	DB	\$3C,\$F2,\$AE,\$E4,\$02,\$E0,\$B0,\$B0,\$0A,\$AE,\$FC,\$BF,\$D0,\$05,\$E6,\$06
59BA	2039F2A903	DB	\$20,\$39,\$F2,\$A9,\$03,\$A2,\$00,\$9D,\$42,\$03,\$A9,\$18,\$9D,\$44,\$03,\$A9
59CA	F19D4503A9	DB	\$F1,\$9D,\$45,\$03,\$A9,\$0C,\$9D,\$4A,\$03,\$20,\$56,\$E4,\$10,\$03,\$4C,\$25
59DA	F1E8D0FDC8	DB	\$F1,\$E8,\$D0,\$FD,\$C8,\$10,\$FA,\$20,\$B2,\$F3,\$A5,\$06,\$05,\$07,\$F0,\$12
59EA	A506F003AD	DB	\$A5,\$06,\$F0,\$03,\$AD,\$FD,\$BF,\$A6,\$07,\$F0,\$03,\$D0,\$FD,\$9F,\$29,\$01
59FA	F0320CFF2	DB	\$F0,\$03,\$20,\$CF,\$F2,\$A9,\$00,\$8D,\$44,\$02,\$A5,\$06,\$F0,\$0A,\$FD
5A0A	BF2904F003	DB	\$BF,\$29,\$04,\$F0,\$03,\$6C,\$FA,\$BF,\$A5,\$07,\$F0,\$0A,\$AD,\$FD,\$9F,\$29
5A1A	04F00F6CFA	DB	\$04,\$F0,\$DF,\$6C,\$FA,\$9F,\$6C,\$0A,\$00,\$A2,\$F2,\$A0,\$F0,\$20,\$85,\$F3
5A2A	2030F24C2A	DB	\$20,\$30,\$F2,\$4C,\$2A,\$F2,\$AD,\$05,\$E4,\$48,\$AD,\$04,\$E4,\$48,\$60,\$6C
5A3A	FE8F6CFE9F	DB	\$FE,\$BF,\$6C,\$FE,\$9F,\$AD,\$FC,\$BF,\$D0,\$12,\$EE,\$FC,\$BF,\$AD,\$FC,\$BF
5A4A	D00AADFDBF	DB	\$D0,\$0A,\$AD,\$FD,\$BF,\$29,\$80,\$F0,\$03,\$6C,\$FE,\$BF,\$CE,\$FC,\$BF,\$A9
5A5A	008505A910	DB	\$00,\$85,\$05,\$A9,\$10,\$85,\$06,\$A0,\$00,\$B1,\$05,\$85,\$07,\$49,\$FF,\$85
5A6A	049105B105	DB	\$04,\$91,\$05,\$B1,\$05,\$C5,\$04,\$D0,\$0D,\$A5,\$07,\$91,\$05,\$A5,\$06,\$18
5A7A	69108506D0	DB	\$69,\$10,\$85,\$06,\$D0,\$E3,\$60,\$A9,\$00,\$AA,\$9D,\$00,\$D0,\$9D,\$00,\$D4
5A8A	9D00D2AEA	DB	\$9D,\$00,\$D2,\$EA,\$EA,\$EA,\$E8,\$D0,\$F1,\$60,\$C6,\$11,\$A5,\$06,\$8D,\$E4
5A9A	028DE602A9	DB	\$02,\$8D,\$E6,\$02,\$A9,\$00,\$8D,\$E5,\$02,\$A9,\$00,\$8D,\$E7,\$02,\$A9,\$07
5AAA	8DE802200C	DB	\$8D,\$E8,\$02,\$20,\$0C,\$E4,\$20,\$1C,\$E4,\$20,\$2C,\$E4,\$20,\$3C,\$E4,\$20
5ABA	4CE4206EE4	DB	\$4C,\$E4,\$20,\$6E,\$E4,\$20,\$65,\$E4,\$20,\$6B,\$E4,\$AD,\$1F,\$D0,\$29,\$01
5ACA	D002E64A60	DB	\$D0,\$02,\$E6,\$4A,\$60,\$A5,\$08,\$F0,\$0A,\$A5,\$09,\$29,\$01,\$F0,\$03,\$20
5ADA	7EF360A901	DB	\$7E,\$F3,\$60,\$A9,\$01,\$8D,\$01,\$03,\$A9,\$53,\$8D,\$02,\$03,\$20,\$53,\$E4
5AEA	100160A900	DB	\$10,\$01,\$60,\$A9,\$00,\$8D,\$0B,\$03,\$A9,\$01,\$8D,\$0A,\$03,\$A9,\$00,\$8D
5AFA	0403A9048D	DB	\$04,\$03,\$A9,\$04,\$8D,\$05,\$03,\$20,\$9D,\$F3,\$10,\$08,\$20,\$81,\$F3,\$A5
5B0A	4BF0E060A2	DB	\$4B,\$F0,\$E0,\$60,\$A2,\$03,\$BD,\$00,\$04,\$9D,\$40,\$02,\$CA,\$10,\$F7,\$AD
5B1A	42028504AD	DB	\$42,\$02,\$85,\$04,\$AD,\$43,\$02,\$85,\$05,\$AD,\$04,\$04,\$85,\$0C,\$AD,\$05
5B2A	04850DA07F	DB	\$04,\$85,\$0D,\$A0,\$7F,\$B9,\$00,\$04,\$91,\$04,\$88,\$10,\$F8,\$18,\$A5,\$04
5B3A	69808504A5	DB	\$69,\$80,\$85,\$04,\$A5,\$05,\$69,\$00,\$85,\$05,\$CE,\$41,\$02,\$F0,\$11,\$EE
5B4A	0A03209DF3	DB	\$0A,\$03,\$20,\$9D,\$F3,\$10,\$DC,\$20,\$81,\$F3,\$A5,\$4B,\$D0,\$AE,\$F0,\$F2
5B5A	A54BF00320	DB	\$A5,\$4B,\$F0,\$03,\$20,\$9D,\$F3,\$20,\$6C,\$F3,\$B0,\$A0,\$20,\$7E,\$F3,\$E6
5B6A	096018AD42	DB	\$09,\$60,\$18,\$AD,\$42,\$02,\$69,\$06,\$85,\$04,\$AD,\$43,\$02,\$69,\$00,\$85
5B7A	056C04006C	DB	\$05,\$6C,\$04,\$00,\$6C,\$0C,\$00,\$A2,\$0D,\$A0,\$F1,\$8A,\$A2,\$00,\$9D,\$44
5B8A	03989D4503	DB	\$03,\$98,\$9D,\$45,\$03,\$A9,\$09,\$9D,\$42,\$03,\$A9,\$FF,\$9D,\$48,\$03,\$20
5B9A	56E460A54B	DB	\$56,\$E4,\$60,\$A5,\$4B,\$F0,\$03,\$4C,\$7A,\$E4,\$A9,\$52,\$8D,\$02,\$03,\$A9
5BA	018D010320	DB	\$01,\$8D,\$01,\$03,\$20,\$53,\$E4,\$60,\$A5,\$08,\$F0,\$0A,\$A5,\$09,\$29,\$02
5BBA	F00320E1F3	DB	\$F0,\$03,\$20,\$E1,\$F3,\$60,\$A5,\$4A,\$F0,\$1C,\$A9,\$80,\$85,\$3E,\$E6,\$4B
5BCA	207DE42001	DB	\$20,\$7D,\$E4,\$20,\$01,\$F3,\$A9,\$00,\$85,\$4B,\$85,\$4A,\$06,\$09,\$A5,\$0C
5BDA	8502A50D85	DB	\$85,\$02,\$A5,\$0D,\$85,\$03,\$60,\$6C,\$02,\$00,\$A9,\$FF,\$8D,\$FC,\$02,\$AD
5BEA	E60229F085	DB	\$E6,\$02,\$29,\$F0,\$85,\$6A,\$A9,\$40,\$8D,\$BE,\$02,\$60,\$A5,\$2B,\$29,\$0F
5BFA	D008A52A29	DB	\$D0,\$08,\$A5,\$2A,\$29,\$0F,\$85,\$2A,\$A9,\$00,\$85,\$57,\$A9,\$E0,\$8D,\$F4
5C0A	02A9028DF3	DB	\$02,\$A9,\$02,\$8D,\$F3,\$02,\$8D,\$2F,\$02,\$A9,\$01,\$85,\$4C,\$A9,\$C0,\$05
5C1A	1085108D0E	DB	\$10,\$85,\$10,\$8D,\$0E,\$D2,\$A9,\$00,\$8D,\$93,\$02,\$85,\$64,\$85,\$7B,\$8D
5C2A	F002A00EA9	DB	\$F0,\$02,\$A0,\$0E,\$A9,\$01,\$99,\$A3,\$02,\$88,\$10,\$FA,\$A2,\$04,\$BD,\$C1
5C3A	FE9DC402CA	DB	\$FE,\$9D,\$C4,\$02,\$CA,\$10,\$F7,\$A4,\$6A,\$88,\$8C,\$95,\$02,\$A9,\$60,\$8D
5C4A	9402A657BD	DB	\$94,\$02,\$A6,\$57,\$BD,\$69,\$FE,\$D0,\$04,\$A9,\$91,\$85,\$4C,\$85,\$51,\$A5
5C5A	6A8565BC45	DB	\$6A,\$85,\$65,\$BC,\$45,\$FE,\$A9,\$28,\$20,\$21,\$F9,\$88,\$D0,\$F8,\$AD,\$6F

5C6A	02293F8567	DB	\$02,\$29,\$3F,\$85,\$67,\$A8,\$E0,\$08,\$90,\$17,\$8A,\$6A,\$6A,\$6A,\$29,\$C0
5C7A	0567A8A910	DB	\$05,\$67,\$A8,\$A9,\$10,\$20,\$21,\$F9,\$E0,\$0B,\$D0,\$05,\$A9,\$06,\$8D,\$C8
5C8A	028C6F02A5	DB	\$02,\$8C,\$6F,\$02,\$A5,\$64,\$85,\$58,\$A5,\$65,\$85,\$59,\$AD,\$0B,\$D4,\$C9
5C9A	7AD0F9201F	DB	\$7A,\$D0,\$F9,\$20,\$1F,\$F9,\$BD,\$75,\$FE,\$F0,\$06,\$A9,\$FF,\$85,\$64,\$C6
5CAA	65A5648568	DB	\$65,\$A5,\$64,\$85,\$68,\$A5,\$65,\$85,\$69,\$20,\$13,\$F9,\$A9,\$41,\$20,\$17
5CBA	F98666A918	DB	\$F9,\$86,\$66,\$A9,\$18,\$8D,\$BF,\$02,\$A5,\$57,\$C9,\$09,\$B0,\$2D,\$A5,\$2A
5CCA	2910F027A9	DB	\$29,\$10,\$F0,\$27,\$A9,\$04,\$8D,\$BF,\$02,\$A2,\$02,\$A9,\$02,\$20,\$17,\$F9
5CDA	CA10F8A46A	DB	\$CA,\$10,\$F8,\$A4,\$6A,\$88,\$98,\$20,\$17,\$F9,\$A9,\$60,\$20,\$17,\$F9,\$A9
5CEA	422017F918	DB	\$42,\$20,\$17,\$F9,\$18,\$A9,\$0C,\$65,\$66,\$85,\$66,\$A4,\$66,\$BE,\$51,\$FE
5CFA	A5512017F9	DB	\$A5,\$51,\$20,\$17,\$F9,\$F9,\$CA,\$D0,\$F8,\$A5,\$57,\$C9,\$08,\$90,\$1C,\$A2,\$5D
5D0A	A56A38E910	DB	\$A5,\$6A,\$38,\$E9,\$10,\$20,\$17,\$F9,\$A9,\$00,\$20,\$17,\$F9,\$A9,\$4F,\$20
5D1A	17F9A55120	DB	\$17,\$F9,\$A5,\$51,\$20,\$17,\$F9,\$CA,\$D0,\$F8,\$A5,\$59,\$20,\$17,\$F9,\$A5
5D2A	582017F9A5	DB	\$58,\$20,\$17,\$F9,\$A5,\$51,\$09,\$40,\$20,\$17,\$F9,\$A9,\$70,\$20,\$17,\$F9
5D3A	A9702017F9	DB	\$A9,\$70,\$20,\$17,\$F9,\$A5,\$64,\$8D,\$30,\$02,\$A5,\$65,\$8D,\$31,\$02,\$A9
5D4A	702017F9A5	DB	\$70,\$20,\$17,\$F9,\$A5,\$64,\$8D,\$E5,\$02,\$A5,\$65,\$8D,\$E6,\$02,\$A5,\$68
5D5A	8564A56985	DB	\$85,\$64,\$A5,\$69,\$85,\$65,\$AD,\$31,\$02,\$20,\$17,\$F9,\$AD,\$30,\$02,\$20
5D6A	17F9A54C10	DB	\$17,\$F9,\$A5,\$4C,\$10,\$07,\$48,\$20,\$FC,\$F3,\$68,\$A8,\$60,\$A5,\$2A,\$29
5D7A	20D00B20B9	DB	\$20,\$D0,\$0B,\$20,\$B9,\$F7,\$8D,\$90,\$02,\$A5,\$52,\$8D,\$91,\$02,\$A9,\$22
5D8A	0D2F028D2F	DB	\$0D,\$2F,\$02,\$8D,\$2F,\$02,\$4C,\$21,\$F6,\$20,\$96,\$FA,\$20,\$A2,\$F5,\$20
5D9A	32FB20D4F9	DB	\$32,\$FB,\$20,\$D4,\$F9,\$4C,\$34,\$F6,\$20,\$47,\$F9,\$B1,\$64,\$2D,\$A0,\$02
5DAA	466FB0034A	DB	\$46,\$6F,\$B0,\$03,\$4A,\$10,\$F9,\$8D,\$FA,\$02,\$C9,\$00,\$60,\$8D,\$FB,\$02
5DBA	209FAADFB	DB	\$20,\$96,\$FA,\$AD,\$FB,\$02,\$C9,\$7D,\$D0,\$06,\$20,\$B9,\$F7,\$4C,\$21,\$F6
5DCA	ADFB02C99B	DB	\$AD,\$FB,\$02,\$C9,\$9B,\$D0,\$06,\$20,\$30,\$FA,\$4C,\$21,\$F6,\$20,\$E0,\$F5
5DDA	20D8F94C21	DB	\$20,\$D8,\$F9,\$4C,\$21,\$F6,\$AD,\$FF,\$02,\$D0,\$FB,\$A2,\$02,\$B5,\$54,\$95
5DEA	5ACA10F9AD	DB	\$5A,\$CA,\$10,\$F9,\$AD,\$FB,\$02,\$A8,\$2A,\$2A,\$2A,\$2A,\$29,\$03,\$AA,\$98
5DFA	299F1DF6FE	DB	\$29,\$9F,\$1D,\$F6,\$FE,\$8D,\$FA,\$02,\$20,\$47,\$F9,\$AD,\$FA,\$02,\$46,\$6F
5E0A	B0040A4C08	DB	\$B0,\$04,\$0A,\$4C,\$08,\$F6,\$2D,\$A0,\$02,\$85,\$50,\$AD,\$A0,\$02,\$49,\$FF
5E1A	3164055091	DB	\$31,\$64,\$05,\$50,\$91,\$64,\$60,\$20,\$A2,\$F5,\$85,\$5D,\$A6,\$57,\$D0,\$0A
5E2A	AEF002D005	DB	\$AE,\$F0,\$02,\$D0,\$05,\$49,\$80,\$20,\$FF,\$F5,\$A4,\$4C,\$A9,\$01,\$85,\$4C
5E3A	ADFB026020	DB	\$AD,\$FB,\$02,\$60,\$20,\$B3,\$FC,\$20,\$88,\$FA,\$A5,\$6B,\$D0,\$34,\$A5,\$54
5E4A	856CA55585	DB	\$85,\$6C,\$A5,\$55,\$85,\$6D,\$20,\$E2,\$F6,\$84,\$4C,\$AD,\$FB,\$02,\$C9,\$9B
5E5A	F01220ADF6	DB	\$F0,\$12,\$20,\$AD,\$F6,\$20,\$B3,\$FC,\$A5,\$63,\$C9,\$71,\$00,\$03,\$20,\$0A
5E6A	F94C50F620	DB	\$F9,\$4C,\$50,\$F6,\$20,\$E4,\$FA,\$20,\$00,\$FC,\$A5,\$6C,\$85,\$54,\$A5,\$6D
5E7A	8555A56BF0	DB	\$85,\$55,\$A5,\$6B,\$F0,\$11,\$C6,\$6B,\$F0,\$0D,\$A5,\$4C,\$30,\$F8,\$20,\$93
5E8A	F58DFB024C	DB	\$F5,\$8D,\$FB,\$02,\$4C,\$B3,\$FC,\$20,\$30,\$FA,\$A9,\$9B,\$8D,\$FB,\$02,\$20
5E9A	21F6844C4C	DB	\$21,\$F6,\$84,\$4C,\$4C,\$B3,\$FC,\$6C,\$64,\$00,\$8D,\$FB,\$02,\$20,\$B3,\$FC
5EAA	2088FA20E4	DB	\$20,\$88,\$FA,\$20,\$E4,\$FA,\$20,\$8D,\$FC,\$F0,\$09,\$0E,\$A2,\$02,\$20,\$CA
5EBA	F54CB3FCAD	DB	\$F5,\$4C,\$B3,\$FC,\$AD,\$FE,\$02,\$0D,\$A2,\$02,\$D0,\$EF,\$0E,\$A2,\$02,\$E8
5ECA	BDC6FE8564	DB	\$BD,\$C6,\$FE,\$85,\$64,\$BD,\$C7,\$FE,\$85,\$65,\$20,\$A1,\$F6,\$20,\$21,\$F6
5EDA	4CB3FCA9FF	DB	\$4C,\$B3,\$FC,\$A9,\$FF,\$8D,\$FC,\$02,\$A5,\$2A,\$4A,\$B0,\$62,\$A9,\$80,\$A6
5EEA	11F058ADFC	DB	\$11,\$F0,\$58,\$AD,\$FC,\$02,\$C9,\$FF,\$F0,\$EE,\$85,\$7C,\$A2,\$FF,\$8E,\$FC
5EFA	0220D8FCAA	DB	\$02,\$20,\$D8,\$FC,\$AA,\$E0,\$C0,\$90,\$02,\$A2,\$03,\$BD,\$FE,\$FE,\$8D,\$FB
5F0A	02C980F0CE	DB	\$02,\$C9,\$80,\$F0,\$CE,\$C9,\$81,\$D0,\$0B,\$AD,\$B6,\$02,\$49,\$80,\$8D,\$B6
5F1A	024CDDF6C9	DB	\$02,\$4C,\$DD,\$F6,\$C9,\$82,\$D0,\$07,\$A9,\$00,\$8D,\$BE,\$02,\$F0,\$B4,\$C9
5F2A	83D007A940	DB	\$83,\$D0,\$07,\$A9,\$40,\$8D,\$BE,\$02,\$D0,\$A9,\$C9,\$84,\$D0,\$07,\$A9,\$80
5F3A	8DBE02D09E	DB	\$8D,\$BE,\$02,\$D0,\$9E,\$C9,\$85,\$D0,\$0A,\$A9,\$88,\$85,\$4C,\$85,\$11,\$A9
5F4A	9BD026A57C	DB	\$9B,\$D0,\$26,\$A5,\$7C,\$C9,\$40,\$B0,\$15,\$AD,\$FB,\$02,\$C9,\$61,\$90,\$0E
5F5A	C97BB00AAD	DB	\$C9,\$7B,\$B0,\$0A,\$AD,\$BE,\$02,\$F0,\$05,\$05,\$7C,\$4C,\$FE,\$F6,\$20,\$8D
5F6A	FCF009ADFB	DB	\$FC,\$F0,\$09,\$AD,\$FB,\$02,\$4D,\$B6,\$02,\$8D,\$FB,\$02,\$4C,\$34,\$F6,\$A9
5F7A	808DA20260	DB	\$80,\$8D,\$A2,\$02,\$60,\$C6,\$54,\$10,\$06,\$AE,\$BF,\$02,\$CA,\$86,\$54,\$4C
5F8A	5CFCE654A5	DB	\$5C,\$FC,\$E6,\$54,\$A5,\$54,\$CD,\$BF,\$02,\$90,\$F4,\$A2,\$00,\$F0,\$EE,\$C6
5F9A	55A5553004	DB	\$55,\$A5,\$55,\$30,\$04,\$C5,\$52,\$B0,\$04,\$A5,\$53,\$85,\$55,\$4C,\$DD,\$FB
5FAA	E65A555C5	DB	\$E6,\$55,\$A5,\$55,\$C5,\$53,\$90,\$F5,\$F0,\$F3,\$A5,\$52,\$4C,\$A5,\$F7,\$20
5FBA	F3FCA00098	DB	\$F3,\$FC,\$A0,\$00,\$98,\$91,\$64,\$C8,\$D0,\$FB,\$E6,\$65,\$A6,\$65,\$E4,\$6A
5FCA	90F3A9FF99	DB	\$90,\$F3,\$A9,\$FF,\$99,\$B2,\$02,\$C8,\$C0,\$04,\$90,\$F8,\$20,\$E4,\$FC,\$85
5FDA	63856DA900	DB	\$63,\$85,\$6D,\$A9,\$00,\$85,\$54,\$85,\$56,\$85,\$6C,\$60,\$A5,\$63,\$C5,\$52
5FEA	F021A555C5	DB	\$F0,\$21,\$A5,\$55,\$C5,\$52,\$D0,\$03,\$20,\$73,\$FC,\$20,\$99,\$F7,\$A5,\$55

5FFA	C553D007A5	DB	\$C5,\$53,\$D0,\$07,\$A5,\$54,\$F0,\$03,\$20,\$7F,\$F7,\$A9,\$20,\$8D,\$FB,\$02
600A	20E0F54CDD	DB	\$20,\$E0,\$F5,\$4C,\$DD,\$FB,\$20,\$AA,\$F7,\$A5,\$55,\$C5,\$52,\$D0,\$0A,\$20
601A	34FA2020FB	DB	\$34,\$FA,\$20,\$20,\$FB,\$90,\$02,\$B0,\$07,\$A5,\$63,\$20,\$25,\$FB,\$90,\$E6
602A	4CDDFBA563	DB	\$4C,\$DD,\$FB,\$A5,\$63,\$4C,\$06,\$FB,\$A5,\$63,\$4C,\$12,\$FB,\$20,\$9D,\$FC
603A	20A2F5857D	DB	\$20,\$A2,\$F5,\$85,\$7D,\$A9,\$00,\$8D,\$BB,\$02,\$20,\$FF,\$F5,\$A5,\$63,\$48
604A	20DCF968C5	DB	\$20,\$DC,\$F9,\$68,\$C5,\$63,\$B0,\$0C,\$A5,\$7D,\$48,\$20,\$A2,\$F5,\$85,\$7D
605A	684C44F820	DB	\$68,\$4C,\$44,\$F8,\$20,\$A8,\$FC,\$CE,\$BB,\$02,\$30,\$04,\$C6,\$54,\$D0,\$F7
606A	4CDDFB209D	DB	\$4C,\$DD,\$FB,\$20,\$9D,\$FC,\$20,\$47,\$F9,\$A5,\$64,\$85,\$68,\$A5,\$65,\$85
607A	69A5634820	DB	\$69,\$A5,\$63,\$48,\$20,\$D4,\$F9,\$68,\$C5,\$63,\$B0,\$10,\$A5,\$54,\$CD,\$BF
608A	02B00920A2	DB	\$02,\$B0,\$09,\$20,\$A2,\$F5,\$A0,\$00,\$91,\$68,\$F0,\$DA,\$A0,\$00,\$98,\$91
609A	682068FC20	DB	\$68,\$20,\$68,\$FC,\$20,\$A8,\$FC,\$4C,\$DD,\$FB,\$38,\$20,\$7B,\$FB,\$A5,\$52
60AA	85552047F9	DB	\$85,\$55,\$20,\$47,\$F9,\$A5,\$64,\$85,\$68,\$18,\$69,\$28,\$85,\$66,\$A5,\$65
60BA	8569690085	DB	\$85,\$69,\$69,\$00,\$85,\$67,\$A6,\$54,\$E0,\$17,\$F0,\$08,\$20,\$4E,\$FB,\$E8
60CA	E017D0F820	DB	\$E0,\$17,\$D0,\$F8,\$20,\$9B,\$FB,\$4C,\$DD,\$FB,\$20,\$DD,\$FB,\$A4,\$51,\$84
60DA	54A4549838	DB	\$54,\$A4,\$54,\$98,\$38,\$20,\$23,\$FB,\$08,\$98,\$18,\$69,\$78,\$28,\$20,\$04
60EA	FBC8C018D0	DB	\$FB,\$C8,\$C0,\$18,\$D0,\$ED,\$AD,\$B4,\$02,\$09,\$01,\$8D,\$B4,\$02,\$A5,\$52
60FA	85552047F9	DB	\$85,\$55,\$20,\$47,\$F9,\$20,\$B7,\$FB,\$20,\$20,\$FB,\$90,\$D4,\$4C,\$DD,\$FB
610A	A02020D8FC	DB	\$A0,\$20,\$20,\$D8,\$FC,\$88,\$10,\$FA,\$60,\$A9,\$02,\$D0,\$0A,\$A4,\$4C,\$30
611A	2BA0009164	DB	\$2B,\$A0,\$00,\$91,\$64,\$A9,\$01,\$8D,\$9E,\$02,\$A5,\$4C,\$30,\$1E,\$A5,\$64
612A	38ED9E0285	DB	\$38,\$ED,\$9E,\$02,\$85,\$64,\$B0,\$02,\$C6,\$65,\$A5,\$9F,\$C5,\$65,\$90,\$0C
613A	D006A50EC5	DB	\$D0,\$06,\$A5,\$0E,\$C5,\$64,\$90,\$04,\$A9,\$93,\$85,\$4C,\$60,\$A5,\$54,\$48
614A	A55548A556	DB	\$A5,\$55,\$48,\$A5,\$56,\$48,\$20,\$F3,\$FC,\$A5,\$54,\$85,\$66,\$A9,\$00,\$85
615A	67A5660A26	DB	\$67,\$A5,\$66,\$0A,\$26,\$67,\$85,\$51,\$A4,\$67,\$8C,\$9F,\$02,\$0A,\$26,\$67
616A	0A26671865	DB	\$0A,\$26,\$67,\$18,\$65,\$51,\$85,\$66,\$A5,\$67,\$6D,\$9F,\$02,\$85,\$67,\$A6
617A	57BC81FE88	DB	\$57,\$BC,\$81,\$FE,\$88,\$30,\$07,\$06,\$66,\$26,\$67,\$4C,\$7E,\$F9,\$BC,\$A5
618A	FEA555A207	DB	\$FE,\$A5,\$55,\$A2,\$07,\$88,\$30,\$0A,\$CA,\$46,\$56,\$6A,\$6E,\$A1,\$02,\$4C
619A	8FF9C81865	DB	\$8F,\$F9,\$C8,\$18,\$65,\$66,\$85,\$66,\$90,\$02,\$E6,\$67,\$38,\$6E,\$A1,\$02
61AA	18CA10F9AE	DB	\$18,\$CA,\$10,\$F9,\$AE,\$A1,\$02,\$A5,\$66,\$18,\$65,\$64,\$85,\$64,\$85,\$5E
61BA	A567656585	DB	\$A5,\$67,\$65,\$65,\$85,\$65,\$85,\$5F,\$BD,\$B1,\$FE,\$8D,\$A0,\$02,\$85,\$6F
61CA	6885566885	DB	\$68,\$85,\$56,\$68,\$85,\$55,\$68,\$85,\$54,\$60,\$A9,\$00,\$F0,\$02,\$A9,\$9B
61DA	857DE663E6	DB	\$85,\$7D,\$E6,\$63,\$E6,\$55,\$D0,\$02,\$E6,\$56,\$A5,\$55,\$A6,\$57,\$DD,\$8D
61EA	FEF00BE000	DB	\$FE,\$F0,\$0B,\$E0,\$00,\$D0,\$06,\$C5,\$53,\$F0,\$02,\$B0,\$01,\$60,\$E0,\$08
61FA	9004A556F0	DB	\$90,\$04,\$A5,\$56,\$F0,\$F7,\$A5,\$57,\$D0,\$30,\$A5,\$63,\$C9,\$51,\$90,\$0A
620A	A57DF02620	DB	\$A5,\$7D,\$F0,\$26,\$20,\$30,\$FA,\$4C,\$77,\$FA,\$20,\$34,\$FA,\$A5,\$54,\$18
621A	69782025FB	DB	\$69,\$78,\$20,\$25,\$FB,\$90,\$08,\$A5,\$7D,\$F0,\$04,\$18,\$20,\$A5,\$FC,\$4C
622A	DDFBA900F0	DB	\$DD,\$FB,\$A9,\$00,\$F0,\$02,\$A9,\$9B,\$85,\$7D,\$20,\$E4,\$FC,\$A9,\$00,\$85
623A	56E654A657	DB	\$56,\$E6,\$54,\$A6,\$57,\$A0,\$18,\$24,\$7B,\$10,\$05,\$A0,\$04,\$98,\$D0,\$03
624A	BD99FEC554	DB	\$BD,\$99,\$FE,\$C5,\$54,\$D0,\$26,\$8C,\$9D,\$02,\$8A,\$D0,\$20,\$A5,\$7D,\$F0
625A	1CC99B38F0	DB	\$1C,\$C9,\$9B,\$38,\$F0,\$01,\$18,\$20,\$AC,\$FB,\$EE,\$BB,\$02,\$C6,\$6C,\$CE
626A	9D02ADB202	DB	\$9D,\$02,\$AD,\$B2,\$02,\$38,\$10,\$EF,\$AD,\$9D,\$02,\$85,\$54,\$4C,\$DD,\$FB
627A	38B570E574	DB	\$38,\$B5,\$70,\$E5,\$74,\$95,\$70,\$B5,\$71,\$E5,\$75,\$95,\$71,\$60,\$AD,\$BF
628A	02C904F007	DB	\$02,\$C9,\$04,\$F0,\$07,\$A5,\$57,\$F0,\$03,\$20,\$FC,\$F3,\$A9,\$27,\$C5,\$53
629A	B0028553A6	DB	\$B0,\$02,\$85,\$53,\$A6,\$57,\$BD,\$99,\$FE,\$C5,\$54,\$90,\$2A,\$F0,\$28,\$E0
62AA	08D00AA556	DB	\$08,\$D0,\$0A,\$A5,\$56,\$F0,\$13,\$C9,\$01,\$D0,\$1C,\$F0,\$04,\$A5,\$56,\$D0
62BA	16BD8DFEC5	DB	\$16,\$BD,\$8D,\$FE,\$C5,\$55,\$90,\$0F,\$F0,\$0D,\$A9,\$01,\$85,\$4C,\$A9,\$80
62CA	A6118511F0	DB	\$A6,\$11,\$85,\$11,\$F0,\$06,\$60,\$20,\$D6,\$F7,\$A9,\$8D,\$85,\$4C,\$68,\$68
62DA	A57B100320	DB	\$A5,\$7B,\$10,\$03,\$20,\$B9,\$FC,\$4C,\$34,\$F6,\$A0,\$00,\$A5,\$5D,\$91,\$5E
62EA	60482907AA	DB	\$60,\$48,\$29,\$07,\$AA,\$BD,\$B9,\$FE,\$85,\$6E,\$68,\$4A,\$4A,\$4A,\$AA,\$60
62FA	2EB4022EB3	DB	\$2E,\$B4,\$02,\$2E,\$B3,\$02,\$2E,\$B2,\$02,\$60,\$90,\$0C,\$20,\$EB,\$FA,\$BD
630A	A302056E9D	DB	\$A3,\$02,\$05,\$6E,\$9D,\$A3,\$02,\$60,\$20,\$EB,\$FA,\$A5,\$6E,\$49,\$FF,\$3D
631A	A3029DA302	DB	\$A3,\$02,\$9D,\$A3,\$02,\$60,\$A5,\$54,\$18,\$69,\$78,\$20,\$EB,\$FA,\$18,\$BD
632A	A302256EF0	DB	\$A3,\$02,\$25,\$6E,\$F0,\$01,\$38,\$60,\$AD,\$FA,\$02,\$A4,\$57,\$C0,\$03,\$B0
633A	0F2A2A2A2A	DB	\$0F,\$2A,\$2A,\$2A,\$2A,\$29,\$03,\$AA,\$AD,\$FA,\$02,\$29,\$9F,\$1D,\$FA,\$FE
634A	8DFB0260A9	DB	\$8D,\$FB,\$02,\$60,\$A9,\$02,\$85,\$65,\$A9,\$47,\$85,\$64,\$A0,\$27,\$B1,\$66
635A	8550B16891	DB	\$85,\$50,\$B1,\$68,\$91,\$66,\$A5,\$50,\$91,\$64,\$88,\$10,\$F1,\$A5,\$65,\$85
636A	69A5648568	DB	\$69,\$A5,\$64,\$85,\$68,\$18,\$A5,\$66,\$69,\$28,\$85,\$66,\$90,\$02,\$E6,\$67
637A	6008A01798	DB	\$60,\$08,\$A0,\$17,\$98,\$20,\$22,\$FB,\$08,\$98,\$18,\$69,\$79,\$28,\$F2,\$0A

638A	FB883004C4	DB	\$FB,\$88,\$30,\$04,\$C4,\$54,\$B0,\$EC,\$A5,\$54,\$18,\$69,\$78,\$28,\$4C,\$04
639A	FBA5528555	DB	\$FB,\$A5,\$52,\$85,\$55,\$20,\$47,\$F9,\$A0,\$27,\$A9,\$00,\$91,\$64,\$88,\$10
63AA	FB6020FAFA	DB	\$FB,\$60,\$20,\$FA,\$FA,\$A5,\$58,\$85,\$64,\$A5,\$59,\$85,\$65,\$A0,\$28,\$B1
63BA	64A66ACAE4	DB	\$64,\$A6,\$6A,\$CA,\$E4,\$65,\$D0,\$08,\$A2,\$D7,\$E4,\$64,\$80,\$02,\$A9,\$00
63CA	A0009164E6	DB	\$A0,\$00,\$91,\$64,\$E6,\$64,\$D0,\$E5,\$E6,\$65,\$A5,\$65,\$C5,\$6A,\$D0,\$DD
63DA	4CDDFBA900	DB	\$4C,\$DD,\$FB,\$A9,\$00,\$85,\$63,\$A5,\$54,\$85,\$51,\$A5,\$51,\$20,\$22,\$FB
63EA	B00CA56318	DB	\$B0,\$0C,\$A5,\$63,\$18,\$69,\$28,\$85,\$63,\$C6,\$51,\$4C,\$E5,\$FB,\$18,\$A5
63FA	6365558563	DB	\$63,\$65,\$55,\$85,\$63,\$60,\$20,\$9D,\$FC,\$A5,\$63,\$48,\$A5,\$6C,\$85,\$54
640A	A56D8555A9	DB	\$A5,\$6D,\$85,\$55,\$A9,\$01,\$85,\$6B,\$A2,\$17,\$A5,\$7B,\$10,\$02,\$A2,\$03
641A	E454D00BA5	DB	\$E4,\$54,\$D0,\$0B,\$A5,\$55,\$C5,\$53,\$D0,\$05,\$E6,\$6B,\$4C,\$39,\$FC,\$20
642A	D4F9E66BA5	DB	\$D4,\$F9,\$E6,\$6B,\$A5,\$63,\$C5,\$52,\$D0,\$DE,\$C6,\$54,\$20,\$99,\$F7,\$20
643A	A2F5D017C6	DB	\$A2,\$F5,\$D0,\$17,\$C6,\$6B,\$A5,\$63,\$C5,\$52,\$F0,\$0F,\$20,\$99,\$F7,\$A5
644A	55C553D002	DB	\$55,\$C5,\$53,\$D0,\$02,\$C6,\$54,\$A5,\$6B,\$D0,\$E4,\$68,\$85,\$63,\$20,\$A8
645A	FC6020DDFB	DB	\$FC,\$60,\$20,\$DD,\$FB,\$A5,\$51,\$85,\$6C,\$A5,\$52,\$85,\$6D,\$60,\$A5,\$63
646A	C552D002C6	DB	\$C5,\$52,\$D0,\$02,\$C6,\$54,\$20,\$DD,\$FB,\$A5,\$63,\$C5,\$52,\$F0,\$13,\$20
647A	47F9A55338	DB	\$47,\$F9,\$A5,\$53,\$38,\$E5,\$52,\$A8,\$B1,\$64,\$D0,\$06,\$88,\$10,\$F9,\$4C
648A	DBF860A22D	DB	\$DB,\$F8,\$60,\$A2,\$2D,\$BD,\$C6,\$FE,\$CD,\$FB,\$02,\$F0,\$05,\$CA,\$CA,\$CA
649A	10F360A202	DB	\$10,\$F3,\$60,\$A2,\$02,\$B5,\$54,\$9D,\$B8,\$02,\$CA,\$10,\$F8,\$60,\$A2,\$02
64AA	BDB8029554	DB	\$BD,\$B8,\$02,\$95,\$54,\$CA,\$10,\$F8,\$60,\$20,\$B9,\$FC,\$4C,\$34,\$F6,\$AD
64BA	BF02C918F0	DB	\$BF,\$02,\$C9,\$18,\$F0,\$17,\$A2,\$0B,\$B5,\$54,\$48,\$BD,\$90,\$02,\$95,\$54
64CA	689D9002CA	DB	\$68,\$9D,\$90,\$02,\$CA,\$10,\$F1,\$A5,\$7B,\$49,\$FF,\$85,\$7B,\$60,\$A2,\$7F
64DA	8E1FD08E0A	DB	\$8E,\$1F,\$D0,\$8E,\$0A,\$D4,\$CA,\$10,\$F7,\$60,\$A9,\$00,\$A6,\$7B,\$D0,\$04
64EA	A657D002A5	DB	\$A6,\$57,\$D0,\$02,\$A5,\$52,\$85,\$55,\$60,\$A5,\$58,\$85,\$64,\$A5,\$59,\$85
64FA	6560A200A5	DB	\$65,\$60,\$A2,\$00,\$A5,\$22,\$C9,\$11,\$F0,\$08,\$C9,\$12,\$F0,\$03,\$A0,\$84
650A	60E88EB702	DB	\$60,\$E8,\$8E,\$B7,\$02,\$A5,\$54,\$85,\$60,\$A5,\$55,\$85,\$61,\$A5,\$56,\$85
651A	62A9018579	DB	\$62,\$A9,\$01,\$85,\$79,\$85,\$7A,\$38,\$A5,\$60,\$E5,\$5A,\$85,\$76,\$B0,\$00
652A	A9FF8579A5	DB	\$A9,\$FF,\$85,\$79,\$A5,\$76,\$49,\$FF,\$18,\$69,\$01,\$85,\$76,\$38,\$A5,\$61
653A	E55B8577A5	DB	\$E5,\$5B,\$85,\$77,\$A5,\$62,\$E5,\$5C,\$85,\$78,\$B0,\$16,\$A9,\$FF,\$85,\$7A
654A	A57749FF85	DB	\$A5,\$77,\$49,\$FF,\$85,\$77,\$A5,\$78,\$49,\$FF,\$85,\$78,\$E6,\$77,\$D0,\$02
655A	E678A202A0	DB	\$E6,\$78,\$A2,\$02,\$A0,\$00,\$84,\$73,\$98,\$95,\$70,\$B5,\$5A,\$95,\$54,\$CA
656A	10F6A577E8	DB	\$10,\$F6,\$A5,\$77,\$E8,\$A8,\$A5,\$78,\$85,\$7F,\$85,\$75,\$D0,\$0B,\$A5,\$77
657A	C576B005A5	DB	\$C5,\$76,\$B0,\$05,\$A5,\$76,\$A2,\$02,\$A8,\$98,\$85,\$7E,\$85,\$74,\$48,\$A5
658A	754A686A95	DB	\$75,\$4A,\$68,\$6A,\$95,\$70,\$A5,\$7E,\$05,\$7F,\$D0,\$03,\$4C,\$42,\$FE,\$18
659A	A570657685	DB	\$A5,\$70,\$65,\$76,\$85,\$70,\$90,\$02,\$E6,\$71,\$A5,\$71,\$C5,\$75,\$90,\$14
65AA	D006A570C5	DB	\$D0,\$06,\$A5,\$70,\$C5,\$74,\$90,\$0C,\$18,\$A5,\$54,\$65,\$79,\$54,\$A2
65BA	00207AFA18	DB	\$00,\$20,\$7A,\$FA,\$18,\$A5,\$72,\$65,\$77,\$85,\$72,\$A5,\$73,\$65,\$78,\$85
65CA	73C5759027	DB	\$73,\$C5,\$75,\$90,\$27,\$D0,\$06,\$A5,\$72,\$C5,\$74,\$90,\$1F,\$24,\$7A,\$10
65DA	10C655A555	DB	\$10,\$C6,\$55,\$A5,\$55,\$C9,\$FF,\$D0,\$0E,\$A5,\$56,\$F0,\$0A,\$C6,\$56,\$10
65EA	06E655D002	DB	\$06,\$E6,\$55,\$D0,\$02,\$E6,\$56,\$A2,\$02,\$20,\$7A,\$FA,\$20,\$96,\$FA,\$20
65FA	E0F5ADB702	DB	\$E0,\$F5,\$AD,\$B7,\$02,\$F0,\$2F,\$20,\$9D,\$FC,\$AD,\$FB,\$02,\$8D,\$BC,\$02
660A	A5544820DC	DB	\$A5,\$54,\$48,\$20,\$DC,\$F9,\$68,\$85,\$54,\$20,\$96,\$FA,\$20,\$A2,\$F5,\$D0
661A	0CADFD028D	DB	\$0C,\$AD,\$FD,\$02,\$8D,\$FB,\$02,\$20,\$E0,\$F5,\$4C,\$0A,\$FE,\$AD,\$BC,\$02
662A	8DFB0220A8	DB	\$8D,\$FB,\$02,\$20,\$A8,\$FC,\$38,\$A5,\$7E,\$E9,\$01,\$85,\$7E,\$A5,\$7F,\$E9
663A	00857F3003	DB	\$00,\$85,\$7F,\$30,\$03,\$4C,\$90,\$FD,\$4C,\$34,\$F6,\$18,\$10,\$0A,\$0A,\$10
664A	1C3464C4C4	DB	\$1C,\$34,\$64,\$C4,\$C4,\$C4,\$C4,\$17,\$17,\$0B,\$17,\$2F,\$2F,\$5F,\$5F,\$61
665A	6161611313	DB	\$61,\$61,\$61,\$13,\$13,\$09,\$13,\$27,\$27,\$4F,\$4F,\$41,\$41,\$41,\$41,\$00
666A	060708090A	DB	\$06,\$07,\$08,\$09,\$0A,\$0B,\$0D,\$0F,\$0F,\$0F,\$0F,\$00,\$00,\$00,\$00,\$00
667A	0000010101	DB	\$00,\$00,\$01,\$01,\$01,\$01,\$01,\$02,\$01,\$01,\$01,\$00,\$00,\$01,\$01,\$02,\$02
668A	0202022814	DB	\$02,\$02,\$02,\$28,\$14,\$14,\$28,\$50,\$50,\$A0,\$A0,\$40,\$50,\$50,\$50,\$18
669A	180C183030	DB	\$18,\$0C,\$18,\$30,\$30,\$60,\$60,\$C0,\$C0,\$C0,\$C0,\$00,\$00,\$00,\$02,\$03
66AA	0203020301	DB	\$02,\$03,\$02,\$03,\$01,\$01,\$01,\$00,\$FF,\$F0,\$0F,\$C0,\$30,\$0C,\$03,\$80
66BA	4020100804	DB	\$40,\$20,\$10,\$08,\$04,\$02,\$01,\$28,\$CA,\$94,\$46,\$00,\$1B,\$79,\$F7,\$1C
66CA	7FF71D8CF7	DB	\$7F,\$F7,\$1D,\$8C,\$F7,\$1E,\$99,\$F7,\$1F,\$AA,\$F7,\$7D,\$B9,\$F7,\$7E,\$E6
66DA	F77F10F89B	DB	\$F7,\$7F,\$10,\$F8,\$9B,\$30,\$FA,\$9C,\$D4,\$F8,\$9D,\$A4,\$F8,\$9E,\$32,\$F8
66EA	9F2DF8FD0A	DB	\$9F,\$2D,\$F8,\$FD,\$0A,\$F9,\$FE,\$6D,\$F8,\$FF,\$37,\$F8,\$40,\$00,\$20,\$60
66FA	204000606C	DB	\$20,\$40,\$00,\$60,\$6C,\$6A,\$3B,\$80,\$80,\$6B,\$2B,\$2A,\$6F,\$80,\$70,\$75
670A	9B692D3D76	DB	\$9B,\$69,\$2D,\$3D,\$76,\$80,\$63,\$80,\$80,\$62,\$78,\$7A,\$34,\$80,\$33,\$36

671A	1B3532312C	DB	\$1B,\$35,\$32,\$31,\$2C,\$20,\$2E,\$6E,\$80,\$6D,\$2F,\$81,\$72,\$80,\$65,\$79
672A	7F74777139	DB	\$7F,\$74,\$77,\$71,\$39,\$80,\$30,\$37,\$7E,\$38,\$3C,\$3E,\$66,\$68,\$64,\$80
673A	826773614C	DB	\$82,\$67,\$73,\$61,\$4C,\$4A,\$3A,\$80,\$80,\$4B,\$5C,\$5E,\$4F,\$80,\$50,\$55
674A	9B495F7C56	DB	\$9B,\$49,\$5F,\$7C,\$56,\$80,\$43,\$80,\$80,\$42,\$58,\$5A,\$24,\$80,\$23,\$26
675A	1B2522215B	DB	\$1B,\$25,\$22,\$21,\$5B,\$20,\$5D,\$4E,\$80,\$4D,\$3F,\$81,\$52,\$80,\$45,\$59
676A	9F54575128	DB	\$9F,\$54,\$57,\$51,\$28,\$80,\$29,\$27,\$9C,\$40,\$7D,\$9D,\$46,\$48,\$44,\$80
677A	834753410C	DB	\$83,\$47,\$53,\$41,\$0C,\$0A,\$7B,\$80,\$80,\$0B,\$1E,\$1F,\$0F,\$80,\$10,\$15
678A	9B091C1D16	DB	\$9B,\$09,\$1C,\$1D,\$16,\$80,\$03,\$80,\$80,\$02,\$18,\$1A,\$80,\$80,\$85,\$80
679A	1B80FD8000	DB	\$1B,\$80,\$FD,\$80,\$00,\$20,\$60,\$0E,\$80,\$0D,\$80,\$81,\$12,\$80,\$05,\$19
67AA	9E14171180	DB	\$9E,\$14,\$17,\$11,\$80,\$80,\$80,\$80,\$FE,\$80,\$7D,\$FF,\$06,\$08,\$04,\$80
67BA	84071301AD	DB	\$84,\$07,\$13,\$01,\$AD,\$09,\$D2,\$CD,\$F2,\$02,\$D0,\$05,\$AD,\$F1,\$02,\$D0
67CA	20AD09D2C9	DB	\$20,\$AD,\$09,\$D2,\$C9,\$9F,\$D0,\$0A,\$AD,\$FF,\$02,\$49,\$FF,\$8D,\$FF,\$02
67DA	B00F8DFC02	DB	\$B0,\$0F,\$8D,\$FC,\$02,\$8D,\$F2,\$02,\$A9,\$03,\$8D,\$F1,\$02,\$A9,\$00,\$85
67EA	4DA9308D2B	DB	\$4D,\$A9,\$30,\$8D,\$2B,\$02,\$68,\$40,\$FF,\$FF,\$FF,\$FF,\$FF,\$FF,\$D6,\$57
67FA	B4E777E4F3	DB	\$B4,\$E7,\$77,\$E4,\$F3,\$E6

6800 RAMEND
 6800 END RAMLOAD

no ERRORS, 177 Labels, \$8189 free.

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?Q0003 3D6C
?Q0004 3D95
?Q0005 3DBE
?Q0006 3DE7
?Q0007 3E10
?Q0008 3E39
?Q0009 CF38
?X000A CF7B
?X000B CF98
?X000C CFB9
?Y000A CF88
?Y000B CFA5
?Y000C CFC6
?Z0003 3D59
?Z0004 3D82
?Z0005 3DAB
?Z0006 3DD4
?Z0007 3DFD
?Z0008 3E26
?Z0009 CF25
ABORT 0749       3#53     4/11
ACTDEV CE41     43/38   44#10
ALIGN mac       2#52     20/15     41/19    46/11
ALTSCR 0803     4/30     4/32     6# 7
BOOTS0 3B70     3/15     39#12
s CARTCK 03EB   42/32   44/55
CARTIN 3B52     38#52   38/54     41/29
s CHACT 02F3    40/37   40/45
s CIOV E456     3/43     5/13
COLDIN CF6E     43/12   45#34
s COLDSV E477   5/27     42/61
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   42/12   42/12   42/13   42/13   42/14
42/14   44/52
n CPYRT CFD1    45#57
s CRITIC 0042   43/30   43/58
CRTLEN 0012     38#54   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   42/12
42/12   42/12   42/12   42/13   42/13   42/13   42/13   42/13   42/14   42/14   42/14   42/14
44/52   44/52
DLI 3C1A       39/23   39/25   40#53
    
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	DLINK1	1065	7/16	7#33															
	DLINK2	1045	20/20	20#31															
	DLIOUT	3C24	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	45/34	45/34	45/34	45/34	45/38	45/38	45/38	45/38	45/38	45/43	45/43	45/43					
45/43	DOSIO	CE27	43/35	43/39	43#53														
	DSCAN1	CF8B	43/ 8	45#38															
	DSCAN2	CFAC	43/ 9	45#43															
s	DSKINV	E453	5/33																
s	DSTATS	0303	43/59	43/60															
s	DUNIT	0301	5/32	43/31	43/56														
	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	3C26	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	42/30	44/53															
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															
	IFDEV	CE39	44# 7	44/11															
s	IRQEN	D20E	41/46																
	LINER	07AA	3/55	4/18	5# 6														
	LINER1	07B4	5#11	5/22															
s	LMARGN	0052	3/30	45/13															
s	LNBRAM	CD00	42/53	42/55															
s	MLCNT	0088	3/46	4/33	4/43	5/21	5/47	39/55											
s	MOVLIN	FB4E	42/54	42/56															
s	NMIEN	D40E	39/15	39/41	41/45														
	NOCART	3D15	41#29	41/31															
	NXTIO1	CE0F	43#38	43/45															
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	4000	42/ 9	42/ 9	48# 5														
s	OSTYPE	FCD8	3/47																
	PATCH	mac	2#24	42/ 9	42/10	42/11	42/12	42/13	42/14	44/52									
n	PATCLD	3E78	43#12																
n	PATDIN	3E7E	43#14																
n	PATIRQ	3E6C	43# 8																
n	PATNMI	3E6F	43# 9																
	PATPIO	3E7B	42/12	42/12	43#13														
	PATROJ	3E72	42/13	42/13	43#10														
	PATSIZ	3E75	42/14	42/14	43#11														
	PBILOD	CF51	45# 7	45/10															

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PC0COD 3EE0      42/11  42/11  44#25  46/ 5
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