

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

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:	XLPALSA.PRT
Title of document:	Atari Translator, Version 3, Configured for PAL TV systems, Side A
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
Status:	Ready
Reference (Atari):	(unknown)
Reference (Laurent Delsarte):	For any discussion, this PDF has been given the reference BKUP-1984-02-01-SOFT-0005A-A 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 A

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

```
0001      ; =====  
      ;  
      ; 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  
      ;  
      ; =====
```

```

0001          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

= 0001      RESET    SET      *0      ;Set conditional assembly parameter
            INCLUDE  D2:XLBOOT.ASM
  
```

0001

```

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

0001 = 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

```

```

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. ==>

```

```

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
    
```

```

*
* 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
*
    
```

```

* ROW 13
*
11F7 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
11FF 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
1207 000D33D33D DB $00,$0D,$33,$D3,$3D,$33,$D0,$00
120F 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
1217 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00

* ROW 14
*
121F 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
1227 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
122F 000C33C33C DB $00,$0C,$33,$C3,$3C,$33,$C0,$00
1237 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
123F 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00

* ROW 15
*
1247 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
124F 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
1257 00BC44C44C DB $00,$BC,$44,$C4,$4C,$44,$CB,$00
125F 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
1267 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00

* ROW 16
*
126F 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
1277 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
127F 00C44CC44C DB $00,$C4,$4C,$C4,$4C,$C4,$4C,$00
1287 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
128F 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00

* ROW 17
*
1297 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
129F 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
12A7 00B44BB44B DB $00,$B4,$4B,$B4,$4B,$B4,$4B,$00
12AF 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
12B7 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00

* ROW 18
*
12BF 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
12C7 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
12CF 00B55BB55B DB $00,$B5,$5B,$B5,$5B,$B5,$5B,$00
12D7 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
12DF 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00

* ROW 19
*
12E7 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
12EF 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
12F7 00B55BB55B DB $00,$B5,$5B,$B5,$5B,$B5,$5B,$00
12FF 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00
1307 0000000000 DB $00,$00,$00,$00,$00,$00,$00,$00

* ROW 20
    
```

```

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

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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 3C0CC0CDDD      DB      $3C,$0C,$C0,$CD,$DD,$C0,$3C,$00
1C7F C3C0CC0C30      DB      $C3,$C0,$CC,$0C,$30,$3C,$30,$0C
1C87 DDDC0003C3      DB      $DD,$DC,$00,$03,$C3,$00,$0C,$DD
1C8F DC03C0CC00      DB      $DC,$03,$C0,$CC,$00,$00,$00,$00
*
* ROW 97
*
1C97 0000000000      DB      $00,$00,$00,$00,$00,$3D,$30,$00
1C9F 3D0CC0DDDD      DB      $3D,$0C,$C0,$DD,$DD,$D0,$3D,$00
1CA7 A3D0CC0D20      DB      $A3,$D0,$CC,$0D,$20,$3D,$BB,$0D
1CAF DDDD0003D3      DB      $DD,$DD,$00,$03,$D3,$00,$0D,$DD
1CB7 DD03D0CC00      DB      $DD,$03,$D0,$CC,$00,$00,$00,$00
*
* ROW 98
*
1CBF 0000000000      DB      $00,$00,$00,$00,$00,$2D,$20,$00
1CC7 2D0DC0D232      DB      $2D,$0D,$C0,$D2,$32,$D0,$2D,$00
1CCF A2D0CC0D20      DB      $A2,$D0,$CC,$0D,$20,$2D,$BB,$0D
1CD7 232D0002D2      DB      $23,$2D,$00,$02,$D2,$00,$0F,$FF
1CDF FF02D0DC00      DB      $FF,$02,$D0,$DC,$00,$00,$00,$00
*
* ROW 99
*
1CE7 0000000000      DB      $00,$00,$00,$00,$00,$2D,$20,$00
1CEF 2D0DC0D202      DB      $2D,$0D,$C0,$D2,$02,$D0,$2D,$00
1CF7 B2D0DDDD20      DB      $B2,$D0,$DD,$DD,$20,$2E,$EC,$0D
1CFF 202D0002D2      DB      $20,$2D,$00,$02,$D2,$00,$0F,$FF
1D07 FF02D0DC00      DB      $FF,$02,$D0,$DC,$00,$00,$00,$00
*
* ROW 100
*
1D0F 0000000000      DB      $00,$00,$00,$00,$00,$2E,$20,$00
    
```

```

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

```

```

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

1DFF = 1DFF          ORG      *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# 0008088008      DB      $00,$08,$08,$80,$00,$80,$00,$00
*
* ROW 40
*

```

```

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

```
12F7# 00F0FF000F    DB    $00,$F0,$FF,$00,$0F,$0F,$F0,$00
12FF# 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# 9000009909      DB      $90,$00,$00,$99,$09,$99,$00,$00
1447# 9900090009      DB      $99,$00,$09,$00,$09,$99,$00,$90
144F# 0099099000      DB      $00,$99,$09,$90,$00,$90,$00,$00
*
* ROW 60
*
1457# 0000000099      DB      $00,$00,$00,$00,$99,$90,$09,$90
145F# 0090990009      DB      $00,$90,$99,$00,$09,$09,$90,$00
1467# 9000009909      DB      $90,$00,$00,$99,$09,$99,$00,$00
146F# 9900090009      DB      $99,$00,$09,$00,$09,$99,$00,$90
1477# 0099099000      DB      $00,$99,$09,$90,$00,$90,$00,$00
*
* ROW 61
*
147F# 0000000088      DB      $00,$00,$00,$00,$88,$80,$08,$80
1487# 0080880008      DB      $00,$80,$88,$00,$08,$08,$80,$00
148F# 8000008808      DB      $80,$00,$00,$88,$08,$88,$00,$00
1497# 8800080008      DB      $88,$00,$08,$00,$08,$88,$00,$80
149F# 0088088000      DB      $00,$88,$08,$80,$00,$80,$00,$00
*
* ROW 62
*
14A7# 0000000088      DB      $00,$00,$00,$00,$88,$80,$08,$80
14AF# 0080880008      DB      $00,$80,$88,$00,$08,$08,$80,$00
14B7# 8000008808      DB      $80,$00,$00,$88,$08,$88,$00,$00
14BF# 8800080008      DB      $88,$00,$08,$00,$08,$88,$00,$80
14C7# 0088088000      DB      $00,$88,$08,$80,$00,$80,$00,$00
*
* ROW 63
*
14CF# 0000000077      DB      $00,$00,$00,$00,$77,$70,$07,$70
14D7# 0070770007      DB      $00,$70,$77,$00,$07,$07,$70,$00
14DF# 7000007707      DB      $70,$00,$00,$77,$07,$77,$00,$00
14E7# 7700070007      DB      $77,$00,$07,$00,$07,$77,$00,$70
14EF# 0077077000      DB      $00,$77,$07,$70,$00,$70,$00,$00
*
* ROW 64
*
14F7# 0000000077      DB      $00,$00,$00,$00,$77,$70,$07,$70
14FF# 0070770007      DB      $00,$70,$77,$00,$07,$07,$70,$00
1507# 7000007707      DB      $70,$00,$00,$77,$07,$77,$00,$00
150F# 7700070007      DB      $77,$00,$07,$00,$07,$77,$00,$70
1517# 0077077000      DB      $00,$77,$07,$70,$00,$70,$00,$00
*
* ROW 65
*
151F# 0000000066      DB      $00,$00,$00,$00,$66,$60,$06,$60
1527# 0060660006      DB      $00,$60,$66,$00,$06,$06,$60,$00
152F# 6000006600      DB      $60,$00,$00,$66,$06,$66,$00,$00
    
```

```

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

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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# B00BBBB00B      DB      $B0,$0B,$BB,$B0,$0B,$00,$00,$00
1807# 0BBBB00BBB      DB      $0B,$BB,$B0,$0B,$BB,$BB,$B0,$BB
180F# BBBB0BBBBB      DB      $BB,$BB,$0B,$BB,$BB,$00,$00,$00
*
1817# = 2617          ORG      *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 22222EEEEEE      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 22222EEEEEE      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 22222DDDDDD      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 33333DDDDDD      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 33333DDDDDD      DB      $33,$33,$3D,$DD,$DD,$DD,$33,$33
319E 3000000000      DB      $30,$00,$00,$00,$00,$00,$00,$00
31A6 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$00
      *
      * ROW 107
      *
31AE 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$00
31B6 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$00
31BE 44444CCCCC      DB      $44,$44,$4C,$CC,$CC,$CC,$44,$44
31C6 4000000000      DB      $40,$00,$00,$00,$00,$00,$00,$00
31CE 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$00
      *
      * ROW 108
      *
31D6 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$00
31DE 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$00
31E6 44444CCCCC      DB      $44,$44,$4C,$CC,$CC,$CC,$44,$44
31EE 4000000000      DB      $40,$00,$00,$00,$00,$00,$00,$00
    
```

```

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

```

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

```

* ROW 123
*
342E 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$FF
3436 FFF1111111      DB      $FF,$F1,$11,$11,$11,$FF,$FF,$F0
343E AAAAA66666      DB      $AA,$AA,$A6,$66,$66,$66,$AA,$AA
3446 A0FFFFF111      DB      $A0,$FF,$FF,$F1,$11,$11,$11,$FF
344E FFF0000000      DB      $FF,$F0,$00,$00,$00,$00,$00,$00

*
* ROW 124
*
3456 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$EE
345E EEE1111111      DB      $EE,$E1,$11,$11,$11,$EE,$EE,$E0
3466 AAAAA66666      DB      $AA,$AA,$A6,$66,$66,$66,$AA,$AA
346E A0EEEEEE111      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 B0EEEEEE222      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 B0EEEEEE222      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 B0DDDDDD222      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 C0DDDDDD333      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 C0DDDDDD333      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 CCC444444    DB    $CC,$C4,$44,$44,$44,$CC,$CC,$C0
355E CCCC44444    DB    $CC,$CC,$C4,$44,$44,$44,$CC,$CC
355E C0CCCC444    DB    $C0,$CC,$CC,$C4,$44,$44,$44,$CC
356E CCC000000    DB    $CC,$C0,$00,$00,$00,$00,$00,$00
*
* ROW 131
*
356E 000000000    DB    $00,$00,$00,$00,$00,$00,$00,$00,$CC
357E CCC444444    DB    $CC,$C4,$44,$44,$44,$CC,$CC,$C0
357E DDDDD333333    DB    $DD,$DD,$D3,$33,$33,$33,$DD,$DD
358E D0CCCC444    DB    $D0,$CC,$CC,$C4,$44,$44,$44,$CC
358E CCC000000    DB    $CC,$C0,$00,$00,$00,$00,$00,$00
*
* ROW 132
*
359E 000000000    DB    $00,$00,$00,$00,$00,$00,$00,$00,$CC
359E CCC444444    DB    $CC,$C4,$44,$44,$44,$CC,$CC,$C0
35A6 DDDDD333333    DB    $DD,$DD,$D3,$33,$33,$33,$DD,$DD
35AE D0CCCC444    DB    $D0,$CC,$CC,$C4,$44,$44,$44,$CC
35B6 CCC000000    DB    $CC,$C0,$00,$00,$00,$00,$00,$00
*
* ROW 133
*
35BE 000000000    DB    $00,$00,$00,$00,$00,$00,$00,$00,$BB
35C6 BBB55555555    DB    $BB,$B5,$55,$55,$55,$BB,$BB,$B0
35CE DDDDD222222    DB    $DD,$DD,$D2,$22,$22,$22,$DD,$DD
35D6 D0BBBBB5555    DB    $D0,$BB,$BB,$B5,$55,$55,$55,$BB
35DE BBB000000    DB    $BB,$B0,$00,$00,$00,$00,$00,$00
*
* ROW 134
*
35E6 000000000    DB    $00,$00,$00,$00,$00,$00,$00,$00,$BB
35EE BBB55555555    DB    $BB,$B5,$55,$55,$55,$BB,$BB,$B0
35F6 EEEEE222222    DB    $EE,$EE,$E2,$22,$22,$22,$EE,$EE
35FE E0BBBBB5555    DB    $E0,$BB,$BB,$B5,$55,$55,$55,$BB
3606 BBB000000    DB    $BB,$B0,$00,$00,$00,$00,$00,$00
*
* ROW 135
*
360E 000000000    DB    $00,$00,$00,$00,$00,$00,$00,$00,$BB
3616 BBB66666666    DB    $BB,$B6,$66,$66,$66,$BB,$BB,$B0
361E EEEEE222222    DB    $EE,$EE,$E2,$22,$22,$22,$EE,$EE
3626 E0BBBBB6666    DB    $E0,$BB,$BB,$B6,$66,$66,$66,$BB
362E BBB000000    DB    $BB,$B0,$00,$00,$00,$00,$00,$00
*
* ROW 136
*
3636 000000000    DB    $00,$00,$00,$00,$00,$00,$00,$00,$AA
363E AAA66666666    DB    $AA,$A6,$66,$66,$66,$AA,$AA,$A0
3646 EEEEE111111    DB    $EE,$EE,$E1,$11,$11,$11,$EE,$EE
364E E0AAAAA6666    DB    $E0,$AA,$AA,$A6,$66,$66,$66,$AA
3656 AAA000000    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 00444444CC      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 00444444CC      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 00444444CC      DB      $00,$44,$44,$4C,$CC,$CC,$CC,$44
38FE 4440000000      DB      $44,$40,$00,$00,$00,$00,$00,$00
*
* ROW 154
*
3906 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$33
390E 333DDDDDDD      DB      $33,$3D,$DD,$DD,$DD,$33,$33,$30
3916 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$00
391E 0033333DDD      DB      $00,$33,$33,$3D,$DD,$DD,$DD,$33
3926 3330000000      DB      $33,$30,$00,$00,$00,$00,$00,$00
*
* ROW 155
*
392E 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$33
3936 333DDDDDDD      DB      $33,$3D,$DD,$DD,$DD,$33,$33,$30
393E 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$00
3946 0033333DDD      DB      $00,$33,$33,$3D,$DD,$DD,$DD,$33
394E 3330000000      DB      $33,$30,$00,$00,$00,$00,$00,$00
*
* ROW 156
*
3956 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$22
395E 222DDDDDDD      DB      $22,$2D,$DD,$DD,$DD,$22,$22,$20
3966 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$00
396E 0022222DDD      DB      $00,$22,$22,$2D,$DD,$DD,$DD,$22
3976 2220000000      DB      $22,$20,$00,$00,$00,$00,$00,$00
*
* ROW 157
*
397E 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$22
3986 222EEEEEEE      DB      $22,$2E,$EE,$EE,$EE,$22,$22,$20
398E 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$00
3996 0022222EEE      DB      $00,$22,$22,$2E,$EE,$EE,$EE,$22
399E 2220000000      DB      $22,$20,$00,$00,$00,$00,$00,$00
*
* ROW 158
*
39A6 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$22
39AE 222EEEEEEE      DB      $22,$2E,$EE,$EE,$EE,$22,$22,$20
39B6 0000000000      DB      $00,$00,$00,$00,$00,$00,$00,$00
    
```

```

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

```

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

3A6E 42 SSTXT DB $42
3A6F 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 A958      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      VBCLOK      ;Bump the flash counter
3BD3 A58A      LDA      TXTFLG
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      TXTFLG      ; Set text-on-display flag
3BE8 A901      LDA      #1          ; Set long interval to first blink
3BEA 858C      STA      VBCLOK      ; Initialize blink rate
; Else, since text window active, then

3BEC A58C      VBFLSH  LDA      VBCLOK
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      VBCLOK      ; 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      VBCLOK      ; 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      TXTFLG
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
3D36 8D0ED2    STA    IRQEN    ;Disable all interrupts

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

      = 0001      IF      RESET          ;If [RESET] processing enabled, then

3E39      PATCH  $E71F,PATIRQ,3        ; Low-level IRQ watchdog patch
3E62      PATCH  $E7CE,PATNMI,3        ; Immediate VBLANK watchdog patch
3E8B      PATCH  $F366,PATCLD,3        ; Single boot sector fix
3EB4      PATCH  $F37E,PATDIN,3        ; Repoint JMP (DOSINI) to ours

      ENDIF          ;Endif

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

3EE1  ADFA03      LDA      GINTLK        ;Save Cartridge interlock flags
3EE4  8DCCCF      STA      SVINTLK
3EE7  ADEB03      LDA      CARTCK        ;Save Cartridge checksum (if needed)
3EEA  8DCDCF      STA      SVCRTCK

3EED  A202          LD      #2          ;Save XL 0.S. power-up test bytes
3EEF  BD3D03      RECON  LDA      PUPBT1,X
3EF2  9DCECF      STA      SVPUCHK,X    ;for WARM START power-up check in XL
3EF5  CA          DEX          ;(these are restored in TROJAN)
3EF6  10F7 ^3EEF BPL      RECON

;      Save some Parallel Bus control variables -----
3EF8  A209          LD      #9
3EFA  BD4702      PBISAV LDA      PDVMSK,X ;to be restored after page 3 is cleared
3EFD  9D55CE      STA      SVPBI,X
3F00  CA          DEX
3F01  10F7 ^3EFA  BPL      PBISAV

;      Relocate LINBUF into 'safe' RAM -----
3F03  A9CD          LDA      #high LNBRAM ;to avoid clash with PBI variables
3F05  8D4FFB      STA      MOVLIN+1
3F08  A900          LDA      #Low LNBRAM
3F0A  8D53FB      STA      MOVLIN+5

;      Finally, startup the RAM-based O.S. -----
3F0D  4C77E4      JMP      COLDSV        ;Invoke PAL (A) O.S. COLD START

```



```

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# = 3F84    ORG    *0
          = 005F  PIOLEN  EQU    * - PIOC0D0E

3F84      PC0C0D0E
3F84 = 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      SVPORNB 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# = 4083      ORG    *0

```

```
    = 00FF      PC0LEN EQU      * - PC0CODE
                ;
                ;
                ;      This ends the code stored in $Cxxx -----+
4083           ALIGN
                INCLUDE D2:OSPAL.ASM
```

4100

```

;
; -----
; 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
; -----
;

```

```

4100          OS0BJ
4100 20A1DB20BB DB $20,$A1,$DB,$20,$BB,$DB,$B0,$39,$A2,$ED
410A A0042048DA DB $A0,$04,$20,$48,$DA,$A2,$FF,$86,$F1,$20,$44,$DA,$F0,$04,$A9,$FF
411A 85F02094DB DB $85,$F0,$20,$94,$DB,$B0,$21,$48,$A6,$D5,$D0,$11,$20,$EB,$DB,$68
412A 05D985D9A6 DB $05,$D9,$85,$D9,$A6,$F1,$30,$E6,$E8,$86,$F1,$D0,$E1,$68,$A6,$F1
413A 1002E6ED4C DB $10,$02,$E6,$ED,$4C,$18,$D8,$60,$C9,$2E,$F0,$14,$C9,$45,$F0,$19
414A A6F0D068C9 DB $A6,$F0,$D0,$68,$C9,$2B,$F0,$C6,$C9,$2D,$F0,$00,$85,$EE,$F0,$BE
415A A6F11058E8 DB $A6,$F1,$10,$58,$E8,$86,$F1,$F0,$B5,$A5,$F2,$85,$EC,$20,$94,$DB
416A B037AAA5ED DB $B0,$37,$AA,$A5,$ED,$48,$86,$ED,$20,$94,$DB,$B0,$17,$48,$A5,$ED
417A 0A85ED0A0A DB $0A,$85,$ED,$0A,$0A,$65,$ED,$85,$ED,$68,$18,$65,$ED,$85,$ED,$A4
418A F2209DDBA5 DB $F2,$20,$9D,$DB,$A5,$EF,$F0,$09,$A5,$ED,$49,$FF,$18,$69,$01,$85
419A ED681865ED DB $ED,$68,$18,$65,$ED,$85,$ED,$D0,$13,$C9,$2B,$F0,$06,$C9,$2D,$D0
41AA 0785EF2094 DB $07,$85,$EF,$20,$94,$DB,$90,$BA,$A5,$EC,$85,$F2,$C6,$F2,$A5,$ED
41BA A6F13005F0 DB $A6,$F1,$30,$05,$F0,$03,$38,$E5,$F1,$48,$2A,$68,$6A,$85,$ED,$90
41CA 0320EBDBA5 DB $03,$20,$EB,$DB,$A5,$ED,$18,$69,$44,$85,$D4,$20,$00,$DC,$B0,$0B
41DA A6EEF006A5 DB $A6,$EE,$F0,$06,$A5,$D4,$09,$80,$85,$D4,$18,$60,$20,$51,$DA,$A9
41EA 308D7F05A5 DB $30,$8D,$7F,$05,$A5,$D4,$F0,$28,$29,$7F,$C9,$3F,$90,$28,$C9,$45
41FA B02438E93F DB $B0,$24,$38,$E9,$3F,$20,$70,$DC,$20,$A4,$DC,$09,$80,$9D,$80,$05
420A AD8005C92E DB $AD,$80,$05,$C9,$2E,$F0,$03,$4C,$88,$D9,$20,$C1,$DC,$4C,$9C,$D9
421A A9B08D8005 DB $A9,$B0,$8D,$80,$05,$60,$A9,$01,$20,$70,$DC,$20,$A4,$DC,$E8,$86
422A F2A5D40A38 DB $F2,$A5,$D4,$0A,$38,$E9,$80,$AE,$80,$05,$E0,$30,$F0,$17,$AE,$81
423A 05AC82058E DB $05,$AC,$82,$05,$8E,$82,$05,$8C,$81,$05,$A6,$F2,$E0,$02,$D0,$02
424A E6F2186901 DB $E6,$F2,$18,$69,$01,$85,$ED,$A9,$45,$A4,$F2,$20,$9F,$DC,$84,$F2
425A A5ED100BA9 DB $A5,$ED,$10,$0B,$A9,$00,$38,$E5,$ED,$85,$ED,$A9,$2D,$D0,$02,$A9
426A 2B209FDC A2 DB $2B,$20,$9F,$DC,$A2,$00,$A5,$ED,$38,$E9,$0A,$90,$03,$E8,$D0,$F8
427A 18690A488A DB $18,$69,$0A,$48,$8A,$20,$9D,$DC,$68,$09,$80,$20,$90,$DC,$AD,$80
428A 05C930D00D DB $05,$C9,$30,$D0,$0D,$18,$A5,$F3,$69,$01,$85,$F3,$A5,$F4,$69,$00
429A 85F4A5D410 DB $85,$F4,$A5,$D4,$10,$09,$20,$C1,$DC,$A0,$00,$A9,$2D,$91,$F3,$F0
42AA A5D485F8A5 DB $A5,$D4,$85,$F8,$A5,$D5,$85,$F7,$20,$44,$DA,$F8,$A0,$10,$06,$68
42BA 26F7A203B5 DB $26,$F7,$A2,$03,$B5,$D4,$75,$D4,$95,$D4,$CA,$D0,$F7,$88,$D0,$EE
42CA D8A94285D4 DB $D8,$A9,$42,$85,$D4,$4C,$00,$DC,$A9,$00,$85,$F7,$85,$F8,$A5,$D4
42DA 3066C943B0 DB $30,$66,$C9,$43,$B0,$62,$38,$E9,$40,$90,$3F,$69,$00,$0A,$85,$F5
42EA 205ADAB053 DB $20,$5A,$DA,$B0,$53,$A5,$F7,$85,$F9,$A5,$F8,$85,$FA,$20,$5A,$DA
42FA B046205ADA DB $B0,$46,$20,$5A,$DA,$B0,$41,$18,$A5,$F8,$65,$FA,$85,$F8,$A5,$F7
430A 65F985F7B0 DB $65,$F9,$85,$F7,$B0,$32,$20,$B9,$DC,$18,$65,$F8,$85,$A5,$F7
431A 6900B02485 DB $69,$00,$B0,$24,$85,$F7,$C6,$F5,$D0,$C6,$20,$B9,$DC,$C9,$05,$90
432A 0D18A5F869 DB $0D,$18,$A5,$F8,$69,$01,$85,$F8,$A5,$F7,$69,$00,$85,$F7,$A5,$F8
433A 85D4A5F785 DB $85,$D4,$A5,$F7,$85,$D5,$18,$60,$38,$60,$A2,$D4,$A0,$06,$A9,$00
434A 9500E888D0 DB $95,$00,$E8,$88,$D0,$FA,$60,$A9,$05,$85,$F4,$A9,$80,$85,$F3,$60
435A 1826F826F7 DB $18,$26,$F8,$26,$F7,$60,$A5,$E0,$49,$80,$85,$E0,$A5,$E0,$29,$7F
436A 85F7A5D429 DB $85,$F7,$A5,$D4,$29,$7F,$38,$E5,$F7,$10,$10,$A2,$05,$B5,$D4,$B4
437A E095E09895 DB $E0,$95,$E0,$98,$95,$D4,$CA,$10,$F4,$30,$E1,$F0,$07,$C9,$05,$B0
438A 19203EDCF8 DB $19,$20,$3E,$DC,$F8,$A5,$D4,$45,$E0,$30,$1E,$A2,$04,$18,$B5,$D5
439A 75E195D5CA DB $75,$E1,$95,$D5,$CA,$10,$F7,$D8,$B0,$03,$4C,$00,$DC,$A9,$01,$20
43AA 3ADCA90185 DB $3A,$DC,$A9,$01,$85,$D5,$4C,$00,$DC,$A2,$04,$38,$B5,$D5,$F5,$E1
43BA 95D5CA10F7 DB $95,$D5,$CA,$10,$F7,$90,$04,$D8,$4C,$00,$DC,$A5,$D4,$49,$80,$85
43CA D438A204A9 DB $D4,$38,$A2,$04,$A9,$00,$F5,$D5,$95,$D5,$CA,$10,$F7,$D8,$4C,$00
43DA DCA5D4F045 DB $DC,$A5,$D4,$F0,$45,$A5,$E0,$F0,$3E,$20,$CF,$DC,$38,$E9,$40,$38
43EA 65E0303820 DB $65,$E0,$30,$38,$20,$E0,$DC,$A5,$DF,$29,$0F,$85,$F6,$C6,$F6,$30
43FA 062001DD4C DB $06,$20,$01,$DD,$4C,$F7,$DA,$A5,$DF,$4A,$4A,$4A,$4A,$85,$F6,$C6
440A F630062005 DB $F6,$30,$06,$20,$05,$DD,$4C,$09,$DB,$20,$62,$DC,$C6,$F5,$D0,$D7
441A A5ED85D44C DB $A5,$ED,$85,$D4,$4C,$04,$DC,$20,$44,$DA,$18,$60,$38,$60,$A5,$E0
442A F0FAA5D4F0 DB $F0,$FA,$A5,$D4,$F0,$F4,$20,$CF,$DC,$38,$E5,$E0,$18,$69,$40,$30
443A EB20E0DCE6 DB $EB,$20,$E0,$DC,$E6,$F5,$4C,$4E,$DB,$A2,$00,$B5,$D5,$95,$D4,$E8
444A E00CD0F7A0 DB $E0,$0C,$D0,$F7,$A0,$05,$38,$F8,$B9,$DA,$00,$F9,$E6,$00,$99,$DA
445A 008810F4D8 DB $00,$88,$10,$F4,$D8,$90,$04,$E6,$D9,$D0,$E9,$20,$0F,$DD,$06,$D9
446A 06D906D906 DB $06,$D9,$06,$D9,$06,$D9,$A0,$05,$38,$F8,$B9,$DA,$00,$F9,$E0,$00
    
```

447A	99DA008810	DB	\$99,\$DA,\$00,\$88,\$10,\$F4,\$D8,\$90,\$04,\$E6,\$D9,\$D0,\$E9,\$20,\$09,\$DD
448A	C6F5D0B520	DB	\$C6,\$F5,\$D0,\$B5,\$20,\$62,\$DC,\$4C,\$1A,\$DB,\$20,\$AF,\$DB,\$A4,\$F2,\$90
449A	02B1F3C884	DB	\$02,\$B1,\$F3,\$C8,\$84,\$F2,\$60,\$A4,\$F2,\$A9,\$20,\$D1,\$F3,\$D0,\$03,\$C8
44AA	D0F984F260	DB	\$D0,\$F9,\$84,\$F2,\$60,\$A4,\$F2,\$B1,\$F3,\$38,\$E9,\$30,\$90,\$18,\$C9,\$0A
44BA	60A5F24820	DB	\$60,\$A5,\$F2,\$48,\$20,\$94,\$DB,\$90,\$1F,\$C9,\$2E,\$F0,\$14,\$C9,\$2B,\$F0
44CA	07C92D0F03	DB	\$07,\$C9,\$2D,\$F0,\$03,\$68,\$38,\$60,\$20,\$94,\$DB,\$90,\$0B,\$C9,\$2E,\$D0
44DA	F42094DB90	DB	\$F4,\$20,\$94,\$DB,\$90,\$02,\$B0,\$ED,\$68,\$85,\$F2,\$18,\$60,\$A2,\$E7,\$D0
44EA	02A2D5A004	DB	\$02,\$A2,\$D5,\$A0,\$04,\$18,\$36,\$04,\$36,\$03,\$36,\$02,\$36,\$01,\$36,\$00
44FA	26EC88D0F0	DB	\$26,\$EC,\$88,\$D0,\$F0,\$60,\$A2,\$00,\$86,\$DA,\$A2,\$04,\$A5,\$D4,\$F0,\$2E
450A	A5D5D01AA0	DB	\$A5,\$D5,\$D0,\$1A,\$A0,\$00,\$B9,\$D6,\$00,\$99,\$D5,\$00,\$C8,\$C0,\$05,\$90
451A	F5C6D4CAD0	DB	\$F5,\$C6,\$D4,\$CA,\$D0,\$EA,\$A5,\$D5,\$D0,\$04,\$85,\$D4,\$18,\$60,\$A5,\$D4
452A	297F9C97190	DB	\$29,\$7F,\$C9,\$71,\$90,\$01,\$60,\$C9,\$0F,\$B0,\$03,\$20,\$44,\$DA,\$18,\$60
453A	A2D4D002A2	DB	\$A2,\$D4,\$D0,\$02,\$A2,\$E0,\$86,\$F9,\$85,\$F7,\$85,\$F8,\$A0,\$04,\$B5,\$04
454A	9505CA88D0	DB	\$95,\$05,\$CA,\$88,\$D0,\$F8,\$A9,\$00,\$95,\$05,\$A6,\$F9,\$C6,\$F7,\$D0,\$EC
455A	B5001865F8	DB	\$B5,\$00,\$18,\$65,\$F8,\$95,\$00,\$60,\$A2,\$0A,\$B5,\$D4,\$95,\$D5,\$CA,\$10
456A	F9A90085D4	DB	\$F9,\$A9,\$00,\$85,\$D4,\$60,\$85,\$F7,\$A2,\$00,\$A0,\$00,\$20,\$93,\$DC,\$38
457A	E90185F7B5	DB	\$E9,\$01,\$85,\$F7,\$B5,\$D5,\$4A,\$4A,\$4A,\$4A,\$20,\$9D,\$DC,\$B5,\$D5,\$29
458A	0F209DDCE8	DB	\$0F,\$20,\$9D,\$DC,\$E8,\$E0,\$05,\$90,\$E3,\$A5,\$F7,\$D0,\$05,\$A9,\$2E,\$20
459A	9FDC600930	DB	\$9F,\$DC,\$60,\$09,\$30,\$99,\$80,\$05,\$C8,\$60,\$A2,\$0A,\$BD,\$80,\$05,\$C9
45AA	2EF007C930	DB	\$2E,\$F0,\$07,\$C9,\$30,\$D0,\$07,\$CA,\$D0,\$F2,\$CA,\$BD,\$80,\$05,\$60,\$20
45BA	EBDBA5EC29	DB	\$EB,\$DB,\$A5,\$EC,\$29,\$0F,\$60,\$38,\$A5,\$F3,\$E9,\$01,\$85,\$F3,\$A5,\$F4
45CA	E90085F460	DB	\$E9,\$00,\$85,\$F4,\$60,\$A5,\$D4,\$45,\$E0,\$29,\$80,\$85,\$EE,\$06,\$E0,\$46
45DA	E0A5D4297F	DB	\$E0,\$A5,\$D4,\$29,\$7F,\$60,\$05,\$EE,\$85,\$ED,\$A9,\$00,\$85,\$D4,\$85,\$E0
45EA	2028DD20E7	DB	\$20,\$28,\$DD,\$20,\$E7,\$DB,\$A5,\$EC,\$29,\$0F,\$85,\$E6,\$A9,\$05,\$85,\$F5
45FA	2034DD2044	DB	\$20,\$34,\$DD,\$20,\$44,\$DA,\$60,\$A2,\$D9,\$D0,\$06,\$A2,\$D9,\$D0,\$08,\$A2
460A	DFA0E5D004	DB	\$DF,\$A0,\$E5,\$D0,\$04,\$A2,\$DF,\$A0,\$EB,\$A9,\$05,\$85,\$F7,\$18,\$F8,\$B5
461A	0079000095	DB	\$00,\$79,\$00,\$00,\$95,\$00,\$CA,\$88,\$C6,\$F7,\$10,\$F3,\$D8,\$60,\$A0,\$05
462A	B9E00099E6	DB	\$B9,\$E0,\$00,\$99,\$E6,\$00,\$88,\$10,\$F7,\$60,\$A0,\$05,\$B9,\$D4,\$00,\$99
463A	DA008810F7	DB	\$DA,\$00,\$88,\$10,\$F7,\$60,\$86,\$FE,\$84,\$FF,\$85,\$EF,\$A2,\$E0,\$A0,\$05
464A	20A7DD20B6	DB	\$20,\$A7,\$DD,\$20,\$B6,\$DD,\$A6,\$FE,\$A4,\$FF,\$20,\$89,\$DD,\$C6,\$EF,\$F0
465A	2D20DBDAB0	DB	\$2D,\$20,\$DB,\$DA,\$B0,\$28,\$18,\$A5,\$FE,\$69,\$06,\$85,\$FE,\$90,\$06,\$A5
466A	FF690085FF	DB	\$FF,\$69,\$00,\$85,\$FF,\$A6,\$FE,\$A4,\$FF,\$20,\$98,\$DD,\$20,\$66,\$DA,\$B0
467A	0DC6EFF009	DB	\$0D,\$C6,\$EF,\$F0,\$09,\$A2,\$E0,\$A0,\$05,\$20,\$98,\$DD,\$30,\$D3,\$60,\$86
468A	FC84FDA005	DB	\$FC,\$84,\$FD,\$A0,\$05,\$B1,\$FC,\$99,\$D4,\$00,\$88,\$10,\$F8,\$60,\$86,\$FC
469A	84FDA005B1	DB	\$84,\$FD,\$A0,\$05,\$B1,\$FC,\$99,\$E0,\$00,\$88,\$10,\$F8,\$60,\$86,\$FC,\$84
46AA	FDA005B9D4	DB	\$FD,\$A0,\$05,\$B9,\$D4,\$00,\$91,\$FC,\$88,\$10,\$F8,\$60,\$A2,\$05,\$B5,\$D4
46BA	95E0CA10F9	DB	\$95,\$E0,\$CA,\$10,\$F9,\$60,\$A2,\$89,\$A0,\$DE,\$20,\$98,\$DD,\$20,\$DB,\$DA
46CA	B07FA90085	DB	\$B0,\$7F,\$A9,\$00,\$85,\$F1,\$A5,\$D4,\$85,\$F0,\$29,\$7F,\$85,\$D4,\$38,\$E9
46DA	403026C904	DB	\$40,\$30,\$26,\$C9,\$04,\$10,\$6A,\$A2,\$E6,\$A0,\$05,\$20,\$A7,\$DD,\$20,\$D2
46EA	D9A5D485F1	DB	\$D9,\$A5,\$D4,\$85,\$F1,\$A5,\$D5,\$D0,\$58,\$20,\$AA,\$D9,\$20,\$B6,\$DD,\$A2
46FA	E6A0052089	DB	\$E6,\$A0,\$05,\$20,\$89,\$DD,\$20,\$60,\$DA,\$A9,\$0A,\$A2,\$4D,\$A0,\$DE,\$20
470A	40DD20B6DD	DB	\$40,\$DD,\$20,\$B6,\$DD,\$20,\$DB,\$DA,\$A5,\$F1,\$F0,\$23,\$18,\$6A,\$85,\$E0
471A	A9019002A9	DB	\$A9,\$01,\$90,\$02,\$A9,\$10,\$85,\$E1,\$A2,\$04,\$A9,\$00,\$95,\$E2,\$CA,\$10
472A	FBA5E01869	DB	\$FB,\$A5,\$E0,\$18,\$69,\$40,\$B0,\$19,\$30,\$17,\$85,\$E0,\$20,\$DB,\$DA,\$A5
473A	F0100D20B6	DB	\$F0,\$10,\$0D,\$20,\$B6,\$DD,\$A2,\$8F,\$A0,\$DE,\$20,\$89,\$DD,\$20,\$28,\$DB
474A	6038603D17	DB	\$60,\$38,\$60,\$3D,\$17,\$94,\$19,\$00,\$00,\$3D,\$57,\$33,\$05,\$00,\$00,\$3E
475A	0554766200	DB	\$05,\$54,\$76,\$62,\$00,\$3E,\$32,\$19,\$62,\$27,\$00,\$3F,\$01,\$68,\$60,\$30
476A	363F073203	DB	\$36,\$3F,\$07,\$32,\$03,\$27,\$41,\$3F,\$25,\$43,\$34,\$56,\$75,\$3F,\$66,\$27
477A	3730504001	DB	\$37,\$30,\$50,\$40,\$01,\$15,\$12,\$92,\$55,\$3F,\$99,\$99,\$99,\$99,\$99,\$3F
478A	4342944819	DB	\$43,\$42,\$94,\$48,\$19,\$40,\$01,\$00,\$00,\$00,\$00,\$86,\$FE,\$84,\$FF,\$A2
479A	E0A00520A7	DB	\$E0,\$A0,\$05,\$20,\$A7,\$DD,\$A6,\$FE,\$A4,\$FF,\$20,\$98,\$DD,\$20,\$66,\$DA
47AA	A2E6A00520	DB	\$A2,\$E6,\$A0,\$05,\$20,\$A7,\$DD,\$A2,\$E0,\$A0,\$05,\$20,\$89,\$DD,\$A6,\$FE
47BA	A4FF2098DD	DB	\$A4,\$FF,\$20,\$98,\$DD,\$20,\$60,\$DA,\$A2,\$E6,\$A0,\$05,\$20,\$98,\$DD,\$20
47CA	28DB60A901	DB	\$28,\$DB,\$60,\$A9,\$01,\$D0,\$02,\$A9,\$00,\$85,\$F0,\$A5,\$D4,\$10,\$02,\$38
47DA	60A5D485E0	DB	\$60,\$A5,\$D4,\$85,\$E0,\$38,\$E9,\$40,\$0A,\$85,\$F1,\$A5,\$D5,\$29,\$F0,\$D0
47EA	04A901D004	DB	\$04,\$A9,\$01,\$D0,\$04,\$E6,\$F1,\$A9,\$10,\$85,\$E1,\$A2,\$04,\$A9,\$00,\$95
47FA	E2CA10FB20	DB	\$E2,\$CA,\$10,\$FB,\$20,\$28,\$DB,\$A2,\$66,\$A0,\$DF,\$20,\$95,\$DE,\$A2,\$E6

480A	A00520A7DD	DB	\$A0,\$05,\$20,\$A7,\$DD,\$20,\$B6,\$DD,\$20,\$DB,\$DA,\$A9,\$0A,\$A2,\$72,\$A0
481A	DF2040DDA2	DB	\$DF,\$20,\$40,\$DD,\$A2,\$E6,\$A0,\$05,\$20,\$98,\$DD,\$20,\$DB,\$DA,\$A2,\$6C
482A	A0DF2098DD	DB	\$A0,\$DF,\$20,\$98,\$DD,\$20,\$66,\$DA,\$20,\$B6,\$DD,\$A9,\$00,\$85,\$D5,\$A5
483A	F185D41007	DB	\$F1,\$85,\$D4,\$10,\$07,\$49,\$FF,\$18,\$69,\$01,\$85,\$D4,\$20,\$AA,\$D9,\$24
484A	F11006A980	DB	\$F1,\$10,\$06,\$A9,\$80,\$05,\$D4,\$85,\$D4,\$20,\$66,\$DA,\$A5,\$F0,\$F0,\$0A
485A	A289A0DE20	DB	\$A2,\$89,\$A0,\$DE,\$20,\$98,\$DD,\$20,\$28,\$DB,\$18,\$60,\$40,\$03,\$16,\$22
486A	77663F5000	DB	\$77,\$66,\$3F,\$50,\$00,\$00,\$00,\$00,\$00,\$00,\$3F,\$49,\$15,\$57,\$11,\$08,\$BF,\$51
487A	704947083F	DB	\$70,\$49,\$47,\$08,\$3F,\$39,\$20,\$57,\$61,\$95,\$BF,\$04,\$39,\$63,\$03,\$55
488A	3F10093012	DB	\$3F,\$10,\$09,\$30,\$12,\$64,\$3F,\$09,\$39,\$08,\$04,\$60,\$3F,\$12,\$42,\$58
489A	47423F1737	DB	\$47,\$42,\$3F,\$17,\$37,\$12,\$06,\$08,\$3F,\$28,\$95,\$29,\$71,\$17,\$3F,\$86
48AA	858896443E	DB	\$85,\$88,\$96,\$44,\$3E,\$16,\$05,\$44,\$49,\$00,\$BE,\$95,\$68,\$38,\$45,\$00
48BA	3F02687994	DB	\$3F,\$02,\$68,\$79,\$94,\$16,\$BF,\$04,\$92,\$78,\$90,\$80,\$3F,\$07,\$03,\$15
48CA	2000BF0892	DB	\$20,\$00,\$BF,\$08,\$92,\$29,\$12,\$44,\$3F,\$11,\$08,\$40,\$09,\$11,\$BF,\$14
48DA	283156043F	DB	\$28,\$31,\$56,\$04,\$3F,\$19,\$99,\$98,\$77,\$44,\$BF,\$33,\$33,\$33,\$31,\$13
48EA	3F99999999	DB	\$3F,\$99,\$99,\$99,\$99,\$99,\$3F,\$78,\$53,\$98,\$16,\$34,\$98,\$16,\$34,\$FC
48FA	E03250D968	DB	\$E0,\$32,\$50,\$D9,\$68,\$11,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$18
490A	1818180018	DB	\$18,\$18,\$18,\$00,\$18,\$18,\$00,\$00,\$66,\$66,\$66,\$00,\$00,\$00,\$00,\$66
491A	FF6666FF66	DB	\$FF,\$66,\$66,\$FF,\$66,\$00,\$18,\$3E,\$60,\$3C,\$06,\$7C,\$18,\$00,\$00,\$66
492A	6C18306646	DB	\$6C,\$18,\$30,\$66,\$46,\$00,\$1C,\$36,\$1C,\$38,\$6F,\$66,\$3B,\$00,\$00,\$18
493A	1818000000	DB	\$18,\$18,\$00,\$00,\$00,\$00,\$00,\$00,\$0E,\$1C,\$18,\$18,\$1C,\$0E,\$00,\$70
494A	3818183870	DB	\$38,\$18,\$18,\$38,\$70,\$00,\$00,\$66,\$3C,\$FF,\$3C,\$66,\$00,\$00,\$00,\$18
495A	187E181800	DB	\$18,\$7E,\$18,\$18,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$18,\$18,\$30,\$00,\$00
496A	007E000000	DB	\$00,\$7E,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$18,\$00,\$00,\$06
497A	0C18306040	DB	\$0C,\$18,\$30,\$60,\$40,\$00,\$00,\$3C,\$66,\$6E,\$76,\$66,\$3C,\$00,\$00,\$18
498A	381818187E	DB	\$38,\$18,\$18,\$18,\$7E,\$00,\$00,\$3C,\$66,\$0C,\$18,\$30,\$7E,\$00,\$00,\$7E
499A	0C1800C663C	DB	\$0C,\$18,\$0C,\$66,\$3C,\$00,\$00,\$0C,\$1C,\$3C,\$6C,\$7E,\$0C,\$00,\$00,\$7E
49AA	607C06663C	DB	\$60,\$7C,\$06,\$66,\$3C,\$00,\$00,\$3C,\$60,\$7C,\$66,\$66,\$3C,\$00,\$00,\$7E
49BA	060C183030	DB	\$06,\$0C,\$18,\$30,\$30,\$00,\$00,\$3C,\$66,\$3C,\$66,\$66,\$3C,\$00,\$00,\$3C
49CA	663E060C38	DB	\$66,\$3E,\$06,\$0C,\$38,\$00,\$00,\$00,\$00,\$18,\$18,\$00,\$18,\$00,\$00,\$00
49DA	1818001818	DB	\$18,\$18,\$00,\$18,\$18,\$30,\$06,\$0C,\$18,\$30,\$18,\$0C,\$06,\$00,\$00,\$00
49EA	7E00007E00	DB	\$7E,\$00,\$00,\$7E,\$00,\$00,\$60,\$30,\$18,\$0C,\$18,\$30,\$60,\$00,\$00,\$18
49FA	660C180018	DB	\$66,\$0C,\$18,\$00,\$18,\$00,\$00,\$3C,\$66,\$6E,\$6E,\$60,\$00,\$00,\$00,\$3C
4A0A	3C66667E66	DB	\$3C,\$66,\$66,\$7E,\$66,\$00,\$00,\$7C,\$66,\$7C,\$66,\$66,\$7C,\$00,\$00,\$3C
4A1A	666060663C	DB	\$66,\$60,\$60,\$66,\$66,\$3C,\$00,\$00,\$78,\$6C,\$66,\$66,\$6C,\$78,\$00,\$00,\$7E
4A2A	607C60607E	DB	\$60,\$7C,\$60,\$60,\$7E,\$00,\$00,\$7E,\$60,\$7C,\$60,\$60,\$60,\$00,\$00,\$3E
4A3A	60606E663E	DB	\$60,\$60,\$6E,\$66,\$3E,\$00,\$00,\$66,\$66,\$7E,\$66,\$66,\$66,\$00,\$00,\$7E
4A4A	181818187E	DB	\$18,\$18,\$18,\$18,\$7E,\$00,\$00,\$06,\$06,\$06,\$06,\$66,\$3C,\$00,\$00,\$66
4A5A	6C78786C66	DB	\$6C,\$78,\$78,\$6C,\$66,\$00,\$00,\$60,\$60,\$60,\$60,\$60,\$60,\$7E,\$00,\$00,\$63
4A6A	777F6B6363	DB	\$77,\$7F,\$6B,\$63,\$63,\$00,\$00,\$66,\$76,\$7E,\$7E,\$6E,\$66,\$00,\$00,\$3C
4A7A	666666663C	DB	\$66,\$66,\$66,\$66,\$3C,\$00,\$00,\$7C,\$66,\$66,\$7C,\$60,\$60,\$00,\$00,\$3C
4A8A	6666666C36	DB	\$66,\$66,\$66,\$6C,\$36,\$00,\$00,\$7C,\$66,\$66,\$7C,\$6C,\$66,\$00,\$00,\$3C
4A9A	603C06063C	DB	\$60,\$3C,\$06,\$06,\$3C,\$00,\$00,\$7E,\$18,\$18,\$18,\$18,\$18,\$00,\$00,\$66
4AAA	666666667E	DB	\$66,\$66,\$66,\$66,\$7E,\$00,\$00,\$66,\$66,\$66,\$66,\$3C,\$18,\$00,\$00,\$63
4ABA	636B7F7763	DB	\$63,\$6B,\$7F,\$77,\$63,\$00,\$00,\$66,\$66,\$66,\$3C,\$3C,\$66,\$66,\$00,\$66
4ACA	663C181818	DB	\$66,\$3C,\$18,\$18,\$18,\$00,\$00,\$7E,\$0C,\$18,\$30,\$60,\$7E,\$00,\$00,\$1E
4ADA	181818181E	DB	\$18,\$18,\$18,\$18,\$1E,\$00,\$00,\$40,\$60,\$30,\$18,\$0C,\$06,\$00,\$00,\$78
4AEA	1818181878	DB	\$18,\$18,\$18,\$18,\$78,\$00,\$00,\$08,\$1C,\$36,\$63,\$00,\$00,\$00,\$00,\$00
4AFA	00000000FF	DB	\$00,\$00,\$00,\$00,\$FF,\$00,\$00,\$36,\$7F,\$7F,\$3E,\$1C,\$08,\$00,\$18,\$18
4B0A	181F1F1818	DB	\$18,\$1F,\$1F,\$18,\$18,\$18,\$03,\$03,\$03,\$03,\$03,\$03,\$03,\$03,\$18,\$18
4B1A	18F8F80000	DB	\$18,\$F8,\$F8,\$00,\$00,\$00,\$18,\$18,\$18,\$F8,\$F8,\$18,\$18,\$18,\$00,\$00
4B2A	00F8F81818	DB	\$00,\$F8,\$F8,\$18,\$18,\$18,\$03,\$07,\$0E,\$1C,\$38,\$70,\$E0,\$C0,\$C0,\$E0
4B3A	70381C0E07	DB	\$70,\$38,\$1C,\$0E,\$07,\$03,\$01,\$03,\$07,\$0F,\$1F,\$3F,\$7F,\$FF,\$00,\$00
4B4A	00000F0F0F	DB	\$00,\$00,\$0F,\$0F,\$0F,\$0F,\$80,\$C0,\$E0,\$F0,\$F8,\$FC,\$FE,\$FF,\$0F,\$0F
4B5A	0F0F000000	DB	\$0F,\$0F,\$00,\$00,\$00,\$00,\$F0,\$F0,\$F0,\$F0,\$00,\$00,\$00,\$00,\$FF,\$FF
4B6A	0000000000	DB	\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
4B7A	0000F0F0F0	DB	\$00,\$00,\$F0,\$F0,\$F0,\$F0,\$00,\$1C,\$1C,\$77,\$77,\$08,\$1C,\$00,\$00,\$00
4B8A	001F1F1818	DB	\$00,\$1F,\$1F,\$18,\$18,\$18,\$00,\$00,\$00,\$00,\$FF,\$FF,\$00,\$00,\$00,\$18,\$18

4B9A	18FFFF1818	DB	\$18,\$FF,\$FF,\$18,\$18,\$18,\$00,\$00,\$3C,\$7E,\$7E,\$7E,\$3C,\$00,\$00,\$00
4BAA	0000FFFF	DB	\$00,\$00,\$FF,\$FF,\$FF,\$FF,\$C0,\$C0,\$C0,\$C0,\$C0,\$C0,\$C0,\$00,\$00
4BBA	00FFFF1818	DB	\$00,\$FF,\$FF,\$18,\$18,\$18,\$18,\$18,\$FF,\$FF,\$00,\$00,\$00,\$F0,\$F0
4BCA	F0F0F0F0F0	DB	\$F0,\$F0,\$F0,\$F0,\$F0,\$F0,\$18,\$18,\$18,\$1F,\$1F,\$00,\$00,\$00,\$78,\$60
4BDA	78607E181E	DB	\$78,\$60,\$7E,\$18,\$1E,\$00,\$00,\$18,\$3C,\$7E,\$18,\$18,\$18,\$00,\$00,\$18
4BEA	18187E3C18	DB	\$18,\$18,\$7E,\$3C,\$18,\$00,\$00,\$18,\$30,\$7E,\$30,\$18,\$00,\$00,\$00,\$18
4BFA	0C7E0C1800	DB	\$0C,\$7E,\$0C,\$18,\$00,\$00,\$00,\$18,\$3C,\$7E,\$7E,\$3C,\$18,\$00,\$00,\$00
4C0A	3C063E663E	DB	\$3C,\$06,\$3E,\$66,\$3E,\$00,\$00,\$60,\$60,\$7C,\$66,\$66,\$7C,\$00,\$00,\$00
4C1A	3C6060603C	DB	\$3C,\$60,\$60,\$60,\$3C,\$00,\$00,\$06,\$06,\$3E,\$66,\$66,\$3E,\$00,\$00,\$00
4C2A	3C667E603C	DB	\$3C,\$66,\$7E,\$60,\$3C,\$00,\$00,\$0E,\$18,\$3E,\$18,\$18,\$18,\$00,\$00,\$00
4C3A	3E66663E06	DB	\$3E,\$66,\$66,\$3E,\$06,\$7C,\$00,\$60,\$60,\$7C,\$66,\$66,\$66,\$00,\$00,\$18
4C4A	003818183C	DB	\$00,\$38,\$18,\$18,\$3C,\$00,\$00,\$06,\$00,\$06,\$06,\$06,\$06,\$3C,\$00,\$60
4C5A	606C786C66	DB	\$60,\$6C,\$78,\$6C,\$66,\$00,\$00,\$38,\$18,\$18,\$18,\$18,\$3C,\$00,\$00,\$00
4C6A	667F7F6B63	DB	\$66,\$7F,\$7F,\$6B,\$63,\$00,\$00,\$00,\$7C,\$66,\$66,\$66,\$66,\$00,\$00,\$00
4C7A	3C6666663C	DB	\$3C,\$66,\$66,\$66,\$3C,\$00,\$00,\$00,\$7C,\$66,\$66,\$7C,\$66,\$60,\$00,\$00
4C8A	3E66663E06	DB	\$3E,\$66,\$66,\$3E,\$06,\$06,\$00,\$00,\$7C,\$66,\$60,\$60,\$60,\$00,\$00,\$00
4C9A	3E603C067C	DB	\$3E,\$60,\$3C,\$06,\$7C,\$00,\$00,\$18,\$7E,\$18,\$18,\$18,\$00,\$00,\$00
4CAA	666666663E	DB	\$66,\$66,\$66,\$66,\$3E,\$00,\$00,\$00,\$66,\$66,\$66,\$3C,\$18,\$00,\$00,\$00
4CBA	636B7F3E36	DB	\$63,\$6B,\$7F,\$3E,\$36,\$00,\$00,\$00,\$66,\$3C,\$18,\$3C,\$66,\$00,\$00,\$00
4CCA	6666663E0C	DB	\$66,\$66,\$66,\$3E,\$0C,\$78,\$00,\$00,\$00,\$7E,\$0C,\$18,\$30,\$7E,\$00,\$00,\$18
4CDA	3C7E7E183C	DB	\$3C,\$7E,\$7E,\$18,\$3C,\$00,\$18,\$18,\$18,\$18,\$18,\$18,\$18,\$18,\$00,\$7E
4CEA	787C6E6606	DB	\$78,\$7C,\$6E,\$66,\$06,\$00,\$08,\$18,\$38,\$78,\$38,\$18,\$08,\$00,\$10,\$18
4CFA	1C1E1C1810	DB	\$1C,\$1E,\$1C,\$18,\$10,\$00,\$00,\$FB,\$F3,\$33,\$F6,\$3D,\$F6,\$A3,\$F6,\$33,\$F6
4D0A	3CF64CE4F3	DB	\$3C,\$F6,\$4C,\$E4,\$F3,\$F9,\$F5,\$F3,\$33,\$F6,\$92,\$F5,\$B6,\$F5,\$33,\$F6
4D1A	FBFC4CE4F3	DB	\$FB,\$FC,\$4C,\$E4,\$F3,\$F6,\$33,\$F6,\$33,\$F6,\$E1,\$F6,\$3C,\$F6,\$33,\$F6
4D2A	3CF64CE4F3	DB	\$3C,\$F6,\$4C,\$E4,\$F3,\$00,\$9E,\$EE,\$DB,\$EE,\$9D,\$EE,\$A6,\$EE,\$80,\$EE
4D3A	9DEE4C78EE	DB	\$9D,\$EE,\$4C,\$78,\$EE,\$00,\$4B,\$EF,\$2A,\$F0,\$D5,\$EF,\$0F,\$F0,\$27,\$F0
4D4A	4AEF4C41EF	DB	\$4A,\$EF,\$4C,\$41,\$EF,\$00,\$4C,\$EA,\$ED,\$4C,\$F0,\$ED,\$4C,\$C4,\$E4,\$4C
4D5A	59E94C12E9	DB	\$59,\$E9,\$4C,\$12,\$E9,\$4C,\$D1,\$E7,\$4C,\$3E,\$E9,\$4C,\$44,\$E9,\$4C,\$F6
4D6A	EB4C05E64C	DB	\$EB,\$4C,\$D5,\$E6,\$4C,\$A6,\$E4,\$4C,\$23,\$F2,\$4C,\$1B,\$F1,\$4C,\$25,\$F1
4D7A	4CE9EF4C5D	DB	\$4C,\$E9,\$EF,\$4C,\$5D,\$EF,\$B3,\$E7,\$B2,\$E7,\$B2,\$E7,\$B2,\$E7,\$BE,\$FF
4D8A	11EB90EAD1	DB	\$11,\$EB,\$90,\$EA,\$D1,\$EA,\$B2,\$E7,\$B2,\$E7,\$B2,\$E7,\$F6,\$E6,\$00,\$00
4D9A	0000000000	DB	\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$D1,\$E7,\$3E,\$E9,\$A2,\$00,\$A9,\$FF
4DA A	9D4003A9C0	DB	\$9D,\$40,\$03,\$A9,\$C0,\$9D,\$46,\$03,\$A9,\$E4,\$9D,\$47,\$03,\$8A,\$18,\$69
4DBA	10AAC98090	DB	\$10,\$AA,\$C9,\$80,\$90,\$E8,\$60,\$A0,\$85,\$60,\$85,\$2F,\$86,\$2E,\$A8,\$29
4DCA	0FD004E080	DB	\$0F,\$D0,\$04,\$E0,\$80,\$90,\$05,\$A0,\$86,\$4C,\$1B,\$E6,\$A0,\$00,\$BD,\$40
4DDA	03992000E8	DB	\$03,\$99,\$20,\$00,\$E8,\$C8,\$C0,\$0C,\$90,\$F4,\$A0,\$84,\$A5,\$22,\$C9,\$03
4DEA	9025A8C00E	DB	\$90,\$25,\$A8,\$C0,\$0E,\$90,\$02,\$A0,\$0E,\$84,\$17,\$B9,\$C6,\$E6,\$F0,\$0F
4DFA	C902F035C9	DB	\$C9,\$02,\$F0,\$35,\$C9,\$08,\$B0,\$4C,\$C9,\$04,\$F0,\$63,\$4C,\$C9,\$E5,\$A5
4E0A	20C9FF00F5	DB	\$20,\$C9,\$FF,\$F0,\$05,\$A0,\$81,\$4C,\$1B,\$E6,\$20,\$9E,\$E6,\$B0,\$F8,\$20
4E1A	3DE6B0F320	DB	\$3D,\$E6,\$B0,\$F3,\$20,\$89,\$E6,\$A9,\$0B,\$85,\$17,\$20,\$3D,\$E6,\$A5,\$2C
4E2A	8526A52D85	DB	\$85,\$26,\$A5,\$2D,\$85,\$27,\$4C,\$1D,\$E6,\$A0,\$01,\$84,\$23,\$20,\$3D,\$E6
4E3A	B0032089E6	DB	\$B0,\$03,\$20,\$89,\$E6,\$A9,\$FF,\$85,\$20,\$A9,\$E4,\$85,\$27,\$A9,\$C0,\$85
4E4A	264C1DE6A5	DB	\$26,\$4C,\$1D,\$E6,\$A5,\$20,\$C9,\$FF,\$D0,\$05,\$20,\$9E,\$E6,\$B0,\$B8,\$20
4E5A	3DE62089E6	DB	\$3D,\$E6,\$20,\$89,\$E6,\$A6,\$2E,\$BD,\$40,\$03,\$85,\$20,\$4C,\$1D,\$E6,\$A5
4E6A	22252AD005	DB	\$22,\$25,\$2A,\$D0,\$05,\$A0,\$83,\$4C,\$1B,\$E6,\$20,\$3D,\$E6,\$B0,\$F8,\$A5
4E7A	280529D008	DB	\$28,\$05,\$29,\$D0,\$08,\$20,\$89,\$E6,\$85,\$2F,\$4C,\$1D,\$E6,\$20,\$89,\$E6
4E8A	852F3035A0	DB	\$85,\$2F,\$30,\$35,\$A0,\$20,\$91,\$24,\$20,\$70,\$E6,\$A5,\$22,\$29,\$02,\$D0
4E9A	0CA52FC99B	DB	\$0C,\$A5,\$2F,\$C9,\$9B,\$D0,\$06,\$20,\$63,\$E6,\$4C,\$C3,\$E5,\$20,\$63,\$E6
4EAA	D0DBA52229	DB	\$D0,\$DB,\$A5,\$22,\$29,\$02,\$D0,\$11,\$20,\$89,\$E6,\$85,\$2F,\$30,\$0A,\$A5
4EBA	2FC99BD0F3	DB	\$2F,\$C9,\$9B,\$D0,\$F3,\$A9,\$89,\$85,\$23,\$20,\$77,\$E6,\$4C,\$1D,\$E6,\$A5
4ECA	22252AD005	DB	\$22,\$25,\$2A,\$D0,\$05,\$A0,\$87,\$4C,\$1B,\$E6,\$20,\$3D,\$E6,\$B0,\$F8,\$A5
4EDA	280529D006	DB	\$28,\$05,\$29,\$D0,\$06,\$A5,\$2F,\$E6,\$28,\$D0,\$06,\$A0,\$00,\$B1,\$24,\$85
4EEA	2F2089E630	DB	\$2F,\$20,\$89,\$E6,\$30,\$25,\$20,\$70,\$E6,\$A5,\$22,\$29,\$02,\$D0,\$0C,\$A5
4EFA	2FC99BD006	DB	\$2F,\$C9,\$9B,\$D0,\$06,\$20,\$63,\$E6,\$4C,\$15,\$E6,\$20,\$63,\$E6,\$D0,\$DB
4F0A	A5222902D0	DB	\$A5,\$22,\$29,\$02,\$D0,\$05,\$A9,\$9B,\$20,\$89,\$E6,\$20,\$77,\$E6,\$4C,\$1D
4F1A	E68423A42E	DB	\$E6,\$84,\$23,\$A4,\$2E,\$B9,\$44,\$03,\$85,\$24,\$B9,\$45,\$03,\$85,\$25,\$A2

4F2A	00B5209940	DB	\$00,\$B5,\$20,\$99,\$40,\$03,\$E8,\$C8,\$E0,\$0C,\$90,\$F5,\$A5,\$2F,\$A6,\$2E
4F3A	A42360A420	DB	\$A4,\$23,\$60,\$A4,\$20,\$C0,\$22,\$90,\$04,\$A0,\$85,\$B0,\$1B,\$B9,\$1B,\$03
4F4A	852CB91C03	DB	\$85,\$2C,\$B9,\$1C,\$03,\$85,\$2D,\$A4,\$17,\$B9,\$C6,\$E6,\$A8,\$B1,\$2C,\$AA
4F5A	C8B12C852D	DB	\$C8,\$B1,\$2C,\$85,\$2D,\$86,\$2C,\$18,\$60,\$C6,\$28,\$A5,\$28,\$C9,\$FF,\$D0
4F6A	02C6290529	DB	\$02,\$C6,\$29,\$05,\$29,\$60,\$E6,\$24,\$D0,\$02,\$E6,\$25,\$60,\$A6,\$2E,\$38
4F7A	BD4803E528	DB	\$BD,\$48,\$03,\$E5,\$28,\$85,\$28,\$BD,\$49,\$03,\$E5,\$29,\$85,\$29,\$60,\$A0
4F8A	922093E684	DB	\$92,\$20,\$93,\$E6,\$84,\$23,\$C0,\$00,\$60,\$AA,\$A5,\$2D,\$48,\$A5,\$2C,\$48
4F9A	8AA62E60A0	DB	\$8A,\$A6,\$2E,\$60,\$A0,\$00,\$B1,\$24,\$F0,\$0C,\$A0,\$21,\$D9,\$1A,\$03,\$F0
4FAA	0A88888810	DB	\$0A,\$88,\$88,\$88,\$10,\$F6,\$A0,\$82,\$38,\$B0,\$13,\$98,\$85,\$20,\$38,\$A0
4FBA	01B124E930	DB	\$01,\$B1,\$24,\$E9,\$30,\$C9,\$0A,\$90,\$02,\$A9,\$01,\$85,\$21,\$18,\$60,\$00
4FCA	0404040406	DB	\$04,\$04,\$04,\$04,\$06,\$06,\$06,\$06,\$06,\$02,\$08,\$0A,\$A9,\$40,\$8D,\$0E,\$D4
4FDA	A9388002D3	DB	\$A9,\$38,\$8D,\$02,\$D3,\$EA,\$EA,\$EA,\$A9,\$00,\$8D,\$00,\$D3,\$EA,\$EA,\$EA
4FEA	A93C8002D3	DB	\$A9,\$3C,\$8D,\$02,\$D3,\$8D,\$03,\$D3,\$60,\$C6,\$16,\$02,\$48,\$A9,\$10,\$2C
4FFA	0ED2D00DA9	DB	\$0E,\$D2,\$D0,\$0D,\$A9,\$EF,\$8D,\$0E,\$D2,\$A5,\$10,\$8D,\$0E,\$D2,\$6C,\$0C
500A	02A9202C0E	DB	\$02,\$A9,\$20,\$2C,\$0E,\$D2,\$D0,\$0D,\$A9,\$DF,\$8D,\$0E,\$D2,\$A5,\$10,\$8D
501A	0ED26C0A02	DB	\$0E,\$D2,\$6C,\$0A,\$02,\$A9,\$08,\$24,\$10,\$F0,\$12,\$2C,\$0E,\$D2,\$D0,\$0D
502A	A9F78D0ED2	DB	\$A9,\$F7,\$8D,\$0E,\$D2,\$A5,\$10,\$8D,\$0E,\$D2,\$6C,\$0E,\$02,\$AD,\$0E,\$D2
503A	6AB00DA9FE	DB	\$6A,\$B0,\$0D,\$A9,\$FE,\$8D,\$0E,\$D2,\$A5,\$10,\$8D,\$0E,\$D2,\$6C,\$10,\$02
504A	6AB00DA9FD	DB	\$6A,\$B0,\$0D,\$A9,\$FD,\$8D,\$0E,\$D2,\$A5,\$10,\$8D,\$0E,\$D2,\$6C,\$12,\$02
505A	6AB00AA9FB	DB	\$6A,\$B0,\$0A,\$A9,\$FB,\$8D,\$0E,\$D2,\$A5,\$10,\$8D,\$0E,\$D2,\$2C,\$0E,\$D2
506A	700DA9BF8D	DB	\$70,\$0D,\$A9,\$BF,\$8D,\$0E,\$D2,\$A5,\$10,\$8D,\$0E,\$D2,\$6C,\$08,\$02,\$30
507A	18A97F8D0E	DB	\$18,\$A9,\$7F,\$8D,\$0E,\$D2,\$A5,\$10,\$8D,\$0E,\$D2,\$A9,\$00,\$85,\$11,\$8D
508A	FF028DF002	DB	\$FF,\$02,\$8D,\$02,\$85,\$4D,\$68,\$40,\$2C,\$02,\$D3,\$10,\$06,\$AD,\$00
509A	D36C02022C	DB	\$D3,\$6C,\$02,\$02,\$2C,\$03,\$D3,\$10,\$06,\$AD,\$01,\$D3,\$6C,\$04,\$02,\$08
50AA	682910F003	DB	\$68,\$29,\$10,\$F0,\$03,\$6C,\$06,\$02,\$68,\$40,\$2C,\$0F,\$D4,\$10,\$03,\$9C
50BA	000248AD0F	DB	\$00,\$02,\$48,\$AD,\$0F,\$D4,\$29,\$20,\$F0,\$03,\$4C,\$74,\$E4,\$8A,\$48,\$68
50CA	488D0FD46C	DB	\$48,\$8D,\$0F,\$D4,\$6C,\$22,\$02,\$E6,\$14,\$D0,\$08,\$E6,\$4D,\$E6,\$13,\$D0
50DA	02E612A9FE	DB	\$02,\$E6,\$12,\$A9,\$FE,\$A2,\$00,\$A4,\$4D,\$10,\$06,\$85,\$4D,\$A6,\$13,\$A9
50EA	F6854E864F	DB	\$F6,\$85,\$4E,\$86,\$4F,\$A2,\$00,\$20,\$F5,\$E8,\$D0,\$03,\$20,\$EF,\$E8,\$A5
50FA	42D008B8BD	DB	\$42,\$D0,\$08,\$BA,\$BD,\$04,\$01,\$29,\$04,\$F0,\$03,\$4C,\$3E,\$E9,\$58,\$AD
510A	0DD48D3502	DB	\$0D,\$D4,\$8D,\$35,\$02,\$AD,\$0C,\$D4,\$8D,\$34,\$02,\$AD,\$31,\$02,\$8D,\$02
511A	D4AD30028D	DB	\$D4,\$AD,\$30,\$02,\$8D,\$85,\$D4,\$AD,\$2F,\$02,\$8D,\$00,\$D4,\$AD,\$6F,\$03
512A	8D1BD0A908	DB	\$8D,\$1B,\$D0,\$A9,\$08,\$8D,\$1F,\$D0,\$A2,\$08,\$BD,\$C0,\$02,\$45,\$4F,\$25
513A	4E9D12D0CA	DB	\$4E,\$9D,\$12,\$D0,\$CA,\$10,\$F3,\$AD,\$F4,\$02,\$8D,\$09,\$D4,\$AD,\$F3,\$02
514A	8D01D4A202	DB	\$8D,\$01,\$D4,\$A2,\$02,\$20,\$F5,\$E8,\$D0,\$03,\$20,\$F2,\$24,\$02,\$E8
515A	E8BD18021D	DB	\$E8,\$BD,\$18,\$02,\$1D,\$19,\$02,\$F0,\$06,\$20,\$F5,\$E8,\$9D,\$26,\$02,\$E0
516A	08D0ECAD0F	DB	\$08,\$D0,\$EC,\$AD,\$0F,\$D2,\$29,\$04,\$F0,\$08,\$AD,\$F1,\$02,\$F0,\$03,\$CE
517A	F102AD2B02	DB	\$F1,\$02,\$AD,\$2B,\$02,\$F0,\$17,\$AD,\$0F,\$D2,\$29,\$04,\$D0,\$60,\$CE,\$2B
518A	02D00BA906	DB	\$02,\$D0,\$0B,\$A9,\$06,\$8D,\$2B,\$02,\$AD,\$09,\$D2,\$8D,\$FC,\$02,\$A0,\$01
519A	A203B900D3	DB	\$A2,\$03,\$B9,\$00,\$D3,\$4A,\$4A,\$4A,\$4A,\$9D,\$78,\$02,\$CA,\$B9,\$00,\$D3
51AA	290F9D7802	DB	\$29,\$0F,\$9D,\$78,\$02,\$CA,\$88,\$10,\$E9,\$A2,\$03,\$BD,\$10,\$D0,\$9D,\$84
51BA	02BD00D29D	DB	\$02,\$BD,\$00,\$D2,\$9D,\$70,\$02,\$BD,\$04,\$D2,\$9D,\$74,\$02,\$CA,\$10,\$EB
51CA	8D0BD2A206	DB	\$8D,\$0B,\$D2,\$A2,\$06,\$A0,\$03,\$B9,\$78,\$02,\$4A,\$4A,\$4A,\$9D,\$7D,\$02
51DA	A9002A9D7C	DB	\$A9,\$00,\$2A,\$9D,\$7C,\$02,\$CA,\$CA,\$88,\$10,\$EC,\$6C,\$24,\$02,\$A9,\$00
51EA	8D2B02F0A9	DB	\$8D,\$2B,\$02,\$F0,\$A9,\$6C,\$26,\$02,\$6C,\$28,\$02,\$BC,\$18,\$02,\$D0,\$08
51FA	BC1902F010	DB	\$BC,\$19,\$02,\$F0,\$10,\$DE,\$19,\$02,\$DE,\$18,\$02,\$D0,\$08,\$BC,\$19,\$02
520A	D003A90060	DB	\$D0,\$03,\$A9,\$00,\$60,\$A9,\$FF,\$60,\$0A,\$8D,\$2D,\$02,\$A9,\$00,\$8D,\$0E
521A	D48AAE2D02	DB	\$D4,\$8A,\$AE,\$2D,\$02,\$9D,\$17,\$02,\$98,\$9D,\$16,\$02,\$A9,\$40,\$8D,\$0E
522A	D42C0FD450	DB	\$D4,\$2C,\$0F,\$D4,\$50,\$0D,\$A9,\$E9,\$48,\$A9,\$3D,\$48,\$08,\$48,\$48,\$48
523A	6C22026068	DB	\$6C,\$22,\$02,\$60,\$68,\$A8,\$68,\$AA,\$68,\$40,\$A9,\$3C,\$8D,\$02,\$D3,\$A9
524A	3C8D03D3A9	DB	\$3C,\$8D,\$03,\$D3,\$A9,\$03,\$8D,\$32,\$02,\$85,\$41,\$8D,\$0F,\$D2,\$60,\$BA
525A	8E1803A901	DB	\$8E,\$18,\$03,\$A9,\$01,\$85,\$42,\$AD,\$00,\$03,\$C9,\$60,\$D0,\$03,\$4C,\$84
526A	EBA9008D0F	DB	\$EB,\$A9,\$00,\$8D,\$0F,\$03,\$A9,\$01,\$85,\$37,\$A9,\$0D,\$85,\$36,\$A9,\$28
527A	8D04D2A900	DB	\$8D,\$04,\$D2,\$A9,\$00,\$8D,\$06,\$D2,\$18,\$AD,\$00,\$03,\$6D,\$01,\$03,\$69
528A	FF8D3A02AD	DB	\$FF,\$8D,\$3A,\$02,\$AD,\$02,\$03,\$8D,\$3B,\$02,\$AD,\$0A,\$03,\$8D,\$3C,\$02
529A	AD0B038D3D	DB	\$AD,\$0B,\$03,\$8D,\$3D,\$02,\$18,\$A9,\$3A,\$85,\$32,\$69,\$04,\$85,\$34,\$A9
52AA	0285338535	DB	\$02,\$85,\$33,\$85,\$35,\$A9,\$34,\$8D,\$03,\$D3,\$20,\$8E,\$EC,\$AD,\$3F,\$02

52BA	D00398D007	DB	\$D0,\$03,\$98,\$D0,\$07,\$C6,\$36,\$10,\$B5,\$4C,\$06,\$EA,\$AD,\$03,\$03,\$10
52CA	0CA90D8536	DB	\$0C,\$A9,\$0D,\$85,\$36,\$20,\$6E,\$EB,\$20,\$8E,\$EC,\$F0,\$E8,\$20,\$79,\$EC
52DA	A9008D3F02	DB	\$A9,\$00,\$8D,\$3F,\$02,\$20,\$9F,\$EC,\$F0,\$12,\$2C,\$03,\$03,\$70,\$07,\$AD
52EA	3F02D018F0	DB	\$3F,\$02,\$D0,\$18,\$F0,\$1D,\$20,\$6E,\$EB,\$20,\$E2,\$EA,\$AD,\$3F,\$02,\$F0
52FA	05AD190385	DB	\$05,\$AD,\$19,\$03,\$85,\$30,\$A5,\$30,\$C9,\$01,\$F0,\$07,\$C6,\$37,\$30,\$03
530A	4C74E92063	DB	\$4C,\$74,\$E9,\$20,\$63,\$EC,\$A9,\$00,\$85,\$42,\$A4,\$30,\$8C,\$03,\$03,\$60
531A	A9008D3F02	DB	\$A9,\$00,\$8D,\$3F,\$02,\$18,\$A9,\$3E,\$85,\$32,\$69,\$01,\$85,\$34,\$A9,\$02
532A	85338535A9	DB	\$85,\$33,\$85,\$35,\$A9,\$FF,\$85,\$3C,\$20,\$E2,\$EA,\$A0,\$FF,\$A5,\$30,\$C9
533A	01D019AD3E	DB	\$01,\$D0,\$19,\$AD,\$3E,\$02,\$C9,\$41,\$F0,\$21,\$C9,\$43,\$F0,\$1D,\$C9,\$45
534A	D006A99085	DB	\$D0,\$06,\$A9,\$90,\$85,\$30,\$D0,\$04,\$A9,\$8B,\$85,\$30,\$A5,\$30,\$C9,\$8A
535A	F007A9FF8D	DB	\$F0,\$07,\$A9,\$FF,\$8D,\$3F,\$02,\$D0,\$02,\$A0,\$00,\$A5,\$30,\$8D,\$19,\$03
536A	60A9018530	DB	\$60,\$A9,\$01,\$85,\$30,\$20,\$F6,\$EB,\$A0,\$00,\$84,\$31,\$84,\$3B,\$84,\$3A
537A	B1328D0DD2	DB	\$B1,\$32,\$8D,\$0D,\$D2,\$85,\$31,\$A5,\$11,\$D0,\$03,\$4C,\$A4,\$ED,\$A5,\$3A
538A	F0F52063EC	DB	\$F0,\$F5,\$20,\$63,\$EC,\$60,\$98,\$48,\$E6,\$32,\$D0,\$02,\$E6,\$33,\$A5,\$33
539A	C5359022A5	DB	\$C5,\$35,\$90,\$22,\$A5,\$32,\$C5,\$34,\$90,\$1C,\$A5,\$3B,\$D0,\$0B,\$A5,\$31
53AA	80DD2A9FF	DB	\$8D,\$0D,\$D2,\$A9,\$FF,\$85,\$3B,\$D0,\$09,\$A5,\$10,\$09,\$08,\$85,\$10,\$8D
53BA	0ED268A868	DB	\$0E,\$D2,\$68,\$A8,\$68,\$40,\$A0,\$00,\$B1,\$32,\$8D,\$0D,\$D2,\$18,\$65,\$31
53CA	690085314C	DB	\$69,\$00,\$85,\$31,\$4C,\$BC,\$EA,\$A5,\$3B,\$F0,\$0B,\$85,\$3A,\$A5,\$10,\$29
53DA	F785108D0E	DB	\$F7,\$85,\$10,\$8D,\$0E,\$D2,\$68,\$40,\$A9,\$00,\$AC,\$0F,\$03,\$D0,\$02,\$85
53EA	3185388539	DB	\$31,\$85,\$38,\$85,\$39,\$A9,\$01,\$85,\$30,\$20,\$1F,\$EC,\$A9,\$3C,\$8D,\$03
53FA	D3A511D003	DB	\$D3,\$A5,\$11,\$D0,\$03,\$4C,\$A4,\$ED,\$AD,\$17,\$03,\$F0,\$05,\$A5,\$39,\$F0
540A	F060A98A85	DB	\$F0,\$60,\$A9,\$8A,\$85,\$30,\$60,\$98,\$48,\$AD,\$0F,\$D2,\$8D,\$0A,\$D2,\$30
541A	04A08C8430	DB	\$04,\$A0,\$8C,\$84,\$30,\$29,\$20,\$D0,\$04,\$A0,\$8E,\$84,\$30,\$A5,\$38,\$F0
542A	13AD0DD2C5	DB	\$13,\$AD,\$0D,\$D2,\$C5,\$31,\$F0,\$04,\$A0,\$8F,\$84,\$30,\$A9,\$FF,\$85,\$39
543A	68A86840AD	DB	\$68,\$A8,\$68,\$40,\$AD,\$0D,\$D2,\$A0,\$00,\$91,\$32,\$18,\$65,\$31,\$69,\$00
544A	8531E632D0	DB	\$85,\$31,\$E6,\$32,\$D0,\$02,\$E6,\$33,\$A5,\$33,\$C5,\$35,\$90,\$E2,\$A5,\$32
545A	C53490DCA5	DB	\$C5,\$34,\$90,\$DC,\$A5,\$3C,\$F0,\$06,\$A9,\$00,\$85,\$3C,\$F0,\$CE,\$A9,\$FF
546A	8538D0CC18	DB	\$85,\$38,\$D0,\$CC,\$18,\$AD,\$04,\$03,\$85,\$32,\$6D,\$08,\$03,\$85,\$34,\$AD
547A	050385336D	DB	\$05,\$03,\$85,\$33,\$6D,\$09,\$03,\$85,\$35,\$60,\$AD,\$03,\$03,\$10,\$2E,\$A9
548A	CC8D04D2A9	DB	\$CC,\$8D,\$04,\$D2,\$A9,\$05,\$8D,\$06,\$D2,\$20,\$F6,\$EB,\$A0,\$0D,\$AD,\$0B
549A	033002A096	DB	\$03,\$30,\$02,\$A0,\$96,\$A2,\$00,\$20,\$BD,\$ED,\$A9,\$34,\$8D,\$02,\$D3,\$AD
54AA	1703D0FB20	DB	\$17,\$03,\$D0,\$FB,\$20,\$6E,\$EB,\$20,\$6B,\$EA,\$4C,\$E3,\$EB,\$A9,\$FF,\$8D
54BA	0F03A008AD	DB	\$0F,\$03,\$A0,\$08,\$AD,\$0B,\$03,\$30,\$02,\$A0,\$64,\$A2,\$00,\$20,\$BD,\$ED
54CA	A9348D02D3	DB	\$A9,\$34,\$8D,\$02,\$D3,\$AD,\$17,\$03,\$D0,\$FB,\$20,\$6E,\$EB,\$20,\$79,\$EC
54DA	20BDED2014	DB	\$20,\$BD,\$ED,\$20,\$14,\$ED,\$20,\$E2,\$EA,\$AD,\$0B,\$03,\$05,\$A9,\$3C
54EA	8D02D34C0D	DB	\$8D,\$02,\$D3,\$4C,\$0D,\$EA,\$A9,\$00,\$8D,\$17,\$03,\$60,\$A9,\$07,\$2D,\$32
54FA	020920AC00	DB	\$02,\$09,\$20,\$AC,\$00,\$03,\$C0,\$60,\$D0,\$0C,\$09,\$08,\$A0,\$07,\$8C,\$02
550A	D2A0058C00	DB	\$D2,\$A0,\$05,\$8C,\$00,\$D2,\$8D,\$32,\$02,\$8D,\$0F,\$D2,\$A9,\$C7,\$25,\$10
551A	09104C35EC	DB	\$09,\$10,\$4C,\$35,\$EC,\$A9,\$07,\$2D,\$32,\$02,\$09,\$10,\$8D,\$32,\$02,\$8D
552A	0FD28D0AD2	DB	\$0F,\$D2,\$8D,\$0A,\$D2,\$A9,\$C7,\$25,\$10,\$09,\$20,\$85,\$10,\$8D,\$0E,\$D2
553A	A9288D08D2	DB	\$A9,\$28,\$8D,\$08,\$D2,\$A2,\$06,\$A9,\$A8,\$A4,\$41,\$D0,\$02,\$A9,\$A0,\$9D
554A	01D2CACAI0	DB	\$01,\$D2,\$CA,\$CA,\$10,\$F9,\$A9,\$A0,\$8D,\$05,\$D2,\$AC,\$00,\$03,\$C0,\$60
555A	F0068D01D2	DB	\$F0,\$06,\$8D,\$01,\$D2,\$8D,\$03,\$D2,\$60,\$EA,\$A9,\$C7,\$25,\$10,\$85,\$10
556A	8D0ED2A206	DB	\$8D,\$0E,\$D2,\$A2,\$06,\$A9,\$00,\$9D,\$01,\$D2,\$CA,\$CA,\$10,\$F9,\$60,\$AD
557A	06036A6AA8	DB	\$06,\$03,\$6A,\$6A,\$A8,\$29,\$3F,\$AA,\$98,\$6A,\$29,\$C0,\$A8,\$60,\$11,\$EB
558A	90EAD1EAA2	DB	\$90,\$EA,\$D1,\$EA,\$A2,\$01,\$A0,\$FF,\$88,\$D0,\$FD,\$CA,\$D0,\$F8,\$20,\$6B
559A	EAA002A200	DB	\$EA,\$A0,\$02,\$A2,\$00,\$20,\$BD,\$ED,\$20,\$1A,\$EA,\$98,\$60,\$8D,\$10,\$03
55AA	8C11032008	DB	\$8C,\$11,\$03,\$20,\$08,\$ED,\$8D,\$10,\$03,\$AD,\$0C,\$03,\$20,\$08,\$ED,\$8D
55BA	0C03AD1003	DB	\$0C,\$03,\$AD,\$10,\$03,\$38,\$ED,\$0C,\$03,\$8D,\$12,\$03,\$AD,\$11,\$03,\$38
55CA	ED0D03A8A9	DB	\$ED,\$0D,\$03,\$A8,\$A9,\$64,\$18,\$69,\$9C,\$88,\$10,\$FA,\$18,\$6D,\$12,\$03
55DA	A84A4A4A0A	DB	\$A8,\$4A,\$4A,\$4A,\$0A,\$38,\$E9,\$16,\$AA,\$98,\$29,\$07,\$A8,\$A9,\$F5,\$18
55EA	690B8810FA	DB	\$69,\$0B,\$88,\$10,\$FA,\$A0,\$00,\$8C,\$0E,\$03,\$38,\$E9,\$07,\$10,\$03,\$CE
55FA	0E03187DD2	DB	\$0E,\$03,\$18,\$7D,\$D2,\$ED,\$A8,\$AD,\$0E,\$03,\$7D,\$D3,\$ED,\$60,\$C9,\$7C
560A	300438E97C	DB	\$30,\$04,\$38,\$E9,\$7C,\$60,\$18,\$69,\$20,\$60,\$A5,\$11,\$D0,\$03,\$4C,\$A4
561A	ED78AD1703	DB	\$ED,\$78,\$AD,\$17,\$03,\$D0,\$02,\$F0,\$25,\$AD,\$0F,\$D2,\$29,\$10,\$D0,\$EA
562A	8D1603AE0B	DB	\$8D,\$16,\$03,\$AE,\$0B,\$D4,\$A4,\$14,\$8E,\$0C,\$03,\$8C,\$0D,\$03,\$A2,\$01
563A	8E1503A00A	DB	\$8E,\$15,\$03,\$A0,\$0A,\$A5,\$11,\$F0,\$61,\$AD,\$17,\$03,\$D0,\$04,\$58,\$4C

564A	0CEBAD0FD2	DB	\$0C,\$EB,\$AD,\$0F,\$D2,\$29,\$10,\$CD,\$16,\$03,\$F0,\$E9,\$8D,\$16,\$03,\$88
565A	D0E3CE1503	DB	\$D0,\$E3,\$CE,\$15,\$03,\$30,\$12,\$AD,\$0B,\$D4,\$A4,\$14,\$20,\$A7,\$EC,\$8C
566A	EE028DEF02	DB	\$EE,\$02,\$8D,\$EF,\$02,\$A0,\$09,\$D0,\$CC,\$AD,\$EE,\$02,\$8D,\$04,\$D2,\$AD
567A	EF028D06D2	DB	\$EF,\$02,\$8D,\$06,\$D2,\$A9,\$00,\$8D,\$0F,\$D2,\$AD,\$32,\$02,\$8D,\$0F,\$D2
568A	A9559132C8	DB	\$A9,\$55,\$91,\$32,\$C8,\$91,\$32,\$A9,\$AA,\$85,\$31,\$18,\$A5,\$32,\$69,\$02
569A	8532A53369	DB	\$85,\$32,\$A5,\$33,\$69,\$00,\$85,\$33,\$58,\$60,\$20,\$63,\$EC,\$A9,\$3C,\$8D
56AA	02D38D03D3	DB	\$02,\$D3,\$8D,\$03,\$D3,\$A9,\$80,\$85,\$30,\$AE,\$18,\$03,\$9A,\$C6,\$11,\$58
56BA	4C0DEAA9F0	DB	\$4C,\$0D,\$EA,\$A9,\$F0,\$8D,\$26,\$02,\$A9,\$EB,\$8D,\$27,\$02,\$A9,\$01,\$8D
56CA	170378205C	DB	\$17,\$03,\$78,\$20,\$5C,\$E4,\$58,\$60,\$E8,\$03,\$43,\$04,\$9E,\$04,\$F9,\$04
56DA	5405AF050A	DB	\$54,\$05,\$AF,\$05,\$0A,\$06,\$65,\$06,\$C0,\$06,\$1A,\$07,\$75,\$07,\$D0,\$07
56EA	A9A08D4602	DB	\$A9,\$A0,\$8D,\$46,\$02,\$60,\$A9,\$31,\$8D,\$00,\$03,\$AD,\$46,\$02,\$AE,\$02
56FA	03E021F002	DB	\$03,\$E0,\$21,\$F0,\$02,\$A9,\$07,\$8D,\$06,\$03,\$A2,\$40,\$A0,\$80,\$AD,\$02
570A	03C957D002	DB	\$03,\$C9,\$57,\$D0,\$02,\$A2,\$80,\$C9,\$53,\$D0,\$0C,\$A9,\$8D,\$04,\$03
571A	A9028D0503	DB	\$A9,\$02,\$8D,\$05,\$03,\$A0,\$04,\$8E,\$03,\$03,\$8C,\$08,\$03,\$A9,\$00,\$8D
572A	09032059E4	DB	\$09,\$03,\$20,\$59,\$E4,\$10,\$01,\$60,\$AD,\$02,\$03,\$C9,\$53,\$D0,\$0A,\$2F
573A	6DEEA002B1	DB	\$6D,\$EE,\$A0,\$02,\$B1,\$15,\$8D,\$46,\$02,\$AD,\$02,\$03,\$C9,\$21,\$D0,\$1F
574A	206DEEA0FE	DB	\$20,\$6D,\$EE,\$A0,\$FE,\$C8,\$C8,\$B1,\$15,\$C9,\$FF,\$D0,\$F8,\$C2,\$B1,\$15
575A	C8C9FFD0F2	DB	\$C8,\$C9,\$FF,\$D0,\$F2,\$88,\$88,\$8C,\$08,\$03,\$A9,\$00,\$8D,\$09,\$03,\$AC
576A	030360AD04	DB	\$03,\$03,\$60,\$AD,\$04,\$03,\$85,\$15,\$AD,\$05,\$03,\$85,\$16,\$60,\$A9,\$1E
577A	851C60EA02	DB	\$85,\$1C,\$60,\$EA,\$02,\$C0,\$03,\$A9,\$04,\$85,\$1E,\$AE,\$7D,\$EE,\$AC,\$7E
578A	EEA9538D02	DB	\$EE,\$A9,\$53,\$8D,\$02,\$03,\$8D,\$0A,\$03,\$20,\$E6,\$EE,\$20,\$59,\$E4,\$30
579A	032014EF60	DB	\$03,\$20,\$14,\$EF,\$60,\$20,\$81,\$EE,\$A9,\$00,\$85,\$1D,\$60,\$85,\$1F,\$20
57AA	1AEFA61DA5	DB	\$1A,\$EF,\$A6,\$1D,\$A5,\$1F,\$9D,\$C0,\$03,\$E8,\$E4,\$1E,\$F0,\$13,\$86,\$1D
57BA	C99BF003A0	DB	\$C9,\$9B,\$F0,\$03,\$A0,\$01,\$60,\$A9,\$20,\$9D,\$C0,\$03,\$E8,\$E4,\$1E,\$D0
57CA	F8A900851D	DB	\$F8,\$A9,\$00,\$85,\$1D,\$AE,\$7F,\$EE,\$AC,\$80,\$EE,\$20,\$E6,\$EE,\$20,\$59
57DA	E460201AEF	DB	\$E4,\$60,\$20,\$1A,\$EF,\$A6,\$1D,\$D0,\$DE,\$A0,\$01,\$60,\$8E,\$04,\$03,\$8C
57EA	0503A9408D	DB	\$05,\$03,\$A9,\$40,\$8D,\$00,\$03,\$A9,\$01,\$8D,\$01,\$03,\$A9,\$80,\$AE,\$02
57FA	03E053D002	DB	\$03,\$E0,\$53,\$D0,\$02,\$A9,\$40,\$8D,\$03,\$03,\$A5,\$1E,\$8D,\$08,\$03,\$A9
580A	008D0903A5	DB	\$00,\$8D,\$09,\$03,\$A5,\$1C,\$8D,\$06,\$03,\$60,\$AD,\$EC,\$02,\$85,\$1C,\$60
581A	A057A52BC9	DB	\$A0,\$57,\$A5,\$2B,\$C9,\$4E,\$D0,\$04,\$A2,\$28,\$D0,\$0E,\$C9,\$44,\$D0,\$04
582A	A214D006C9	DB	\$A2,\$14,\$D0,\$06,\$C9,\$53,\$D0,\$0B,\$A2,\$1D,\$86,\$1E,\$8C,\$02,\$03,\$8F
583A	0A0360A94E	DB	\$0A,\$03,\$60,\$A9,\$4E,\$D0,\$DD,\$A9,\$CC,\$8D,\$EE,\$02,\$A9,\$05,\$8D,\$ED
584A	0260A52B85	DB	\$02,\$60,\$A5,\$2B,\$85,\$3E,\$A5,\$2A,\$29,\$0C,\$C9,\$04,\$F0,\$05,\$C9,\$08
585A	F03960A900	DB	\$F0,\$39,\$60,\$A9,\$00,\$8D,\$89,\$02,\$85,\$3F,\$A9,\$01,\$20,\$58,\$F0,\$30
586A	24A9348D02	DB	\$24,\$A9,\$34,\$8D,\$02,\$D3,\$A0,\$E0,\$A2,\$01,\$A9,\$03,\$8D,\$2A,\$02,\$20
587A	5CE4AD2A02	DB	\$5C,\$E4,\$AD,\$2A,\$02,\$D0,\$FB,\$A9,\$80,\$85,\$3D,\$8D,\$8A,\$02,\$4C,\$D3
588A	EFA080C611	DB	\$EF,\$A0,\$80,\$C6,\$11,\$A9,\$00,\$8D,\$89,\$02,\$60,\$A9,\$80,\$8D,\$89,\$02
589A	A9022058F0	DB	\$A9,\$02,\$20,\$58,\$F0,\$30,\$EE,\$A9,\$CC,\$8D,\$04,\$D2,\$A9,\$05,\$8D,\$06
58AA	D2A9608D00	DB	\$D2,\$A9,\$60,\$8D,\$00,\$03,\$20,\$68,\$E4,\$A9,\$34,\$8D,\$02,\$D3,\$A9,\$03
58BA	A203A0C020	DB	\$A2,\$03,\$A0,\$C0,\$20,\$5C,\$E4,\$A9,\$FF,\$8D,\$2A,\$02,\$A5,\$11,\$F0,\$C1
58CA	AD2A02D0F7	DB	\$AD,\$2A,\$02,\$D0,\$F7,\$A9,\$00,\$85,\$3D,\$A0,\$01,\$60,\$A5,\$3F,\$30,\$33
58DA	A63DEC8A02	DB	\$A6,\$3D,\$EC,\$8A,\$02,\$F0,\$08,\$BD,\$00,\$04,\$E6,\$3D,\$A0,\$01,\$60,\$A9
58EA	522095F098	DB	\$52,\$20,\$95,\$F0,\$98,\$30,\$F7,\$A9,\$00,\$85,\$3D,\$A2,\$80,\$AD,\$FF,\$03
58FA	C9FEF00DC9	DB	\$C9,\$FE,\$F0,\$0D,\$C9,\$FA,\$D0,\$03,\$AE,\$7F,\$04,\$8E,\$8A,\$02,\$4C,\$D6
590A	EFC63FA088	DB	\$EF,\$C6,\$3F,\$A0,\$88,\$60,\$A6,\$3D,\$9D,\$00,\$04,\$E6,\$3D,\$A0,\$01,\$E0
591A	7FF00160A9	DB	\$7F,\$F0,\$01,\$60,\$A9,\$FC,\$20,\$D2,\$F0,\$A9,\$00,\$85,\$3D,\$60,\$A0,\$01
592A	60AD890230	DB	\$60,\$AD,\$89,\$02,\$30,\$08,\$A0,\$01,\$A9,\$3C,\$8D,\$02,\$D3,\$60,\$A6,\$3D
593A	F00A8E7F04	DB	\$F0,\$0A,\$8E,\$7F,\$04,\$A9,\$FA,\$20,\$D2,\$F0,\$30,\$EC,\$A2,\$7F,\$A9,\$00
594A	9D0004CA10	DB	\$9D,\$00,\$04,\$CA,\$10,\$FA,\$A9,\$FE,\$20,\$D2,\$F0,\$4C,\$32,\$F0,\$85,\$40
595A	A514186919	DB	\$A5,\$14,\$18,\$69,\$19,\$AA,\$A9,\$FF,\$8D,\$1F,\$D0,\$A9,\$00,\$A0,\$F0,\$88
596A	D0FD8D1FD0	DB	\$D0,\$FD,\$8D,\$1F,\$D0,\$A0,\$F0,\$88,\$D0,\$FD,\$E4,\$14,\$D0,\$E8,\$C6,\$40
597A	F00B8A1869	DB	\$F0,\$0B,\$8A,\$18,\$69,\$08,\$AA,\$E4,\$14,\$D0,\$FC,\$F0,\$D3,\$20,\$8C,\$F0
598A	9860AD25E4	DB	\$98,\$60,\$AD,\$25,\$E4,\$48,\$AD,\$24,\$E4,\$48,\$60,\$8D,\$02,\$03,\$A9,\$00
599A	8D0903A983	DB	\$8D,\$09,\$03,\$A9,\$83,\$8D,\$08,\$03,\$A9,\$03,\$8D,\$05,\$03,\$A9,\$FD,\$8D
59AA	0403A9608D	DB	\$04,\$03,\$A9,\$60,\$8D,\$00,\$03,\$A9,\$00,\$8D,\$01,\$03,\$A9,\$23,\$8D,\$06
59BA	03AD0203A0	DB	\$03,\$AD,\$02,\$03,\$A0,\$40,\$C9,\$52,\$F0,\$02,\$A0,\$80,\$8C,\$03,\$03,\$A5
59CA	3E8D0B0320	DB	\$3E,\$8D,\$0B,\$03,\$20,\$59,\$E4,\$60,\$8D,\$FF,\$03,\$A9,\$55,\$8D,\$FD,\$03

59DA	8DFE03A957	DB	\$8D,\$FE,\$03,\$A9,\$57,\$20,\$95,\$F0,\$60,\$50,\$30,\$E4,\$43,\$40,\$E4,\$45
59EA	00E45310E4	DB	\$00,\$E4,\$53,\$10,\$E4,\$4B,\$20,\$E4,\$7D,\$41,\$54,\$41,\$52,\$49,\$20,\$43
59FA	4F4D505554	DB	\$4F,\$4D,\$50,\$55,\$54,\$45,\$52,\$20,\$2D,\$20,\$4D,\$45,\$4D,\$4F,\$20,\$50
5A0A	41449B424F	DB	\$41,\$44,\$9B,\$42,\$4F,\$4F,\$54,\$20,\$45,\$52,\$52,\$4F,\$52,\$9B,\$45,\$3A
5A1A	9B78AD4402	DB	\$9B,\$78,\$AD,\$44,\$02,\$D0,\$04,\$A9,\$FF,\$D0,\$03,\$78,\$A9,\$00,\$85,\$08
5A2A	D8A2FF9A20	DB	\$D8,\$A2,\$FF,\$9A,\$20,\$3F,\$F2,\$20,\$81,\$F2,\$A5,\$08,\$D0,\$28,\$A9,\$00
5A3A	A008850485	DB	\$A0,\$08,\$85,\$04,\$85,\$05,\$91,\$04,\$C8,\$C0,\$00,\$D0,\$F9,\$E6,\$05,\$A6
5A4A	05E406D0F1	DB	\$05,\$E4,\$06,\$D0,\$F1,\$AD,\$72,\$E4,\$85,\$0A,\$AD,\$73,\$E4,\$85,\$0B,\$A9
5A5A	FF8D4402D0	DB	\$FF,\$8D,\$44,\$02,\$D0,\$13,\$A2,\$00,\$8A,\$9D,\$00,\$02,\$9D,\$00,\$03,\$CA
5A6A	D0F7A21095	DB	\$D0,\$F7,\$A2,\$10,\$95,\$00,\$E8,\$10,\$FB,\$A9,\$02,\$85,\$52,\$A9,\$27,\$85
5A7A	53A225BD80	DB	\$53,\$A2,\$25,\$BD,\$80,\$E4,\$9D,\$00,\$02,\$CA,\$10,\$F7,\$20,\$94,\$F2,\$58
5A8A	A20E8DE3F0	DB	\$A2,\$0E,\$8D,\$E3,\$F0,\$9D,\$1A,\$03,\$CA,\$10,\$F7,\$A2,\$00,\$86,\$07,\$86
5A9A	06AEE402E0	DB	\$06,\$AE,\$E4,\$02,\$E0,\$90,\$B0,\$0A,\$AD,\$FC,\$9F,\$D0,\$05,\$E6,\$07,\$20
5AAA	3CF2AEE402	DB	\$3C,\$F2,\$AE,\$E4,\$02,\$E0,\$B0,\$B0,\$0A,\$AE,\$FC,\$BF,\$D0,\$05,\$E6,\$06
5ABA	2039F2A903	DB	\$20,\$39,\$F2,\$A9,\$03,\$A2,\$00,\$9D,\$42,\$03,\$A9,\$18,\$9D,\$44,\$03,\$A9
5ACA	F19D4503A9	DB	\$F1,\$9D,\$45,\$03,\$A9,\$0C,\$9D,\$4A,\$03,\$20,\$56,\$E4,\$10,\$03,\$4C,\$25
5ADA	F1E8D0FDC8	DB	\$F1,\$E8,\$D0,\$FD,\$C8,\$10,\$FA,\$20,\$B2,\$F3,\$A5,\$06,\$05,\$07,\$F0,\$12
5AEA	A506F003AD	DB	\$A5,\$06,\$F0,\$03,\$AD,\$FD,\$BF,\$A6,\$07,\$F0,\$03,\$D0,\$FD,\$9F,\$29,\$01
5AFA	F0320CFF2	DB	\$F0,\$03,\$20,\$CF,\$F2,\$A9,\$00,\$8D,\$44,\$02,\$A5,\$06,\$F0,\$0A,\$FD
5B0A	BF2904F003	DB	\$BF,\$29,\$04,\$F0,\$03,\$6C,\$FA,\$BF,\$A5,\$07,\$F0,\$0A,\$AD,\$FD,\$9F,\$29
5B1A	04F00F6CFA	DB	\$04,\$F0,\$DF,\$6C,\$FA,\$9F,\$6C,\$0A,\$00,\$A2,\$F2,\$A0,\$F0,\$20,\$85,\$F3
5B2A	2030F24C2A	DB	\$20,\$30,\$F2,\$4C,\$2A,\$F2,\$AD,\$05,\$E4,\$48,\$AD,\$04,\$E4,\$48,\$60,\$6C
5B3A	FEFB6CFE9F	DB	\$FE,\$BF,\$6C,\$FE,\$9F,\$AD,\$FC,\$BF,\$D0,\$12,\$EE,\$FC,\$BF,\$AD,\$FC,\$BF
5B4A	D00AADFDBF	DB	\$D0,\$0A,\$AD,\$FD,\$BF,\$29,\$80,\$F0,\$03,\$6C,\$FE,\$BF,\$CE,\$FC,\$BF,\$A9
5B5A	008505A910	DB	\$00,\$85,\$05,\$A9,\$10,\$85,\$06,\$A0,\$00,\$B1,\$05,\$85,\$07,\$49,\$FF,\$85
5B6A	049105B105	DB	\$04,\$91,\$05,\$B1,\$05,\$C5,\$04,\$D0,\$0D,\$A5,\$07,\$91,\$05,\$A5,\$06,\$18
5B7A	69108506D0	DB	\$69,\$10,\$85,\$06,\$D0,\$E3,\$60,\$A9,\$00,\$AA,\$9D,\$00,\$D0,\$9D,\$00,\$D4
5B8A	9D00D2AEA	DB	\$9D,\$00,\$D2,\$EA,\$EA,\$EA,\$E8,\$D0,\$F1,\$60,\$C6,\$11,\$A5,\$06,\$8D,\$E4
5B9A	028DE602A9	DB	\$02,\$8D,\$E6,\$02,\$A9,\$00,\$8D,\$E5,\$02,\$A9,\$00,\$8D,\$E7,\$02,\$A9,\$07
5BAA	8DE802200C	DB	\$8D,\$E8,\$02,\$20,\$0C,\$E4,\$20,\$1C,\$E4,\$20,\$2C,\$E4,\$20,\$3C,\$E4,\$20
5BBA	4CE4206EE4	DB	\$4C,\$E4,\$20,\$6E,\$E4,\$20,\$65,\$E4,\$20,\$6B,\$E4,\$AD,\$1F,\$D0,\$29,\$01
5BCA	D002E64A60	DB	\$D0,\$02,\$E6,\$4A,\$60,\$A5,\$08,\$F0,\$0A,\$A5,\$09,\$29,\$01,\$F0,\$03,\$20
5BDA	7EF360A901	DB	\$7E,\$F3,\$60,\$A9,\$01,\$8D,\$01,\$03,\$A9,\$53,\$8D,\$02,\$03,\$20,\$53,\$E4
5BEA	100160A900	DB	\$10,\$01,\$60,\$A9,\$00,\$8D,\$0B,\$03,\$A9,\$01,\$8D,\$0A,\$03,\$A9,\$00,\$8D
5BFA	0403A9048D	DB	\$04,\$03,\$A9,\$04,\$8D,\$05,\$03,\$20,\$9D,\$F3,\$10,\$08,\$20,\$81,\$F3,\$A5
5C0A	4BF0E060A2	DB	\$4B,\$F0,\$E0,\$60,\$A2,\$03,\$BD,\$00,\$04,\$9D,\$40,\$02,\$CA,\$10,\$F7,\$AD
5C1A	42028504AD	DB	\$42,\$02,\$85,\$04,\$AD,\$43,\$02,\$85,\$05,\$AD,\$04,\$04,\$85,\$0C,\$AD,\$05
5C2A	04850DA07F	DB	\$04,\$85,\$0D,\$A0,\$7F,\$B9,\$00,\$04,\$91,\$04,\$88,\$10,\$F8,\$18,\$A5,\$04
5C3A	69808504A5	DB	\$69,\$80,\$85,\$04,\$A5,\$05,\$69,\$00,\$85,\$05,\$CE,\$41,\$02,\$F0,\$11,\$EE
5C4A	0A03209DF3	DB	\$0A,\$03,\$20,\$9D,\$F3,\$10,\$DC,\$20,\$81,\$F3,\$A5,\$4B,\$D0,\$AE,\$F0,\$F2
5C5A	A54BF00320	DB	\$A5,\$4B,\$F0,\$03,\$20,\$9D,\$F3,\$20,\$6C,\$F3,\$B0,\$A0,\$20,\$7E,\$F3,\$E6
5C6A	096018AD42	DB	\$09,\$60,\$18,\$AD,\$42,\$02,\$69,\$06,\$85,\$04,\$AD,\$43,\$02,\$69,\$00,\$85
5C7A	056C04006C	DB	\$05,\$6C,\$04,\$00,\$6C,\$0C,\$00,\$A2,\$0D,\$A0,\$F1,\$8A,\$A2,\$00,\$9D,\$44
5C8A	03989D4503	DB	\$03,\$98,\$9D,\$45,\$03,\$A9,\$09,\$9D,\$42,\$03,\$A9,\$FF,\$9D,\$48,\$03,\$20
5C9A	56E460A54B	DB	\$56,\$E4,\$60,\$A5,\$4B,\$F0,\$03,\$4C,\$7A,\$E4,\$A9,\$52,\$8D,\$02,\$03,\$A9
5CAA	018D010320	DB	\$01,\$8D,\$01,\$03,\$20,\$53,\$E4,\$60,\$A5,\$08,\$F0,\$0A,\$A5,\$09,\$29,\$02
5CCA	F00320E1F3	DB	\$F0,\$03,\$20,\$E1,\$F3,\$60,\$A5,\$4A,\$F0,\$1C,\$A9,\$80,\$85,\$3E,\$E6,\$4B
5CDA	207DE42001	DB	\$20,\$7D,\$E4,\$20,\$01,\$F3,\$A9,\$00,\$85,\$4B,\$85,\$4A,\$06,\$09,\$A5,\$0C
5CDA	8502A50D85	DB	\$85,\$02,\$A5,\$0D,\$85,\$03,\$60,\$6C,\$02,\$00,\$A9,\$FF,\$8D,\$FC,\$02,\$AD
5CEA	E60229F085	DB	\$E6,\$02,\$29,\$F0,\$85,\$6A,\$A9,\$40,\$8D,\$BE,\$02,\$60,\$A5,\$2B,\$29,\$0F
5CFA	D008A52A29	DB	\$D0,\$08,\$A5,\$2A,\$29,\$0F,\$85,\$2A,\$A9,\$00,\$85,\$57,\$A9,\$E0,\$8D,\$F4
5D0A	02A9028DF3	DB	\$02,\$A9,\$02,\$8D,\$F3,\$02,\$8D,\$2F,\$02,\$A9,\$01,\$85,\$4C,\$A9,\$C0,\$05
5D1A	1085108D0E	DB	\$10,\$85,\$10,\$8D,\$0E,\$D2,\$A9,\$00,\$8D,\$93,\$02,\$85,\$64,\$85,\$7B,\$8D
5D2A	F002A00EA9	DB	\$F0,\$02,\$A0,\$0E,\$A9,\$01,\$99,\$A3,\$02,\$88,\$10,\$FA,\$A2,\$04,\$BD,\$C1
5D3A	FE9DC402CA	DB	\$FE,\$9D,\$C4,\$02,\$CA,\$10,\$F7,\$A4,\$6A,\$88,\$8C,\$95,\$02,\$A9,\$60,\$8D
5D4A	9402A657BD	DB	\$94,\$02,\$A6,\$57,\$BD,\$69,\$FE,\$D0,\$04,\$A9,\$91,\$85,\$4C,\$85,\$51,\$A5
5D5A	6A8565BC45	DB	\$6A,\$85,\$65,\$BC,\$45,\$FE,\$A9,\$28,\$20,\$21,\$F9,\$88,\$D0,\$F8,\$AD,\$6F

5D6A	02293F8567	DB	\$02,\$29,\$3F,\$85,\$67,\$A8,\$E0,\$08,\$90,\$17,\$8A,\$6A,\$6A,\$6A,\$29,\$C0
5D7A	0567A8A910	DB	\$05,\$67,\$A8,\$A9,\$10,\$20,\$21,\$F9,\$E0,\$0B,\$D0,\$05,\$A9,\$06,\$8D,\$C8
5D8A	028C6F02A5	DB	\$02,\$8C,\$6F,\$02,\$A5,\$64,\$85,\$58,\$A5,\$65,\$85,\$59,\$AD,\$0B,\$D4,\$C9
5D9A	7AD0F9201F	DB	\$7A,\$D0,\$F9,\$20,\$1F,\$F9,\$BD,\$75,\$FE,\$F0,\$06,\$A9,\$FF,\$85,\$64,\$C6
5DAA	65A5648568	DB	\$65,\$A5,\$64,\$85,\$68,\$A5,\$65,\$85,\$69,\$20,\$13,\$F9,\$A9,\$41,\$20,\$17
5DBA	F98666A918	DB	\$F9,\$86,\$66,\$A9,\$18,\$8D,\$BF,\$02,\$A5,\$57,\$C9,\$09,\$B0,\$2D,\$A5,\$2A
5DCA	2910F027A9	DB	\$29,\$10,\$F0,\$27,\$A9,\$04,\$8D,\$BF,\$02,\$A2,\$02,\$A9,\$02,\$20,\$17,\$F9
5DDA	CA10F8A46A	DB	\$CA,\$10,\$F8,\$A4,\$6A,\$88,\$98,\$20,\$17,\$F9,\$A9,\$60,\$20,\$17,\$F9,\$A9
5DEA	422017F918	DB	\$42,\$20,\$17,\$F9,\$18,\$A9,\$0C,\$65,\$66,\$85,\$66,\$A4,\$66,\$BE,\$51,\$FE
5DFA	A5512017F9	DB	\$A5,\$51,\$20,\$17,\$F9,\$F9,\$CA,\$D0,\$F8,\$A5,\$57,\$C9,\$08,\$90,\$1C,\$A2,\$5D
5E0A	A56A38E910	DB	\$A5,\$6A,\$38,\$E9,\$10,\$20,\$17,\$F9,\$A9,\$00,\$20,\$17,\$F9,\$A9,\$4F,\$20
5E1A	17F9A55120	DB	\$17,\$F9,\$A5,\$51,\$20,\$17,\$F9,\$CA,\$D0,\$F8,\$A5,\$59,\$20,\$17,\$F9,\$A5
5E2A	582017F9A5	DB	\$58,\$20,\$17,\$F9,\$A5,\$51,\$09,\$40,\$20,\$17,\$F9,\$A9,\$70,\$20,\$17,\$F9
5E3A	A9702017F9	DB	\$A9,\$70,\$20,\$17,\$F9,\$A5,\$64,\$8D,\$30,\$02,\$A5,\$65,\$8D,\$31,\$02,\$A9
5E4A	702017F9A5	DB	\$70,\$20,\$17,\$F9,\$A5,\$64,\$8D,\$E5,\$02,\$A5,\$65,\$8D,\$E6,\$02,\$A5,\$68
5E5A	8564A56985	DB	\$85,\$64,\$A5,\$69,\$85,\$65,\$AD,\$31,\$02,\$20,\$17,\$F9,\$AD,\$30,\$02,\$20
5E6A	17F9A54C10	DB	\$17,\$F9,\$A5,\$4C,\$10,\$07,\$48,\$20,\$FC,\$F3,\$68,\$A8,\$60,\$A5,\$2A,\$29
5E7A	20D00B20B9	DB	\$20,\$D0,\$0B,\$20,\$B9,\$F7,\$8D,\$90,\$02,\$A5,\$52,\$8D,\$91,\$02,\$A9,\$22
5E8A	0D2F028D2F	DB	\$0D,\$2F,\$02,\$8D,\$2F,\$02,\$4C,\$21,\$F6,\$20,\$96,\$FA,\$20,\$A2,\$F5,\$20
5E9A	32FB20D4F9	DB	\$32,\$FB,\$20,\$D4,\$F9,\$4C,\$34,\$F6,\$20,\$47,\$F9,\$B1,\$64,\$2D,\$A0,\$02
5EAA	466FB0034A	DB	\$46,\$6F,\$B0,\$03,\$4A,\$10,\$F9,\$8D,\$FA,\$02,\$C9,\$00,\$60,\$8D,\$FB,\$02
5EBA	2096FAADFB	DB	\$20,\$96,\$FA,\$AD,\$FB,\$02,\$C9,\$7D,\$D0,\$06,\$20,\$B9,\$F7,\$4C,\$21,\$F6
5ECA	ADF02C99B	DB	\$AD,\$FB,\$02,\$C9,\$9B,\$D0,\$06,\$20,\$30,\$FA,\$4C,\$21,\$F6,\$20,\$E0,\$F5
5EDA	20D8F94C21	DB	\$20,\$D8,\$F9,\$4C,\$21,\$F6,\$AD,\$FF,\$02,\$D0,\$FB,\$A2,\$02,\$B5,\$54,\$95
5EEA	5ACA10F9AD	DB	\$5A,\$CA,\$10,\$F9,\$AD,\$FB,\$02,\$A8,\$2A,\$2A,\$2A,\$2A,\$29,\$03,\$AA,\$98
5EFA	299F1DF6FE	DB	\$29,\$9F,\$1D,\$F6,\$FE,\$8D,\$FA,\$02,\$20,\$47,\$F9,\$AD,\$FA,\$02,\$46,\$6F
5F0A	B0040A4C08	DB	\$B0,\$04,\$0A,\$4C,\$08,\$F6,\$2D,\$A0,\$02,\$85,\$50,\$AD,\$A0,\$02,\$49,\$FF
5F1A	3164055091	DB	\$31,\$64,\$05,\$50,\$91,\$64,\$60,\$20,\$A2,\$F5,\$85,\$5D,\$A6,\$57,\$D0,\$0A
5F2A	AEF002D005	DB	\$AE,\$F0,\$02,\$D0,\$05,\$49,\$80,\$20,\$FF,\$F5,\$A4,\$4C,\$A9,\$01,\$85,\$4C
5F3A	ADF026020	DB	\$AD,\$FB,\$02,\$60,\$20,\$B3,\$FC,\$20,\$88,\$FA,\$A5,\$6B,\$D0,\$34,\$A5,\$54
5F4A	856CA55585	DB	\$85,\$6C,\$A5,\$55,\$85,\$6D,\$20,\$E2,\$F6,\$84,\$4C,\$AD,\$FB,\$02,\$C9,\$9B
5F5A	F01220ADF6	DB	\$F0,\$12,\$20,\$AD,\$F6,\$20,\$B3,\$FC,\$A5,\$63,\$C9,\$71,\$00,\$03,\$20,\$0A
5F6A	F94C50F620	DB	\$F9,\$4C,\$50,\$F6,\$20,\$E4,\$FA,\$20,\$00,\$FC,\$A5,\$6C,\$85,\$54,\$A5,\$6D
5F7A	8555A56BF0	DB	\$85,\$55,\$A5,\$6B,\$F0,\$11,\$C6,\$6B,\$F0,\$0D,\$A5,\$4C,\$30,\$F8,\$20,\$93
5F8A	F58DFB024C	DB	\$F5,\$8D,\$FB,\$02,\$4C,\$B3,\$FC,\$20,\$30,\$FA,\$A9,\$9B,\$8D,\$FB,\$02,\$20
5F9A	21F6844C4C	DB	\$21,\$F6,\$84,\$4C,\$4C,\$B3,\$FC,\$6C,\$64,\$00,\$8D,\$FB,\$02,\$20,\$B3,\$FC
5FAA	2088FA20E4	DB	\$20,\$88,\$FA,\$20,\$E4,\$FA,\$20,\$8D,\$FC,\$F0,\$09,\$0E,\$A2,\$02,\$20,\$CA
5FBA	F54CB3FCAD	DB	\$F5,\$4C,\$B3,\$FC,\$AD,\$FE,\$02,\$0D,\$A2,\$02,\$D0,\$EF,\$0E,\$A2,\$02,\$E8
5FCA	BDC6FE8564	DB	\$BD,\$C6,\$FE,\$85,\$64,\$BD,\$C7,\$FE,\$85,\$65,\$20,\$A1,\$F6,\$20,\$21,\$F6
5FDA	4CB3FCA9FF	DB	\$4C,\$B3,\$FC,\$A9,\$FF,\$8D,\$FC,\$02,\$A5,\$2A,\$4A,\$B0,\$62,\$A9,\$80,\$A6
5FEA	11F058ADFC	DB	\$11,\$F0,\$58,\$AD,\$FC,\$02,\$C9,\$FF,\$F0,\$EE,\$85,\$7C,\$A2,\$FF,\$8E,\$FC
5FFA	0220D8FCAA	DB	\$02,\$20,\$D8,\$FC,\$AA,\$E0,\$C0,\$90,\$02,\$A2,\$03,\$BD,\$FE,\$FE,\$8D,\$FB
600A	02C980F0CE	DB	\$02,\$C9,\$80,\$F0,\$CE,\$C9,\$81,\$D0,\$0B,\$AD,\$B6,\$02,\$49,\$80,\$8D,\$B6
601A	024CDDF6C9	DB	\$02,\$4C,\$DD,\$F6,\$C9,\$82,\$D0,\$07,\$A9,\$00,\$8D,\$BE,\$02,\$F0,\$B4,\$C9
602A	83D007A940	DB	\$83,\$D0,\$07,\$A9,\$40,\$8D,\$BE,\$02,\$D0,\$A9,\$C9,\$84,\$D0,\$07,\$A9,\$80
603A	8DBE02D09E	DB	\$8D,\$BE,\$02,\$D0,\$9E,\$C9,\$85,\$D0,\$0A,\$A9,\$88,\$85,\$4C,\$85,\$11,\$A9
604A	9BD026A57C	DB	\$9B,\$D0,\$26,\$A5,\$7C,\$C9,\$40,\$B0,\$15,\$AD,\$FB,\$02,\$C9,\$61,\$90,\$0E
605A	C97BB00AAD	DB	\$C9,\$7B,\$B0,\$0A,\$AD,\$BE,\$02,\$F0,\$05,\$05,\$7C,\$4C,\$FE,\$F6,\$20,\$8D
606A	FCF009ADFB	DB	\$FC,\$F0,\$09,\$AD,\$FB,\$02,\$4D,\$B6,\$02,\$8D,\$FB,\$02,\$4C,\$34,\$F6,\$A9
607A	808DA20260	DB	\$80,\$8D,\$A2,\$02,\$60,\$C6,\$54,\$10,\$06,\$AE,\$BF,\$02,\$CA,\$86,\$54,\$4C
608A	5CFCE654A5	DB	\$5C,\$FC,\$E6,\$54,\$A5,\$54,\$CD,\$BF,\$02,\$90,\$F4,\$A2,\$00,\$F0,\$EE,\$C6
609A	55A5553004	DB	\$55,\$A5,\$55,\$30,\$04,\$C5,\$52,\$B0,\$04,\$A5,\$53,\$85,\$55,\$4C,\$DD,\$FB
60AA	E65A555C5	DB	\$E6,\$55,\$A5,\$55,\$C5,\$53,\$90,\$F5,\$F0,\$F3,\$A5,\$52,\$4C,\$A5,\$F7,\$20
60BA	F3FCA00098	DB	\$F3,\$FC,\$A0,\$00,\$98,\$91,\$64,\$C8,\$D0,\$FB,\$E6,\$65,\$A6,\$65,\$E4,\$6A
60CA	90F3A9FF99	DB	\$90,\$F3,\$A9,\$FF,\$99,\$B2,\$02,\$C8,\$C0,\$04,\$90,\$F8,\$20,\$E4,\$FC,\$85
60DA	63856DA900	DB	\$63,\$85,\$6D,\$A9,\$00,\$85,\$54,\$85,\$56,\$85,\$6C,\$60,\$A5,\$63,\$C5,\$52
60EA	F021A555C5	DB	\$F0,\$21,\$A5,\$55,\$C5,\$52,\$D0,\$03,\$20,\$73,\$FC,\$20,\$99,\$F7,\$A5,\$55

60FA	C553D007A5	DB	\$C5,\$53,\$D0,\$07,\$A5,\$54,\$F0,\$03,\$20,\$7F,\$F7,\$A9,\$20,\$8D,\$FB,\$02
610A	20E0F54CDD	DB	\$20,\$E0,\$F5,\$4C,\$DD,\$FB,\$20,\$AA,\$F7,\$A5,\$55,\$C5,\$52,\$D0,\$0A,\$20
611A	34FA2020FB	DB	\$34,\$FA,\$20,\$20,\$FB,\$90,\$02,\$B0,\$07,\$A5,\$63,\$20,\$25,\$FB,\$90,\$E6
612A	4CDDFBA563	DB	\$4C,\$DD,\$FB,\$A5,\$63,\$4C,\$06,\$FB,\$A5,\$63,\$4C,\$12,\$FB,\$20,\$9D,\$FC
613A	20A2F5857D	DB	\$20,\$A2,\$F5,\$85,\$7D,\$A9,\$00,\$8D,\$BB,\$02,\$20,\$FF,\$F5,\$A5,\$63,\$48
614A	20DCF968C5	DB	\$20,\$DC,\$F9,\$68,\$C5,\$63,\$B0,\$0C,\$A5,\$7D,\$48,\$20,\$A2,\$F5,\$85,\$7D
615A	684C44F820	DB	\$68,\$4C,\$44,\$F8,\$20,\$A8,\$FC,\$CE,\$BB,\$02,\$30,\$04,\$C6,\$54,\$D0,\$F7
616A	4CDDFB209D	DB	\$4C,\$DD,\$FB,\$20,\$9D,\$FC,\$20,\$47,\$F9,\$A5,\$64,\$85,\$68,\$A5,\$65,\$85
617A	69A5634820	DB	\$69,\$A5,\$63,\$48,\$20,\$D4,\$F9,\$68,\$C5,\$63,\$B0,\$10,\$A5,\$54,\$CD,\$BF
618A	02B00920A2	DB	\$02,\$B0,\$09,\$20,\$A2,\$F5,\$A0,\$00,\$91,\$68,\$F0,\$DA,\$A0,\$00,\$98,\$91
619A	682068FC20	DB	\$68,\$20,\$68,\$FC,\$20,\$A8,\$FC,\$4C,\$DD,\$FB,\$38,\$20,\$7B,\$FB,\$A5,\$52
61AA	85552047F9	DB	\$85,\$55,\$20,\$47,\$F9,\$A5,\$64,\$85,\$68,\$18,\$69,\$28,\$85,\$66,\$A5,\$65
61BA	8569690085	DB	\$85,\$69,\$69,\$00,\$85,\$67,\$A6,\$54,\$E0,\$17,\$F0,\$08,\$20,\$4E,\$FB,\$E8
61CA	E017D0F820	DB	\$E0,\$17,\$D0,\$F8,\$20,\$9B,\$FB,\$4C,\$DD,\$FB,\$20,\$DD,\$FB,\$A4,\$51,\$84
61DA	54A4549830	DB	\$54,\$A4,\$54,\$98,\$38,\$20,\$23,\$FB,\$08,\$98,\$18,\$69,\$78,\$28,\$20,\$04
61EA	FBC8C018D0	DB	\$FB,\$C8,\$C0,\$18,\$D0,\$ED,\$AD,\$B4,\$02,\$09,\$01,\$8D,\$B4,\$02,\$A5,\$52
61FA	85552047F9	DB	\$85,\$55,\$20,\$47,\$F9,\$20,\$B7,\$FB,\$20,\$20,\$FB,\$90,\$D4,\$4C,\$DD,\$FB
620A	A02020D8FC	DB	\$A0,\$20,\$20,\$D8,\$FC,\$88,\$10,\$FA,\$60,\$A9,\$02,\$D0,\$0A,\$A4,\$4C,\$30
621A	2BA0009164	DB	\$2B,\$A0,\$00,\$91,\$64,\$A9,\$01,\$8D,\$9E,\$02,\$A5,\$4C,\$30,\$1E,\$A5,\$64
622A	38ED9E0285	DB	\$38,\$ED,\$9E,\$02,\$85,\$64,\$B0,\$02,\$C6,\$65,\$A5,\$9F,\$C5,\$65,\$90,\$0C
623A	D006A50EC5	DB	\$D0,\$06,\$A5,\$0E,\$C5,\$64,\$90,\$04,\$A9,\$93,\$85,\$4C,\$60,\$A5,\$54,\$48
624A	A55548A556	DB	\$A5,\$55,\$48,\$A5,\$56,\$48,\$20,\$F3,\$FC,\$A5,\$54,\$85,\$66,\$A9,\$00,\$85
625A	67A5660A26	DB	\$67,\$A5,\$66,\$0A,\$26,\$67,\$85,\$51,\$A4,\$67,\$8C,\$9F,\$02,\$0A,\$26,\$67
626A	0A26671865	DB	\$0A,\$26,\$67,\$18,\$65,\$51,\$85,\$66,\$A5,\$67,\$6D,\$9F,\$02,\$85,\$67,\$A6
627A	57BC81FE88	DB	\$57,\$BC,\$81,\$FE,\$88,\$30,\$07,\$06,\$66,\$26,\$67,\$4C,\$7E,\$F9,\$BC,\$A5
628A	FEA55A207	DB	\$FE,\$A5,\$55,\$A2,\$07,\$88,\$30,\$0A,\$CA,\$46,\$56,\$6A,\$6E,\$A1,\$02,\$4C
629A	8FF9C81865	DB	\$8F,\$F9,\$C8,\$18,\$65,\$66,\$85,\$66,\$90,\$02,\$E6,\$67,\$38,\$6E,\$A1,\$02
62AA	18CA10F9AE	DB	\$18,\$CA,\$10,\$F9,\$AE,\$A1,\$02,\$A5,\$66,\$18,\$65,\$64,\$85,\$64,\$85,\$5E
62BA	A567656585	DB	\$A5,\$67,\$65,\$65,\$85,\$65,\$85,\$5F,\$BD,\$B1,\$FE,\$BD,\$A0,\$02,\$85,\$6F
62CA	6885566885	DB	\$68,\$85,\$56,\$68,\$85,\$55,\$68,\$85,\$54,\$60,\$A9,\$00,\$F0,\$02,\$A9,\$9B
62DA	857DE663E6	DB	\$85,\$7D,\$E6,\$63,\$E6,\$55,\$D0,\$02,\$E6,\$56,\$A5,\$55,\$A6,\$57,\$DD,\$8D
62EA	FEF00BE000	DB	\$FE,\$F0,\$0B,\$E0,\$00,\$D0,\$06,\$C5,\$53,\$F0,\$02,\$B0,\$01,\$60,\$E0,\$08
62FA	9004A556F0	DB	\$90,\$04,\$A5,\$56,\$F0,\$F7,\$A5,\$57,\$D0,\$30,\$A5,\$63,\$C9,\$51,\$90,\$0A
630A	A57DF02620	DB	\$A5,\$7D,\$F0,\$26,\$20,\$30,\$FA,\$4C,\$77,\$FA,\$20,\$34,\$FA,\$A5,\$54,\$18
631A	69782025FB	DB	\$69,\$78,\$20,\$25,\$FB,\$90,\$08,\$A5,\$7D,\$F0,\$04,\$18,\$20,\$A5,\$F8,\$4C
632A	DDFBA900F0	DB	\$DD,\$FB,\$A9,\$00,\$F0,\$02,\$A9,\$9B,\$85,\$7D,\$20,\$E4,\$FC,\$A9,\$00,\$85
633A	56E654A657	DB	\$56,\$E6,\$54,\$A6,\$57,\$A0,\$18,\$24,\$7B,\$10,\$05,\$A0,\$04,\$98,\$D0,\$03
634A	BD99FEC554	DB	\$BD,\$99,\$FE,\$C5,\$54,\$D0,\$26,\$8C,\$9D,\$02,\$8A,\$D0,\$20,\$A5,\$7D,\$F0
635A	1CC99B38F0	DB	\$1C,\$C9,\$9B,\$38,\$F0,\$01,\$18,\$20,\$AC,\$FB,\$EE,\$BB,\$02,\$C6,\$6C,\$CE
636A	9D02ADB202	DB	\$9D,\$02,\$AD,\$B2,\$02,\$38,\$10,\$EF,\$AD,\$9D,\$02,\$85,\$54,\$4C,\$DD,\$FB
637A	38B570E574	DB	\$38,\$B5,\$70,\$E5,\$74,\$95,\$70,\$B5,\$71,\$E5,\$75,\$95,\$71,\$60,\$AD,\$BF
638A	02C904F007	DB	\$02,\$C9,\$04,\$F0,\$07,\$A5,\$57,\$F0,\$03,\$20,\$FC,\$F3,\$A9,\$27,\$C5,\$53
639A	B0028553A6	DB	\$B0,\$02,\$85,\$53,\$A6,\$57,\$BD,\$99,\$FE,\$C5,\$54,\$90,\$2A,\$F0,\$28,\$E0
63AA	08D00AA556	DB	\$08,\$D0,\$0A,\$A5,\$56,\$F0,\$13,\$C9,\$01,\$D0,\$1C,\$F0,\$04,\$A5,\$56,\$D0
63BA	16BD8DFEC5	DB	\$16,\$BD,\$8D,\$FE,\$C5,\$55,\$90,\$0F,\$F0,\$0D,\$A9,\$01,\$85,\$4C,\$A9,\$80
63CA	A6118511F0	DB	\$A6,\$11,\$85,\$11,\$F0,\$06,\$60,\$20,\$D6,\$F7,\$A9,\$8D,\$85,\$4C,\$68,\$68
63DA	A57B100320	DB	\$A5,\$7B,\$10,\$03,\$20,\$B9,\$FC,\$4C,\$34,\$F6,\$A0,\$00,\$A5,\$5D,\$91,\$5E
63EA	60482907AA	DB	\$60,\$48,\$29,\$07,\$AA,\$BD,\$B9,\$FE,\$85,\$6E,\$68,\$4A,\$4A,\$4A,\$AA,\$60
63FA	2EB4022EB3	DB	\$2E,\$B4,\$02,\$2E,\$B3,\$02,\$2E,\$B2,\$02,\$60,\$90,\$0C,\$20,\$EB,\$FA,\$BD
640A	A302056E9D	DB	\$A3,\$02,\$05,\$6E,\$9D,\$A3,\$02,\$60,\$20,\$EB,\$FA,\$A5,\$6E,\$49,\$FF,\$3D
641A	A3029DA302	DB	\$A3,\$02,\$9D,\$A3,\$02,\$60,\$A5,\$54,\$18,\$69,\$78,\$20,\$EB,\$FA,\$18,\$BD
642A	A302256EF0	DB	\$A3,\$02,\$25,\$6E,\$F0,\$01,\$38,\$60,\$AD,\$FA,\$02,\$A4,\$57,\$C0,\$03,\$B0
643A	0F2A2A2A2A	DB	\$0F,\$2A,\$2A,\$2A,\$2A,\$29,\$03,\$AA,\$AD,\$FA,\$02,\$29,\$9F,\$1D,\$FA,\$FE
644A	8DFB0260A9	DB	\$8D,\$FB,\$02,\$60,\$A9,\$02,\$85,\$65,\$A9,\$47,\$85,\$64,\$A0,\$27,\$B1,\$66
645A	8550B16891	DB	\$85,\$50,\$B1,\$68,\$91,\$66,\$A5,\$50,\$91,\$64,\$88,\$10,\$F1,\$A5,\$65,\$85
646A	69A5648568	DB	\$69,\$A5,\$64,\$85,\$68,\$18,\$A5,\$66,\$69,\$28,\$85,\$66,\$90,\$02,\$E6,\$67
647A	6008A01798	DB	\$60,\$08,\$A0,\$17,\$98,\$20,\$22,\$FB,\$08,\$98,\$18,\$69,\$79,\$28,\$F2,\$04

648A	FB883004C4	DB	\$FB,\$88,\$30,\$04,\$C4,\$54,\$B0,\$EC,\$A5,\$54,\$18,\$69,\$78,\$28,\$4C,\$04
649A	FBA5528555	DB	\$FB,\$A5,\$52,\$85,\$55,\$20,\$47,\$F9,\$A0,\$27,\$A9,\$00,\$91,\$64,\$88,\$10
64AA	FB6020FAFA	DB	\$FB,\$60,\$20,\$FA,\$FA,\$A5,\$58,\$85,\$64,\$A5,\$59,\$85,\$65,\$A0,\$28,\$B1
64BA	64A66ACAE4	DB	\$64,\$A6,\$6A,\$CA,\$E4,\$65,\$D0,\$08,\$A2,\$D7,\$E4,\$64,\$80,\$02,\$A9,\$00
64CA	A0009164E6	DB	\$A0,\$00,\$91,\$64,\$E6,\$64,\$D0,\$E5,\$E6,\$65,\$A5,\$65,\$C5,\$6A,\$D0,\$DD
64DA	4CDDFBA900	DB	\$4C,\$DD,\$FB,\$A9,\$00,\$85,\$63,\$A5,\$54,\$85,\$51,\$A5,\$51,\$20,\$22,\$FB
64EA	B00CA56318	DB	\$B0,\$0C,\$A5,\$63,\$18,\$69,\$28,\$85,\$63,\$C6,\$51,\$4C,\$E5,\$FB,\$18,\$A5
64FA	6365558563	DB	\$63,\$65,\$55,\$85,\$63,\$60,\$20,\$9D,\$FC,\$A5,\$63,\$48,\$A5,\$6C,\$85,\$54
650A	A56D8555A9	DB	\$A5,\$6D,\$85,\$55,\$A9,\$01,\$85,\$6B,\$A2,\$17,\$A5,\$7B,\$10,\$02,\$A2,\$03
651A	E454D00BA5	DB	\$E4,\$54,\$D0,\$0B,\$A5,\$55,\$C5,\$53,\$D0,\$05,\$E6,\$6B,\$4C,\$39,\$FC,\$20
652A	D4F9E66BA5	DB	\$D4,\$F9,\$E6,\$6B,\$A5,\$63,\$C5,\$52,\$D0,\$DE,\$C6,\$54,\$20,\$99,\$F7,\$20
653A	A2F5D017C6	DB	\$A2,\$F5,\$D0,\$17,\$C6,\$6B,\$A5,\$63,\$C5,\$52,\$F0,\$0F,\$20,\$99,\$F7,\$A5
654A	55C553D002	DB	\$55,\$C5,\$53,\$D0,\$02,\$C6,\$54,\$A5,\$6B,\$D0,\$E4,\$68,\$85,\$63,\$20,\$A8
655A	FC6020DDFB	DB	\$FC,\$60,\$20,\$DD,\$FB,\$A5,\$51,\$85,\$6C,\$A5,\$52,\$85,\$6D,\$60,\$A5,\$63
656A	C552D002C6	DB	\$C5,\$52,\$D0,\$02,\$C6,\$54,\$20,\$DD,\$FB,\$A5,\$63,\$C5,\$52,\$F0,\$13,\$20
657A	47F9A55338	DB	\$47,\$F9,\$A5,\$53,\$38,\$E5,\$52,\$A8,\$B1,\$64,\$D0,\$06,\$88,\$10,\$F9,\$4C
658A	DBF860A22D	DB	\$DB,\$F8,\$60,\$A2,\$2D,\$BD,\$C6,\$FE,\$CD,\$FB,\$02,\$F0,\$05,\$CA,\$CA,\$CA
659A	10F360A202	DB	\$10,\$F3,\$60,\$A2,\$02,\$B5,\$54,\$9D,\$B8,\$02,\$CA,\$10,\$F8,\$60,\$A2,\$02
65AA	BDB8029554	DB	\$BD,\$B8,\$02,\$95,\$54,\$CA,\$10,\$F8,\$60,\$20,\$B9,\$FC,\$4C,\$34,\$F6,\$AD
65BA	BF02C918F0	DB	\$BF,\$02,\$C9,\$18,\$F0,\$17,\$A2,\$0B,\$B5,\$54,\$48,\$BD,\$90,\$02,\$95,\$54
65CA	689D9002CA	DB	\$68,\$9D,\$90,\$02,\$CA,\$10,\$F1,\$A5,\$7B,\$49,\$FF,\$85,\$7B,\$60,\$A2,\$7F
65DA	8E1FD08E0A	DB	\$8E,\$1F,\$D0,\$8E,\$0A,\$D4,\$CA,\$10,\$F7,\$60,\$A9,\$00,\$A6,\$7B,\$D0,\$04
65EA	A657D002A5	DB	\$A6,\$57,\$D0,\$02,\$A5,\$52,\$85,\$55,\$60,\$A5,\$58,\$85,\$64,\$A5,\$59,\$85
65FA	6560A200A5	DB	\$65,\$60,\$A2,\$00,\$A5,\$22,\$C9,\$11,\$F0,\$08,\$C9,\$12,\$F0,\$03,\$A0,\$84
660A	60E88EB702	DB	\$60,\$E8,\$8E,\$B7,\$02,\$A5,\$54,\$85,\$60,\$A5,\$55,\$85,\$61,\$A5,\$56,\$85
661A	62A9018579	DB	\$62,\$A9,\$01,\$85,\$79,\$85,\$7A,\$38,\$A5,\$60,\$E5,\$5A,\$85,\$76,\$B0,\$00
662A	A9FF8579A5	DB	\$A9,\$FF,\$85,\$79,\$A5,\$76,\$49,\$FF,\$18,\$69,\$01,\$85,\$76,\$38,\$A5,\$61
663A	E55B8577A5	DB	\$E5,\$5B,\$85,\$77,\$A5,\$62,\$E5,\$5C,\$85,\$78,\$B0,\$16,\$A9,\$FF,\$85,\$7A
664A	A57749FF85	DB	\$A5,\$77,\$49,\$FF,\$85,\$77,\$A5,\$78,\$49,\$FF,\$85,\$78,\$E6,\$77,\$D0,\$02
665A	E678A202A0	DB	\$E6,\$78,\$A2,\$02,\$A0,\$00,\$84,\$73,\$98,\$95,\$70,\$B5,\$5A,\$95,\$54,\$CA
666A	10F6A577E8	DB	\$10,\$F6,\$A5,\$77,\$E8,\$A8,\$A5,\$78,\$85,\$7F,\$85,\$75,\$D0,\$0B,\$A5,\$77
667A	C576B005A5	DB	\$C5,\$76,\$B0,\$05,\$A5,\$76,\$A2,\$02,\$A8,\$98,\$85,\$7E,\$85,\$74,\$48,\$A5
668A	754A686A95	DB	\$75,\$4A,\$68,\$6A,\$95,\$70,\$A5,\$7E,\$05,\$7F,\$D0,\$03,\$4C,\$42,\$FE,\$18
669A	A570657685	DB	\$A5,\$70,\$65,\$76,\$85,\$70,\$90,\$02,\$E6,\$71,\$A5,\$71,\$C5,\$75,\$90,\$14
66AA	D006A570C5	DB	\$D0,\$06,\$A5,\$70,\$C5,\$74,\$90,\$0C,\$18,\$A5,\$54,\$65,\$79,\$54,\$A2
66BA	00207AFA18	DB	\$00,\$20,\$7A,\$FA,\$18,\$A5,\$72,\$65,\$77,\$85,\$72,\$A5,\$73,\$65,\$78,\$85
66CA	73C5759027	DB	\$73,\$C5,\$75,\$90,\$27,\$D0,\$06,\$A5,\$72,\$C5,\$74,\$90,\$1F,\$24,\$7A,\$10
66DA	10C655A555	DB	\$10,\$C6,\$55,\$A5,\$55,\$C9,\$FF,\$D0,\$0E,\$A5,\$56,\$F0,\$0A,\$C6,\$56,\$10
66EA	06E655D002	DB	\$06,\$E6,\$55,\$D0,\$02,\$E6,\$56,\$A2,\$02,\$20,\$7A,\$FA,\$20,\$96,\$FA,\$20
66FA	E0F5ADB702	DB	\$E0,\$F5,\$AD,\$B7,\$02,\$F0,\$2F,\$20,\$9D,\$FC,\$AD,\$FB,\$02,\$8D,\$BC,\$02
670A	A5544820DC	DB	\$A5,\$54,\$48,\$20,\$DC,\$F9,\$68,\$85,\$54,\$20,\$96,\$FA,\$20,\$A2,\$F5,\$D0
671A	0CADFD028D	DB	\$0C,\$AD,\$FD,\$02,\$8D,\$FB,\$02,\$20,\$E0,\$F5,\$4C,\$0A,\$FE,\$AD,\$BC,\$02
672A	8DFB0220A8	DB	\$8D,\$FB,\$02,\$20,\$A8,\$FC,\$38,\$A5,\$7E,\$E9,\$01,\$85,\$7E,\$A5,\$7F,\$E9
673A	00857F3003	DB	\$00,\$85,\$7F,\$30,\$03,\$4C,\$90,\$FD,\$4C,\$34,\$F6,\$18,\$10,\$0A,\$0A,\$10
674A	1C3464C4C4	DB	\$1C,\$34,\$64,\$C4,\$C4,\$C4,\$C4,\$17,\$17,\$0B,\$17,\$2F,\$2F,\$5F,\$5F,\$61
675A	6161611313	DB	\$61,\$61,\$61,\$13,\$13,\$09,\$13,\$27,\$27,\$4F,\$4F,\$41,\$41,\$41,\$41,\$02
676A	060708090A	DB	\$06,\$07,\$08,\$09,\$0A,\$0B,\$0D,\$0F,\$0F,\$0F,\$0F,\$00,\$00,\$00,\$00,\$00
677A	0000010101	DB	\$00,\$00,\$01,\$01,\$01,\$01,\$01,\$02,\$01,\$01,\$01,\$00,\$00,\$01,\$01,\$02,\$02
678A	0202022814	DB	\$02,\$02,\$02,\$28,\$14,\$14,\$28,\$50,\$50,\$A0,\$A0,\$40,\$50,\$50,\$50,\$18
679A	180C183030	DB	\$18,\$0C,\$18,\$30,\$30,\$60,\$60,\$C0,\$C0,\$C0,\$C0,\$00,\$00,\$00,\$02,\$03
67AA	0203020301	DB	\$02,\$03,\$02,\$03,\$01,\$01,\$01,\$00,\$FF,\$F0,\$0F,\$C0,\$30,\$0C,\$03,\$80
67BA	4020100804	DB	\$40,\$20,\$10,\$08,\$04,\$02,\$01,\$28,\$CA,\$94,\$46,\$00,\$1B,\$79,\$F7,\$1C
67CA	7FF71D8CF7	DB	\$7F,\$F7,\$1D,\$8C,\$F7,\$1E,\$99,\$F7,\$1F,\$AA,\$F7,\$7D,\$B9,\$F7,\$7E,\$E6
67DA	F77F10F89B	DB	\$F7,\$7F,\$10,\$F8,\$9B,\$30,\$FA,\$9C,\$D4,\$F8,\$9D,\$A4,\$F8,\$9E,\$32,\$F8
67EA	9F2DF8FD0A	DB	\$9F,\$2D,\$F8,\$FD,\$0A,\$F9,\$FE,\$6D,\$F8,\$FF,\$37,\$F8,\$40,\$00,\$20,\$60
67FA	204000606C	DB	\$20,\$40,\$00,\$60,\$6C,\$6A,\$3B,\$80,\$80,\$6B,\$2B,\$2A,\$6F,\$80,\$70,\$75
680A	9B692D3D76	DB	\$9B,\$69,\$2D,\$3D,\$76,\$80,\$63,\$80,\$80,\$62,\$78,\$7A,\$34,\$80,\$33,\$36

681A	1B3532312C	DB	\$1B,\$35,\$32,\$31,\$2C,\$20,\$2E,\$6E,\$80,\$6D,\$2F,\$81,\$72,\$80,\$65,\$79
682A	7F74777139	DB	\$7F,\$74,\$77,\$71,\$39,\$80,\$30,\$37,\$7E,\$38,\$3C,\$3E,\$66,\$68,\$64,\$80
683A	826773614C	DB	\$82,\$67,\$73,\$61,\$4C,\$4A,\$3A,\$80,\$80,\$4B,\$5C,\$5E,\$4F,\$80,\$50,\$55
684A	9B495F7C56	DB	\$9B,\$49,\$5F,\$7C,\$56,\$80,\$43,\$80,\$80,\$42,\$58,\$5A,\$24,\$80,\$23,\$26
685A	1B2522215B	DB	\$1B,\$25,\$22,\$21,\$5B,\$20,\$5D,\$4E,\$80,\$4D,\$3F,\$81,\$52,\$80,\$45,\$59
686A	9F54575128	DB	\$9F,\$54,\$57,\$51,\$28,\$80,\$29,\$27,\$9C,\$40,\$7D,\$9D,\$46,\$48,\$44,\$80
687A	834753410C	DB	\$83,\$47,\$53,\$41,\$0C,\$0A,\$7B,\$80,\$80,\$0B,\$1E,\$1F,\$0F,\$80,\$10,\$15
688A	9B091C1D16	DB	\$9B,\$09,\$1C,\$1D,\$16,\$80,\$03,\$80,\$80,\$02,\$18,\$1A,\$80,\$80,\$85,\$80
689A	1B80FD8000	DB	\$1B,\$80,\$FD,\$80,\$00,\$20,\$60,\$0E,\$80,\$0D,\$80,\$81,\$12,\$80,\$05,\$19
68AA	9E14171180	DB	\$9E,\$14,\$17,\$11,\$80,\$80,\$80,\$80,\$FE,\$80,\$7D,\$FF,\$06,\$08,\$04,\$80
68BA	84071301AD	DB	\$84,\$07,\$13,\$01,\$AD,\$09,\$D2,\$CD,\$F2,\$02,\$D0,\$05,\$AD,\$F1,\$02,\$D0
68CA	20AD09D2C9	DB	\$20,\$AD,\$09,\$D2,\$C9,\$9F,\$D0,\$0A,\$AD,\$FF,\$02,\$49,\$FF,\$8D,\$FF,\$02
68DA	B00F8DFC02	DB	\$B0,\$0F,\$8D,\$FC,\$02,\$8D,\$F2,\$02,\$A9,\$03,\$8D,\$F1,\$02,\$A9,\$00,\$85
68EA	4DA9308D2B	DB	\$4D,\$A9,\$30,\$8D,\$2B,\$02,\$68,\$40,\$FF,\$FF,\$FF,\$FF,\$FF,\$FF,\$D6,\$57
68FA	B4E777E4F3	DB	\$B4,\$E7,\$77,\$E4,\$F3,\$E6

6900 RAMEND
 6900 END RAMLOAD

no ERRORS, 185 Labels, \$80C1 free.

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?Q0003 3D6C
?Q0004 3D95
?Q0005 3DBE
?Q0006 3DE7
?Q0007 3E10
?Q0008 3E39
?Q0009 3E62
?Q000A 3E8B
?Q000B 3EB4
?Q000C 3EDD
?Q000D CF38
?X000E CF7B
?X000F CF98
?X0010 CFB9
?Y000E CF88
?Y000F CFA5
?Y0010 CFC6
?Z0003 3D59
?Z0004 3D82
?Z0005 3DAB
?Z0006 3DD4
?Z0007 3DFD
?Z0008 3E26
?Z0009 3E4F
?Z000A 3E78
?Z000B 3EA1
?Z000C 3ECA
?Z000D 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   42/18     42/18   42/19   42/19   42/20   42/20   42/21   42/21   44/52   44/52
n CPYRT CFD1     45#57
s CRITIC 0042   43/30   43/58
CRTLEN 0012     38#54   41/27
    
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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    42/14    42/14    42/14    42/14
42/18  42/18
          42/18    42/18    42/19    42/19    42/19    42/19    42/20    42/20    42/20    42/20    42/21
42/21  42/21
          42/21    44/52    44/52    44/52    44/52
      DLI   3C1A    39/23    39/25    40#53
      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
s 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 NMIEEN 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
s OSOBJ  4100    42/ 9    42/ 9    48# 5
s OSTYPE FCD8    3/47

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		2#24	42/ 9	42/10	42/11	42/12	42/13	42/14	42/18	42/19	42/20	42/21
44/52	PATCH mac											
	PATCLD 3F1C	42/20	42/20	43#12								
	PATDIN 3F22	42/21	42/21	43#14								
	PATIRQ 3F10	42/18	42/18	43# 8								
	PATNMI 3F13	42/19	42/19	43# 9								
	PATPIO 3F1F	42/12	42/12	43#13								
	PATROJ 3F16	42/13	42/13	43#10								
	PATSIZ 3F19	42/14	42/14	43#11								
	PBILOD CF51	45# 7	45/10									
	PBISAV 3EFA	42#45	42/48									
	PC0COD 3F84	42/11	42/11	44#25	46/ 5							
	PC0LEN 00FF	42/11	42/11	46# 5								
s	PDIOV D805	43/42										
s	PDVMSK 0247	42/45	43/34	44/ 7	45/ 8							
s	PDVS D1FF	43/49	44/16									
	PDVSEL CE4D	44/ 8	44#19									
	PHASE1 08FB	3/13	6#29									
	PIO CE00	43/13	43#29									
	PIOCOD 3F25	42/10	42/10	43#24	44/23							
	PIOEND CE2A	43/50	43#55									
	PIOLEN 005F	42/10	42/10	44#23								
s	POKMSK 0010	45/39										
s	PORTB D301	41/49	41/51	44/36	44/38							
s	PRIOR D01B	40/57										
s	PUPBT1 033D	42/36	44/59									
s	PUTCHR 000B	3/40										
s	PUTREC 0009	5/ 6										
	RAMCHK 0752	3/49	4# 5									
	RAMEND 6900	39/54	60# 5									
s	RAMLIN 0160	44/52	44/52	45/34	45/34	45/34	45/34	45/38	45/38	45/38	45/38	45/43
45/43	45/43											
		45/43										
s	RAMLOA 0700	3/11	3/13	3/14	4/40	6/ 7	6/ 8	39/52	60/ 6			
s	RAMP10 CE00	42/10	42/10	43/25								
s	RAMSCA CF00	42/11	42/11	44/26								
s	RAMSIZ 02E4	4/ 5	41/24									
s	RANDOM D20A	4/27										
	RECON 3EEF	42#36	42/39									
	RESET 0001	2#57	42/15									
	REWARM CF46	44#58	44/61									
s	RTCLOK 0012	39/44	39/45									
s	SAVMSC 0058	3/31	3/33									
	SCRMEM 0813	3/32	3/34	6#12								
s	SDLST 0230	3/25	3/27	39/19	39/21							
s	SDMCTL 022F	39/14	39/43	41/43								
	SELECT 3D1F	41#36	41/40									
	SELTXT 3B2C	38#46	40/32	40/35	40/36	40/42	40/44					
s	SETVBV E45C	39/38										
	SHADOW 3BB4	39#45	39/46									
s	SHPDVS 0248	43/48	44/15									
s	SIOENT E959	43/53										
	SIZRAM CF61	43/11	45#19									
	SIZRTS CF6D	45/23	45#25									
s	SOURCE 0082	42/ 9	42/ 9	42/ 9	42/ 9	42/10	42/10	42/10	42/10	42/11	42/11	42/11
42/11	42/12											
		42/12	42/12	42/12	42/13	42/13	42/13	42/13	42/14	42/14	42/14	42/14
42/18	42/18											
		42/18	42/18	42/19	42/19	42/19	42/19	42/20	42/20	42/20	42/20	42/21
42/21	42/21											
		42/21	44/52	44/52	44/52	44/52						
	SSCR1 1000	4/22	4/24	6/ 7	6/ 7	7#15	20/19					

	SSCR2	1E00	6/ 8	6/ 8	20#17													
	SSCR3	3000	4/36	4/38	4/40	4/42	7/33	20/31	28#15									
	SSM1	1067	7/20	7#36														
	SSM2	1047	20/24	20#34														
	SSM3	3046	28/17	28#30														
	SSTXT	3A6E	38#10	40/19	40/22													
	STKCOD	CF00	44#33	44/40	44/52	44/52												
	STKLEN	000F	44#40	44/52	44/52													
	STXTM	3A80	38/11	38#16														
	SVCRTC	CFCD	42/33	44/54	45#51													
	SVDINI	CFC9	43/14	45/34	45/34	45/34	45/38	45/38	45/43	45/43	45#48							
	SVINTL	CFCC	42/31	44/52	45#50													
	SVPBI	CE55	42/46	44#20	45/ 7													
	SVPORT	CFCB	42/28	44/37	45#49													
	SVPUCH	CFCE	42/37	44/58	45#52													
	SWAPOS	3D00	39/48	39/50	39/52	39/54	39/57	41#19										
s	TRAMSZ	0006	45/21															
	TROJAN	CF0F	43/10	44#52														
s	TXTFLG	008A	39/16	40/14	40/26	40/54	41/34											
	TXTON	3D1B	41/26	41#33														
s	VBCLOK	008C	40/13	40/28	40/30	40/39	40/47											
	VBFLON	3C06	40/33	40#41														
	VBFLSH	3BEC	40/17	40#30														
	VBL	3BD1	39/35	39/36	40#13													
	VBOUT	3C17	40/15	40/31	40/40	40#51												
s	VDSLST	0200	39/24	39/26														
s	VVBLKI	0222	45/43															
s	WARMSV	E474	44/39															
	WATCH	mac	2# 7	45/34	45/38	45/43												
s	XITVBV	E462	40/51															
	YESDEV	CE46	44/ 9	44#15														