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

The document itself begins on the next page.

Document source:

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

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

Comments:

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

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

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

0000                ;       ================================================================
                    ;
                    ;       ATARI Translator
                    ;
                    ;       Version 3                       (Configured for PAL TV systems)
                    ;       February 1, 1984
                    ;
                    ;       This auto-booting diskette installs an ATARI 800 Operating
                    ;       System (PAL Rev. A) in RAM "under" the ROM-based O.S. in
                    ;       an XL-line computer.  It exists to allow consumers to run
                    ;       most 3rd party software which would otherwise fail to exe-
                    ;       cute on the XL computers due to "violations" of the rules
                    ;       for proper Operating System usage.  It is NOT meant to en-
                    ;       courage continued disregard for the stated O.S. guidelines
                    ;       by independent software vendors.
                    ;
                    ;       Once this disk has been loaded, the user is prompted to
                    ;       remove it and insert the application diskette (or cassette)
                    ;       and press the [SELECT] key.  When this occurs the system
                    ;       undertakes a COLD START in the new, RAM-based O.S. envir-
                    ;       onment.  For all intents and purposes, the machine should
                    ;       then look exactly like an ATARI 800 (with the few caveats
                    ;       outlined below) and the program should boot and run fine.
                    ;
                    ;       In order to properly service a [RESET]-triggered WARM START,
                    ;       the RAM-based O.S. has been modified to continually "watch"
                    ;       the contents of the DOSINI vector.  When/if the application
                    ;       sets this vector the O.S. saves the contents and steals it
                    ;       back so that it always points to some code which re-enables
                    ;       the soft O.S. upon [RESET].  A normal WARM START is then
                    ;       processed by the soft O.S.  This [RESET] key handling only
                    ;       works for applications which do not themselves jump through
                    ;       DOSINI.  Side 'B' of the TRANSLATOR diskette has been config-
                    ;       ured to allow programs of this class (ie. any which boot the
                    ;       850 Interface Module) to run properly.  However, in this case
                    ;       the [RESET] key will not reselect the RAM-based O.S.
                    ;
                    ;       The Translator assumes the following conditions for proper
                    ;       operation:
                    ;
                    ;          +  64K RAM system  (ie. 600XL w/expansion module)
                    ;          +  The application does not write to PORTB ($D301)
                    ;          +  IRQs and NMIs are not permanently disabled by the
                    ;             application  (or [RESET] may not function correctly)
                    ;          +  Application does not alter locations $0160 thru $0170
                    ;          +  Application does not expect RAM in 4K block at $C000
                    ;
                    ;       By configuring the system as an ATARI 800, the application
                    ;       will not be able to take advantage of certain XL-specific
                    ;       features, such as function keys F1-F4, the HELP key, etc.
                    ;
                    ;       MODS:   Joe Miller  International version (PAL Rev. A)  84-02-03
                    ;               Joe Miller  Add parallel disk drive support     83-11-04
                    ;               Joe Miller  Add graphics and code for [RESET]   83-09-15
                    ;               Greg Riker  Original implementation             83-03-20
                    ;
                    ;       ================================================================
```

```
0000                    LIST    I,-M

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

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

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

                        LDA     #high %3
                        BEQ     ?Q%K

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

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

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

```
0000

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

0000  = 0700            ORG     RAMLOAD
0700  00                DB      0
0701  04                DB      [PHASE1 - RAMLOAD + 127] / 128
0702  0007              DW      RAMLOAD
0704  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     #OS800
0740  D010 ^0752        BNE     RAMCHK          ;If we're running on a 400/800
0742  A91C              LDA     #low ERR1
0744  8D4403            STA     ICBA            ;   Save address of error message
0747  A908              LDA     #high ERR1
0749  8D4503      ABORT STA     ICBA+1

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

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

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

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

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

0792  A900                LDA     #low SSCR3
0794  8D0403              STA     DBUF            ;Address of 'camshaft' graphic
0797  A930                LDA     #high SSCR3
0799  8D0503              STA     DBUF+1
079C  A953                LDA     #low [[SSCR3 - RAMLOAD]/128] + 1
079E  8D0A03              STA     DAUX1           ;Starting sector
07A1  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                     ;Show boot completed
07A9  60                  RTS                     ;Return to O.S.  ==>
```

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

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

07D2  60                  RTS


07D3  4C77E4      GETBAD  JMP     COLDSV

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

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

0802  60                  RTS
```

```
0803

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

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


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


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


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

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


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

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

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


1067                SSM1                            ;Screen image

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

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

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

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

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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
```

Display Data

```
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
```

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1667  DDDD202DD2          DB      $DD,$DD,$20,$2D,$D2,$02,$DD,$DD
166F  D200000000          DB      $D2,$00,$00,$00,$00,$00,$00,$00
1677  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 42
                  *
167F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1687  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$2E
168F  EEEE202EE2          DB      $EE,$EE,$20,$2E,$E2,$02,$EE,$EE
1697  E200000000          DB      $E2,$00,$00,$00,$00,$00,$00,$00
169F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 43
                  *
16A7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
16AF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$1E
16B7  EEE1101EE1          DB      $EE,$E1,$10,$1E,$E1,$01,$1E,$EE
16BF  E100000000          DB      $E1,$00,$00,$00,$00,$00,$00,$00
16C7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 44
                  *
16CF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
16D7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$1E
16DF  EEE1101EE1          DB      $EE,$E1,$10,$1E,$E1,$01,$1E,$EE
16E7  E100000000          DB      $E1,$00,$00,$00,$00,$00,$00,$00
16EF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 45
                  *
16F7  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
16FF  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$1F
1707  FFF1101FF1          DB      $FF,$F1,$10,$1F,$F1,$01,$1F,$FF
170F  F100000000          DB      $F1,$00,$00,$00,$00,$00,$00,$00
1717  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 46
                  *
171F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
1727  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$0F
172F  FFF0000FF0          DB      $FF,$F0,$00,$0F,$F0,$00,$0F,$FF
1737  F000000000          DB      $F0,$00,$00,$00,$00,$00,$00,$00
173F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  *
                  * ROW 47
                  *
1747  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
174F  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$0F
1757  FFF0000FF0          DB      $FF,$F0,$00,$0F,$F0,$00,$0F,$FF
175F  F000000000          DB      $F0,$00,$00,$00,$00,$00,$00,$00
1767  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00
                  * ROW 64
                  *
176F  00000000FF          DB      $00,$00,$00,$00,$FF,$FF,$FF,$F0
1777  FFF00000F0          DB      $FF,$F0,$00,$00,$F0,$00,$FF,$00
177F  0FF000F000          DB      $0F,$F0,$00,$F0,$00,$FF,$F0,$00
1787  0F000FFFFF          DB      $0F,$00,$0F,$FF,$FF,$FF,$00,$0F
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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  F11F000F1F          DB      $F1,$1F,$00,$0F,$1F,$00,$F1,$00
17A7  0F100E1F00          DB      $0F,$10,$0E,$1F,$00,$F1,$F0,$00
17AF  F1F00F0111          DB      $F1,$F0,$0F,$01,$11,$0F,$00,$F1
17B7  F00F11F000          DB      $F0,$0F,$11,$F0,$00,$00,$00,$00
                  *
                  * ROW 66
                  *
17BF  00000000F2          DB      $00,$00,$00,$00,$F2,$22,$22,$F0
17C7  F11F000E1E          DB      $F1,$1F,$00,$0E,$1E,$00,$F1,$00
17CF  0F100E1E00          DB      $0F,$10,$0E,$1E,$00,$F2,$F0,$00
17D7  E1E00F2222          DB      $E1,$E0,$0F,$22,$22,$2F,$00,$E1
17DF  E00F11F000          DB      $E0,$0F,$11,$F0,$00,$00,$00,$00
                  *
                  * ROW 67
                  *
17E7  00000000F2          DB      $00,$00,$00,$00,$F2,$22,$22,$F0
17EF  F11EE00222          DB      $F1,$1E,$E0,$02,$22,$00,$F2,$00
17F7  0F20EE2ED0          DB      $0F,$20,$EE,$2E,$D0,$F2,$F0,$00
17FF  22200F2222          DB      $22,$20,$0F,$22,$22,$2F,$00,$22
1807  200F11EE00          DB      $20,$0F,$11,$EE,$00,$00,$00,$00
                  *
                  * ROW 68
                  *
180F  00000000F3          DB      $00,$00,$00,$00,$F3,$33,$33,$F0
1817  E222E0E222          DB      $E2,$22,$E0,$E2,$22,$E0,$E2,$00
181F  0E20D222D0          DB      $0E,$20,$D2,$22,$D0,$F3,$F0,$0E
1827  222E0F3333          DB      $22,$2E,$0F,$33,$33,$3F,$0E,$22
182F  2E0E222E00          DB      $2E,$0E,$22,$2E,$00,$00,$00,$00
                  *
                  * ROW 69
                  *
1837  00000000F3          DB      $00,$00,$00,$00,$F3,$33,$33,$F0
183F  E222E02222          DB      $E2,$22,$E0,$22,$22,$20,$E2,$00
1847  0E20D222D0          DB      $0E,$20,$D2,$22,$D0,$F3,$F0,$02
184F  22220F3333          DB      $22,$22,$0F,$33,$33,$3F,$02,$22
1857  220E222E00          DB      $22,$0E,$22,$2E,$00,$00,$00,$00
                  *
                  * ROW 70
                  *
185F  00000000F3          DB      $00,$00,$00,$00,$F3,$33,$33,$F0
1867  D222D02333          DB      $D2,$22,$D0,$23,$33,$20,$D2,$A0
186F  0D20D232C0          DB      $0D,$20,$D2,$32,$C0,$F3,$F0,$02
1877  33320F3333          DB      $33,$32,$0F,$33,$33,$3F,$02,$33
187F  320D222D00          DB      $32,$0D,$22,$2D,$00,$00,$00,$00
                  *
                  * ROW 71
                  *
1887  00000000F3          DB      $00,$00,$00,$00,$F3,$33,$33,$F0
188F  D333D03333          DB      $D3,$33,$D0,$33,$33,$30,$D3,$A0
1897  0D30D333C0          DB      $0D,$30,$D3,$33,$C0,$F3,$F0,$03
189F  33330F3333          DB      $33,$33,$0F,$33,$33,$3F,$03,$33
18A7  330D333D00          DB      $33,$0D,$33,$3D,$00,$00,$00,$00
```

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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
                *
```

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

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

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


1DFF  = 1DFF            ORG     *O

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

1E00            SSCR2

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

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


1047#           SSM2                            ;Screen image

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

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

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

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

Display Data

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

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

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

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

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

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


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

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


3046            SSM3

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

Display Data

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

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

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

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

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

Display Data

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

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

Display Data

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

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

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

3A6E  42          SSTXT   DB      $42
3A6F  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

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

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

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

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      0,0,0,0,0,0,0,0,0,0,0

                          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              ;Link a deferred vertical blank routine
3BA5  205CE4            JSR     SETVBV

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

3BB8  A900              LDA     #low SWAPOS
3BBA  8D0403            STA     DBUF            ;Bring all remaining sectors in
3BBD  A93D              LDA     #high SWAPOS
3BBF  8D0503            STA     DBUF+1
3BC2  A96D              LDA     #low [[SWAPOS - RAMLOAD]/128] + 1
3BC4  8D0A03            STA     DAUX1           ;starting sector number
3BC7  A956              LDA     #low [[RAMEND - SWAPOS + 127]/128]
3BC9  8588              STA     MLCNT           ;sectors to load
3BCB  20D607            JSR     GETSECS         ;load 'em up
3BCE  4C003D            JMP     SWAPOS          ;run the TRANSLATOR ==>
```

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

3BD1  E68C        VBL     INC     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
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                     ;Endif
3C25  40                  RTI
3C26              ESCR3
```

```
3C26

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

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

3D0A  ADE402                    LDA     RAMSIZ
3D0D  C9C0                      CMP     #$C0
3D0F  900A ^3D1B                BCC     TXTON           ;If Cartridge (or BASIC) not present, then
3D11  A212                      LDX     #low CRTLEN
3D13  A900                      LDA     #0              ;   Repeat
3D15  9D523B      NOCART        STA     CARTIN,X        ;      Remove 'Cart. Present' message
3D18  CA                        DEX
3D19  10FA ^3D15                BPL     NOCART          ;   Until all characters removed
                                                        ;Endif
3D1B  A901        TXTON         LDA     #1
3D1D  858A                      STA     TXTFLG          ;Enable prompt message (via VBL)

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

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

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

```
                ;       Install PAL Rev A O.S. Patches  --------------------

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

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

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

                        ENDIF                           ;Endif


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

3E39  68                PLA                     ;Reload current PORTB PIA status
3E3A  8DCBCF            STA     SVPORTB         ;Save it for WARM START restoration

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

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


                ;       Save some Parallel Bus control variables  ------------

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


                ;       Relocate LINBUF into 'safe' RAM  --------------------

3E5F  A9CD              LDA     #high LNBRAM    ;to avoid clash with PBI variables
3E61  8D4FFB            STA     MOVLIN+1
3E64  A900              LDA     #low LNBRAM
3E66  8D53FB            STA     MOVLIN+5


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

3E69  4C77E4            JMP     COLDSV          ;Invoke PAL (A) O.S. COLD START
```

```
3E6C
                ;       These 7 lines are PATCHed into the O.S.  -----------+
                ;                                                           |
3E6C  4C8BCF    PATIRQ  JMP     DSCAN1          ;IRQ 'DOSINI' monitor       |
3E6F  4CACCF    PATNMI  JMP     DSCAN2          ;NMI 'DOSINI' monitor       |
3E72  4C0FCF    PATROJ  JMP     TROJAN          ;Hides routine in stack     |
3E75  4C61CF    PATSIZ  JMP     SIZRAM          ;Limits RAMSIZ to $C0       |
3E78  206ECF    PATCLD  JSR     COLDIN          ;Special-case 'DOSINI' chk  |
3E7B  4C00CE    PATPIO  JMP     PIO             ;Parallel disk linkage      |
3E7E  6CC9CF    PATDIN  JMP     (SVDINI)        ;Indirect to saved DOSINI   |
                ;                                                           |
                ;       ----------------------------------------------------+


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

                        INCLUDE D2:PLLBUS.ASM
3E81            PIOCODE
3E81  = CE00#           LOC     RAMPIO

                ;       Parallel Disk Server  ------------------------------------

CE00# A901      PIO     LDA     #1
CE02# 8542              STA     CRITIC          ;Disallow MATHPAK from VBLANK Stage 2
CE04# AD0103            LDA     DUNIT
CE07# 48                PHA                     ;Save logical unit number

CE08# AD4702            LDA     PDVMSK
CE0B# F01A ^CE27        BEQ     DOSIO           ;If a parallel device successfully INITed, then
CE0D# A208              LDX     #8              ;   Try all eight device slots
                                                ;   Repeat
CE0F# 2041CE    NXTIO1  JSR     ACTDEV          ;      Find next active slot
CE12# F013 ^CE27        BEQ     DOSIO
CE14# 8A                TXA
CE15# 48                PHA                     ;      Save slot index
CE16# 2005D8            JSR     PDIOV           ;      Call PBI 'low-level' I/O routine
CE19# 68                PLA
CE1A# AA                TAX                     ;      Restore slot index
CE1B# 90F2 ^CE0F        BCC     NXTIO1          ;   Until a device fields request

CE1D# A900              LDA     #0
CE1F# 8D4802            STA     SHPDVS
CE22# 8DFFD1            STA     PDVS            ;   Reselect MATHPAK after I/O complete
CE25# F003 ^CE2A        BEQ     PIOEND          ;   Unconditional -->
                                                ;Else, since PBI not active or not responding, then

CE27# 2059E9    DOSIO   JSR     SIOENT          ;   Pass I/O request on to SIO
                                                ;Endif
CE2A# 68        PIOEND  PLA
CE2B# 8D0103            STA     DUNIT           ;Restore logical unit number
CE2E# A900              LDA     #0
CE30# 8542              STA     CRITIC          ;Re-enable Stage 2 VBLANK routine
CE32# 8C0303            STY     DSTATS          ;Set SIO status register
CE35# AC0303            LDY     DSTATS          ;Set processor status register
CE38# 60                RTS
```

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

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

CE5F# = 3EE0              ORG     *O
      = 005F      PIOLEN  EQU     * - PIOCODE

3EE0              PC0CODE
3EE0  = CF00#             LOC     RAMSCAN

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

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

CF0F#             TROJAN  PATCH   RAMLINK,STKCODE,STKLEN
CF38# ADCCCF              LDA     SVINTLK         ;Restore XL-O.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    SVPORTB DS      1               ;COLD START PORTB status saved here     |
CFCC# = 0001    SVINTLK DS      1               ;Cartridge interlock flag saved here    |
CFCD# = 0001    SVCRTCK DS      1               ;Cartridge checksum saved here          |
CFCE# = 0003    SVPUCHK DS      3               ;O.S. WARM START test bytes saved here  |
                                                ;                                       |
                ;       ----------------------------------------------------------------+


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

CFFF# = 3FDF              ORG     *0
```

```
      = 00FF      PC0LEN  EQU     * - PC0CODE
                  ;                                                       ^
                  ;                                                       |
                  ;       This ends the code stored in $Cxxx  ------------+

3FDF                      ALIGN

                          INCLUDE D2:OSPAL.ASM
```

```
4000
                ;       ---------------------------------------------------
                ;       This is an INCLUDEable file of the 800 Operating
                ;       System, PAL A.  It should be noted that several patches
                ;       have been made in order to accommodate the operation of
                ;       this O.S. in the 'XL' computer line.
                ;
                ;       The first patch is shown below:
                ;
                ;       $E6D5   IHINIT  LDA     #$40
                ;                       STA     NMIEN
                ;                       LDA     #$38
                ;                       STA     PACTL
                ;                       STA     PBCTL
                ;                       LDA     #$00
                ;                       STA     PORTA
                ;                       STA     PORTB
                ;
                ;               If this code were to execute, it would switch back
                ;               to the XL OS.  Therefore, the patch is as follows:
                ;
                ;       $E6D5   IHINIT  LDA     #$40
                ;                       STA     NMIEN
                ;                       LDA     #$38
                ;                       STA     PACTL
                ;                       NOP ! NOP ! NOP
                ;                       LDA     #$00
                ;                       STA     PORTA
                ;                       NOP ! NOP ! NOP
                ;
                ;       The other patch area occurs during Hardware Initialization:
                ;
                ;       $F281   HARDI   LDA     #$00
                ;                       TAX
                ;               CLRCHP  STA     $D000,X
                ;                       STA     $D400,X
                ;                       STA     $D200,X
                ;                       STA     $D300,X
                ;                       INX
                ;                       BNE     CLRCHP
                ;                       RTS
                ;
                ;               Once again, storing to PORTB or PBCTL will cause
                ;               the XL OS to return.  The patch is shown below.
                ;
                ;       $F281   HARDI   LDA     #$00
                ;                       TAX
                ;               CLRCHP  STA     $D000,X
                ;                       STA     $D400,X
                ;                       STA     $D200,X
                ;                       NOP ! NOP ! NOP
                ;                       INX
                ;                       BNE     CLRCHP
                ;                       RTS
                ;       ---------------------------------------------------
```

```
4000              OSOBJ
4000  20A1DB20BB          DB      $20,$A1,$DB,$20,$BB,$DB,$B0,$39,$A2,$ED
400A  A0042048DA          DB      $A0,$04,$20,$48,$DA,$A2,$FF,$86,$F1,$20,$44,$DA,$F0,$04,$A9,$FF
401A  85F02094DB          DB      $85,$F0,$20,$94,$DB,$B0,$21,$48,$A6,$D5,$D0,$11,$20,$EB,$DB,$68
402A  05D985D9A6          DB      $05,$D9,$85,$D9,$A6,$F1,$30,$E6,$E8,$86,$F1,$D0,$E1,$68,$A6,$F1
403A  1002E6ED4C          DB      $10,$02,$E6,$ED,$4C,$18,$D8,$60,$C9,$2E,$F0,$14,$C9,$45,$F0,$19
404A  A6F0D068C9          DB      $A6,$F0,$D0,$68,$C9,$2B,$F0,$C6,$C9,$2D,$F0,$00,$85,$EE,$F0,$BE
405A  A6F11058E8          DB      $A6,$F1,$10,$58,$E8,$86,$F1,$F0,$B5,$A5,$F2,$85,$EC,$20,$94,$DB
406A  B037AAA5ED          DB      $B0,$37,$AA,$A5,$ED,$48,$86,$ED,$20,$94,$DB,$B0,$17,$48,$A5,$ED
407A  0A85ED0A0A          DB      $0A,$85,$ED,$0A,$0A,$65,$ED,$85,$ED,$68,$18,$65,$ED,$85,$ED,$A4
408A  F2209DDBA5          DB      $F2,$20,$9D,$DB,$A5,$EF,$F0,$09,$A5,$ED,$49,$FF,$18,$69,$01,$85
409A  ED681865ED          DB      $ED,$68,$18,$65,$ED,$85,$ED,$D0,$13,$C9,$2B,$F0,$06,$C9,$2D,$D0
40AA  0785EF2094          DB      $07,$85,$EF,$20,$94,$DB,$90,$BA,$A5,$EC,$85,$F2,$C6,$F2,$A5,$ED
40BA  A6F13005F0          DB      $A6,$F1,$30,$05,$F0,$03,$38,$E5,$F1,$48,$2A,$68,$6A,$85,$ED,$90
40CA  0320EBDBA5          DB      $03,$20,$EB,$DB,$A5,$ED,$18,$69,$44,$85,$D4,$20,$00,$DC,$B0,$0B
40DA  A6EEF006A5          DB      $A6,$EE,$F0,$06,$A5,$D4,$09,$80,$85,$D4,$18,$60,$20,$51,$DA,$A9
40EA  308D7F05A5          DB      $30,$8D,$7F,$05,$A5,$D4,$F0,$28,$29,$7F,$C9,$3F,$90,$28,$C9,$45
40FA  B02438E93F          DB      $B0,$24,$38,$E9,$3F,$20,$70,$DC,$20,$A4,$DC,$09,$80,$9D,$80,$05
410A  AD8005C92E          DB      $AD,$80,$05,$C9,$2E,$F0,$03,$4C,$88,$D9,$20,$C1,$DC,$4C,$9C,$D9
411A  A9B08D8005          DB      $A9,$B0,$8D,$80,$05,$60,$A9,$01,$20,$70,$DC,$20,$A4,$DC,$E8,$86
412A  F2A5D40A38          DB      $F2,$A5,$D4,$0A,$38,$E9,$80,$AE,$80,$05,$E0,$30,$F0,$17,$AE,$81
413A  05AC82058E          DB      $05,$AC,$82,$05,$8E,$82,$05,$8C,$81,$05,$A6,$F2,$E0,$02,$D0,$02
414A  E6F2186901          DB      $E6,$F2,$18,$69,$01,$85,$ED,$A9,$45,$A4,$F2,$20,$9F,$DC,$84,$F2
415A  A5ED100BA9          DB      $A5,$ED,$10,$0B,$A9,$00,$38,$E5,$ED,$85,$ED,$A9,$2D,$D0,$02,$A9
416A  2B209FDCA2          DB      $2B,$20,$9F,$DC,$A2,$00,$A5,$ED,$38,$E9,$0A,$90,$03,$E8,$D0,$F8
417A  18690A488A          DB      $18,$69,$0A,$48,$8A,$20,$9D,$DC,$68,$09,$80,$20,$9D,$DC,$AD,$80
418A  05C930D00D          DB      $05,$C9,$30,$D0,$0D,$18,$A5,$F3,$69,$01,$85,$F3,$A5,$F4,$69,$00
419A  85F4A5D410          DB      $85,$F4,$A5,$D4,$10,$09,$20,$C1,$DC,$A0,$00,$A9,$2D,$91,$F3,$60
41AA  A5D485F8A5          DB      $A5,$D4,$85,$F8,$A5,$D5,$85,$F7,$20,$44,$DA,$F8,$A0,$10,$06,$F8
41BA  26F7A203B5          DB      $26,$F7,$A2,$03,$B5,$D4,$75,$D4,$95,$D4,$CA,$D0,$F7,$88,$D0,$EE
41CA  D8A94285D4          DB      $D8,$A9,$42,$85,$D4,$4C,$00,$DC,$A9,$00,$85,$F7,$85,$F8,$A5,$D4
41DA  3066C943B0          DB      $30,$66,$C9,$43,$B0,$62,$38,$E9,$40,$90,$3F,$69,$00,$0A,$85,$F5
41EA  205ADAB053          DB      $20,$5A,$DA,$B0,$53,$A5,$F7,$85,$F9,$A5,$F8,$85,$FA,$20,$5A,$DA
41FA  B046205ADA          DB      $B0,$46,$20,$5A,$DA,$B0,$41,$18,$A5,$F8,$65,$FA,$85,$F8,$A5,$F7
420A  65F985F7B0          DB      $65,$F9,$85,$F7,$B0,$32,$20,$B9,$DC,$18,$65,$F8,$85,$F8,$A5,$F7
421A  6900B02485          DB      $69,$00,$B0,$24,$85,$F7,$C6,$F5,$D0,$C6,$20,$B9,$DC,$C9,$05,$90
422A  0D18A5F869          DB      $0D,$18,$A5,$F8,$69,$01,$85,$F8,$A5,$F7,$69,$00,$85,$F7,$A5,$F8
423A  85D4A5F785          DB      $85,$D4,$A5,$F7,$85,$D5,$18,$60,$38,$60,$A2,$D4,$A0,$06,$A9,$00
424A  9500E888D0          DB      $95,$00,$E8,$88,$D0,$FA,$60,$A9,$05,$85,$F4,$A9,$80,$85,$F3,$60
425A  1826F826F7          DB      $18,$26,$F8,$26,$F7,$60,$A5,$E0,$49,$80,$85,$E0,$A5,$E0,$29,$7F
426A  85F7A5D429          DB      $85,$F7,$A5,$D4,$29,$7F,$38,$E5,$F7,$10,$10,$A2,$05,$B5,$D4,$B4
427A  E095E09895          DB      $E0,$95,$E0,$98,$95,$D4,$CA,$10,$F4,$30,$E1,$F0,$07,$C9,$05,$B0
428A  19203EDCF8          DB      $19,$20,$3E,$DC,$F8,$A5,$D4,$45,$E0,$30,$1E,$A2,$04,$18,$B5,$D5
429A  75E195D5CA          DB      $75,$E1,$95,$D5,$CA,$10,$F7,$D8,$B0,$03,$4C,$00,$DC,$A9,$01,$20
42AA  3ADCA90185          DB      $3A,$DC,$A9,$01,$85,$D5,$4C,$00,$DC,$A2,$04,$38,$B5,$D5,$F5,$E1
42BA  95D5CA10F7          DB      $95,$D5,$CA,$10,$F7,$90,$04,$D8,$4C,$00,$DC,$A5,$D4,$49,$80,$85
42CA  D438A204A9          DB      $D4,$38,$A2,$04,$A9,$00,$F5,$D5,$95,$D5,$CA,$10,$F7,$D8,$4C,$00
42DA  DCA5D4F045          DB      $DC,$A5,$D4,$F0,$45,$A5,$E0,$F0,$3E,$20,$CF,$DC,$38,$E9,$40,$38
42EA  65E0303820          DB      $65,$E0,$30,$38,$20,$E0,$DC,$A5,$DF,$29,$0F,$85,$F6,$C6,$F6,$30
42FA  062001DD4C          DB      $06,$20,$01,$DD,$4C,$F7,$DA,$A5,$DF,$4A,$4A,$4A,$4A,$85,$F6,$C6
430A  F630062005          DB      $F6,$30,$06,$20,$05,$DD,$4C,$09,$DB,$20,$62,$DC,$C6,$F5,$D0,$D7
431A  A5ED85D44C          DB      $A5,$ED,$85,$D4,$4C,$04,$DC,$20,$44,$DA,$18,$60,$38,$60,$A5,$E0
432A  F0FAA5D4F0          DB      $F0,$FA,$A5,$D4,$F0,$F4,$20,$CF,$DC,$38,$E5,$E0,$18,$69,$40,$30
433A  EB20E0DCE6          DB      $EB,$20,$E0,$DC,$E6,$F5,$4C,$4E,$DB,$A2,$00,$B5,$D5,$95,$D4,$E8
434A  E00CD0F7A0          DB      $E0,$0C,$D0,$F7,$A0,$05,$38,$F8,$B9,$DA,$00,$F9,$E6,$00,$99,$DA
435A  008810F4D8          DB      $00,$88,$10,$F4,$D8,$90,$04,$E6,$D9,$D0,$E9,$20,$0F,$DD,$06,$D9
436A  06D906D906          DB      $06,$D9,$06,$D9,$06,$D9,$A0,$05,$38,$F8,$B9,$DA,$00,$F9,$E0,$00
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437A  99DA008810          DB      $99,$DA,$00,$88,$10,$F4,$D8,$90,$04,$E6,$D9,$D0,$E9,$20,$09,$DD
438A  C6F5D0B520          DB      $C6,$F5,$D0,$B5,$20,$62,$DC,$4C,$1A,$DB,$20,$AF,$DB,$A4,$F2,$90
439A  02B1F3C884          DB      $02,$B1,$F3,$C8,$84,$F2,$60,$A4,$F2,$A9,$20,$D1,$F3,$D0,$03,$C8
43AA  D0F984F260          DB      $D0,$F9,$84,$F2,$60,$A4,$F2,$B1,$F3,$38,$E9,$30,$90,$18,$C9,$0A
43BA  60A5F24820          DB      $60,$A5,$F2,$48,$20,$94,$DB,$90,$1F,$C9,$2E,$F0,$14,$C9,$2B,$F0
43CA  07C92DF003          DB      $07,$C9,$2D,$F0,$03,$68,$38,$60,$20,$94,$DB,$90,$0B,$C9,$2E,$D0
43DA  F42094DB90          DB      $F4,$20,$94,$DB,$90,$02,$B0,$ED,$68,$85,$F2,$18,$60,$A2,$E7,$D0
43EA  02A2D5A004          DB      $02,$A2,$D5,$A0,$04,$18,$36,$04,$36,$03,$36,$02,$36,$01,$36,$00
43FA  26EC88D0F0          DB      $26,$EC,$88,$D0,$F0,$60,$A2,$00,$86,$DA,$A2,$04,$A5,$D4,$F0,$2E
440A  A5D5D01AA0          DB      $A5,$D5,$D0,$1A,$A0,$00,$B9,$D6,$00,$99,$D5,$00,$C8,$C0,$05,$90
441A  F5C6D4CAD0          DB      $F5,$C6,$D4,$CA,$D0,$EA,$A5,$D5,$D0,$04,$85,$D4,$18,$60,$A5,$D4
442A  297FC97190          DB      $29,$7F,$C9,$71,$90,$01,$60,$C9,$0F,$B0,$03,$20,$44,$DA,$18,$60
443A  A2D4D002A2          DB      $A2,$D4,$D0,$02,$A2,$E0,$86,$F9,$85,$F7,$85,$F8,$A0,$04,$B5,$04
444A  9505CA88D0          DB      $95,$05,$CA,$88,$D0,$F8,$A9,$00,$95,$05,$A6,$F9,$C6,$F7,$D0,$EC
445A  B5001865F8          DB      $B5,$00,$18,$65,$F8,$95,$00,$60,$A2,$0A,$B5,$D4,$95,$D5,$CA,$10
446A  F9A90085D4          DB      $F9,$A9,$00,$85,$D4,$60,$85,$F7,$A2,$00,$A0,$00,$20,$93,$DC,$38
447A  E90185F7B5          DB      $E9,$01,$85,$F7,$B5,$D5,$4A,$4A,$4A,$4A,$20,$9D,$DC,$B5,$D5,$29
448A  0F209DDCE8          DB      $0F,$20,$9D,$DC,$E8,$E0,$05,$90,$E3,$A5,$F7,$D0,$05,$A9,$2E,$20
449A  9FDC600930          DB      $9F,$DC,$60,$09,$30,$99,$80,$05,$C8,$60,$A2,$0A,$BD,$80,$05,$C9
44AA  2EF007C930          DB      $2E,$F0,$07,$C9,$30,$D0,$07,$CA,$D0,$F2,$CA,$BD,$80,$05,$60,$20
44BA  EBDBA5EC29          DB      $EB,$DB,$A5,$EC,$29,$0F,$60,$38,$A5,$F3,$E9,$01,$85,$F3,$A5,$F4
44CA  E90085F460          DB      $E9,$00,$85,$F4,$60,$A5,$D4,$45,$E0,$29,$80,$85,$EE,$06,$E0,$46
44DA  E0A5D4297F          DB      $E0,$A5,$D4,$29,$7F,$60,$05,$EE,$85,$ED,$A9,$00,$85,$D4,$85,$E0
44EA  2028DD20E7          DB      $20,$28,$DD,$20,$E7,$DB,$A5,$EC,$29,$0F,$85,$E6,$A9,$05,$85,$F5
44FA  2034DD2044          DB      $20,$34,$DD,$20,$44,$DA,$60,$A2,$D9,$D0,$06,$A2,$D9,$D0,$08,$A2
450A  DFA0E5D004          DB      $DF,$A0,$E5,$D0,$04,$A2,$DF,$A0,$EB,$A9,$05,$85,$F7,$18,$F8,$B5
451A  0079000095          DB      $00,$79,$00,$00,$95,$00,$CA,$88,$C6,$F7,$10,$F3,$D8,$60,$A0,$05
452A  B9E00099E6          DB      $B9,$E0,$00,$99,$E6,$00,$88,$10,$F7,$60,$A0,$05,$B9,$D4,$00,$99
453A  DA008810F7          DB      $DA,$00,$88,$10,$F7,$60,$86,$FE,$84,$FF,$85,$EF,$A2,$E0,$A0,$05
454A  20A7DD20B6          DB      $20,$A7,$DD,$20,$B6,$DD,$A6,$FE,$A4,$FF,$20,$89,$DD,$C6,$EF,$F0
455A  2D20DBDAB0          DB      $2D,$20,$DB,$DA,$B0,$28,$18,$A5,$FE,$69,$06,$85,$FE,$90,$06,$A5
456A  FF690085FF          DB      $FF,$69,$00,$85,$FF,$A6,$FE,$A4,$FF,$20,$98,$DD,$20,$66,$DA,$B0
457A  0DC6EFF009          DB      $0D,$C6,$EF,$F0,$09,$A2,$E0,$A0,$05,$20,$98,$DD,$30,$D3,$60,$86
458A  FC84FDA005          DB      $FC,$84,$FD,$A0,$05,$B1,$FC,$99,$D4,$00,$88,$10,$F8,$60,$86,$FC
459A  84FDA005B1          DB      $84,$FD,$A0,$05,$B1,$FC,$99,$E0,$00,$88,$10,$F8,$60,$86,$FC,$84
45AA  FDA005B9D4          DB      $FD,$A0,$05,$B9,$D4,$00,$91,$FC,$88,$10,$F8,$60,$A2,$05,$B5,$D4
45BA  95E0CA10F9          DB      $95,$E0,$CA,$10,$F9,$60,$A2,$89,$A0,$DE,$20,$98,$DD,$20,$DB,$DA
45CA  B07FA90085          DB      $B0,$7F,$A9,$00,$85,$F1,$A5,$D4,$85,$F0,$29,$7F,$85,$D4,$38,$E9
45DA  403026C904          DB      $40,$30,$26,$C9,$04,$10,$6A,$A2,$E6,$A0,$05,$20,$A7,$DD,$20,$D2
45EA  D9A5D485F1          DB      $D9,$A5,$D4,$85,$F1,$A5,$D5,$D0,$58,$20,$AA,$D9,$20,$B6,$DD,$A2
45FA  E6A0052089          DB      $E6,$A0,$05,$20,$89,$DD,$20,$60,$DA,$A9,$0A,$A2,$4D,$A0,$DE,$20
460A  40DD20B6DD          DB      $40,$DD,$20,$B6,$DD,$20,$DB,$DA,$A5,$F1,$F0,$23,$18,$6A,$85,$E0
461A  A9019002A9          DB      $A9,$01,$90,$02,$A9,$10,$85,$E1,$A2,$04,$A9,$00,$95,$E2,$CA,$10
462A  FBA5E01869          DB      $FB,$A5,$E0,$18,$69,$40,$B0,$19,$30,$17,$85,$E0,$20,$DB,$DA,$A5
463A  F0100D20B6          DB      $F0,$10,$0D,$20,$B6,$DD,$A2,$8F,$A0,$DE,$20,$89,$DD,$20,$28,$DB
464A  6038603D17          DB      $60,$38,$60,$3D,$17,$94,$19,$00,$00,$3D,$57,$33,$05,$00,$00,$3E
465A  0554766200          DB      $05,$54,$76,$62,$00,$3E,$32,$19,$62,$27,$00,$3F,$01,$68,$60,$30
466A  363F073203          DB      $36,$3F,$07,$32,$03,$27,$41,$3F,$25,$43,$34,$56,$75,$3F,$66,$27
467A  3730504001          DB      $37,$30,$50,$40,$01,$15,$12,$92,$55,$3F,$99,$99,$99,$99,$99,$3F
468A  4342944819          DB      $43,$42,$94,$48,$19,$40,$01,$00,$00,$00,$00,$86,$FE,$84,$FF,$A2
469A  E0A00520A7          DB      $E0,$A0,$05,$20,$A7,$DD,$A6,$FE,$A4,$FF,$20,$98,$DD,$20,$66,$DA
46AA  A2E6A00520          DB      $A2,$E6,$A0,$05,$20,$A7,$DD,$A2,$E0,$A0,$05,$20,$89,$DD,$A6,$FE
46BA  A4FF2098DD          DB      $A4,$FF,$20,$98,$DD,$20,$60,$DA,$A2,$E6,$A0,$05,$20,$98,$DD,$20
46CA  28DB60A901          DB      $28,$DB,$60,$A9,$01,$D0,$02,$A9,$00,$85,$F0,$A5,$D4,$10,$02,$38
46DA  60A5D485E0          DB      $60,$A5,$D4,$85,$E0,$38,$E9,$40,$0A,$85,$F1,$A5,$D5,$29,$F0,$D0
46EA  04A901D004          DB      $04,$A9,$01,$D0,$04,$E6,$F1,$A9,$10,$85,$E1,$A2,$04,$A9,$00,$95
46FA  E2CA10FB20          DB      $E2,$CA,$10,$FB,$20,$28,$DB,$A2,$66,$A0,$DF,$20,$95,$DE,$A2,$E6
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470A  A00520A7DD          DB      $A0,$05,$20,$A7,$DD,$20,$B6,$DD,$20,$DB,$DA,$A9,$0A,$A2,$72,$A0
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472A  A0DF2098DD          DB      $A0,$DF,$20,$98,$DD,$20,$66,$DA,$20,$B6,$DD,$A9,$00,$85,$D5,$A5
473A  F185D41007          DB      $F1,$85,$D4,$10,$07,$49,$FF,$18,$69,$01,$85,$D4,$20,$AA,$D9,$24
474A  F11006A980          DB      $F1,$10,$06,$A9,$80,$05,$D4,$85,$D4,$20,$66,$DA,$A5,$F0,$F0,$0A
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476A  77663F5000          DB      $77,$66,$3F,$50,$00,$00,$00,$00,$3F,$49,$15,$57,$11,$08,$BF,$51
477A  704947083F          DB      $70,$49,$47,$08,$3F,$39,$20,$57,$61,$95,$BF,$04,$39,$63,$03,$55
478A  3F10093012          DB      $3F,$10,$09,$30,$12,$64,$3F,$09,$39,$08,$04,$60,$3F,$12,$42,$58
479A  47423F1737          DB      $47,$42,$3F,$17,$37,$12,$06,$08,$3F,$28,$95,$29,$71,$17,$3F,$86
47AA  858896443E          DB      $85,$88,$96,$44,$3E,$16,$05,$44,$49,$00,$BE,$95,$68,$38,$45,$00
47BA  3F02687994          DB      $3F,$02,$68,$79,$94,$16,$BF,$04,$92,$78,$90,$80,$3F,$07,$03,$15
47CA  2000BF0892          DB      $20,$00,$BF,$08,$92,$29,$12,$44,$3F,$11,$08,$40,$09,$11,$BF,$14
47DA  283156043F          DB      $28,$31,$56,$04,$3F,$19,$99,$98,$77,$44,$BF,$33,$33,$33,$31,$13
47EA  3F99999999          DB      $3F,$99,$99,$99,$99,$99,$3F,$78,$53,$98,$16,$34,$98,$16,$34,$FC
47FA  E03250D968          DB      $E0,$32,$50,$D9,$68,$11,$00,$00,$00,$00,$00,$00,$00,$00,$00,$18
480A  1818180018          DB      $18,$18,$18,$00,$18,$00,$00,$66,$66,$66,$00,$00,$00,$00,$00,$66
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482A  6C18306646          DB      $6C,$18,$30,$66,$46,$00,$1C,$36,$1C,$38,$6F,$66,$3B,$00,$00,$18
483A  1818000000          DB      $18,$18,$00,$00,$00,$00,$00,$0E,$1C,$18,$18,$1C,$0E,$00,$00,$70
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485A  187E181800          DB      $18,$7E,$18,$18,$00,$00,$00,$00,$00,$00,$00,$18,$18,$18,$30,$00
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488A  381818187E          DB      $38,$18,$18,$18,$7E,$00,$00,$3C,$66,$0C,$18,$30,$7E,$00,$00,$7E
489A  0C180C663C          DB      $0C,$18,$0C,$66,$3C,$00,$00,$0C,$1C,$3C,$6C,$7E,$0C,$00,$00,$7E
48AA  607C06663C          DB      $60,$7C,$06,$66,$3C,$00,$00,$3C,$60,$7C,$66,$66,$3C,$00,$00,$7E
48BA  060C183030          DB      $06,$0C,$18,$30,$30,$00,$00,$3C,$66,$3C,$66,$66,$3C,$00,$00,$3C
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48DA  1818001818          DB      $18,$18,$00,$18,$18,$30,$06,$0C,$18,$30,$18,$0C,$06,$00,$00,$00
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48FA  660C180018          DB      $66,$0C,$18,$00,$18,$00,$00,$3C,$66,$6E,$6E,$60,$3E,$00,$00,$18
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494A  181818187E          DB      $18,$18,$18,$18,$7E,$00,$00,$06,$06,$06,$06,$66,$3C,$00,$00,$66
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49EA  1818181878          DB      $18,$18,$18,$18,$78,$00,$00,$08,$1C,$36,$63,$00,$00,$00,$00,$00
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4ABA  00FFFF1818          DB      $00,$FF,$FF,$18,$18,$18,$18,$18,$18,$FF,$FF,$00,$00,$00,$F0,$F0
4ACA  F0F0F0F0F0          DB      $F0,$F0,$F0,$F0,$F0,$F0,$18,$18,$18,$1F,$1F,$00,$00,$00,$78,$60
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4AEA  18187E3C18          DB      $18,$18,$7E,$3C,$18,$00,$00,$18,$30,$7E,$30,$18,$00,$00,$00,$18
4AFA  0C7E0C1800          DB      $0C,$7E,$0C,$18,$00,$00,$00,$18,$3C,$7E,$7E,$3C,$18,$00,$00,$00
4B0A  3C063E663E          DB      $3C,$06,$3E,$66,$3E,$00,$00,$60,$60,$7C,$66,$66,$7C,$00,$00,$00
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4BFA  1C1E1C1810          DB      $1C,$1E,$1C,$18,$10,$00,$FB,$F3,$33,$F6,$3D,$F6,$A3,$F6,$33,$F6
4C0A  3CF64CE4F3          DB      $3C,$F6,$4C,$E4,$F3,$F9,$F5,$F3,$33,$F6,$92,$F5,$B6,$F5,$33,$F6
4C1A  FBFC4CE4F3          DB      $FB,$FC,$4C,$E4,$F3,$F6,$33,$F6,$33,$F6,$E1,$F6,$3C,$F6,$33,$F6
4C2A  3CF64CE4F3          DB      $3C,$F6,$4C,$E4,$F3,$00,$9E,$EE,$DB,$EE,$9D,$EE,$A6,$EE,$80,$EE
4C3A  9DEE4C78EE          DB      $9D,$EE,$4C,$78,$EE,$00,$4B,$EF,$2A,$F0,$D5,$EF,$0F,$F0,$27,$F0
4C4A  4AEF4C41EF          DB      $4A,$EF,$4C,$41,$EF,$00,$4C,$EA,$ED,$4C,$F0,$ED,$4C,$C4,$E4,$4C
4C5A  59E94C12E9          DB      $59,$E9,$4C,$12,$E9,$4C,$D1,$E7,$4C,$3E,$E9,$4C,$44,$E9,$4C,$F6
4C6A  EB4CD5E64C          DB      $EB,$4C,$D5,$E6,$4C,$A6,$E4,$4C,$23,$F2,$4C,$1B,$F1,$4C,$25,$F1
4C7A  4CE9EF4C5D          DB      $4C,$E9,$EF,$4C,$5D,$EF,$B3,$E7,$B2,$E7,$B2,$E7,$B2,$E7,$BE,$FF
4C8A  11EB90EAD1          DB      $11,$EB,$90,$EA,$D1,$EA,$B2,$E7,$B2,$E7,$B2,$E7,$F6,$E6,$00,$00
4C9A  0000000000          DB      $00,$00,$00,$00,$00,$00,$00,$00,$D1,$E7,$3E,$E9,$A2,$00,$A9,$FF
4CAA  9D4003A9C0          DB      $9D,$40,$03,$A9,$C0,$9D,$46,$03,$A9,$E4,$9D,$47,$03,$8A,$18,$69
4CBA  10AAC98090          DB      $10,$AA,$C9,$80,$90,$E8,$60,$A0,$85,$60,$85,$2F,$86,$2E,$8A,$29
4CCA  0FD004E080          DB      $0F,$D0,$04,$E0,$80,$90,$05,$A0,$86,$4C,$1B,$E6,$A0,$00,$BD,$40
4CDA  03992000E8          DB      $03,$99,$20,$00,$E8,$C8,$C0,$0C,$90,$F4,$A0,$84,$A5,$22,$C9,$03
4CEA  9025A8C00E          DB      $90,$25,$A8,$C0,$0E,$90,$02,$A0,$0E,$84,$17,$B9,$C6,$E6,$F0,$0F
4CFA  C902F035C9          DB      $C9,$02,$F0,$35,$C9,$08,$B0,$4C,$C9,$04,$F0,$63,$4C,$C9,$E5,$A5
4D0A  20C9FFF005          DB      $20,$C9,$FF,$F0,$05,$A0,$81,$4C,$1B,$E6,$20,$9E,$E6,$B0,$F8,$20
4D1A  3DE6B0F320          DB      $3D,$E6,$B0,$F3,$20,$89,$E6,$A9,$0B,$85,$17,$20,$3D,$E6,$A5,$2C
4D2A  8526A52D85          DB      $85,$26,$A5,$2D,$85,$27,$4C,$1D,$E6,$A0,$01,$84,$23,$20,$3D,$E6
4D3A  B0032089E6          DB      $B0,$03,$20,$89,$E6,$A9,$FF,$85,$20,$A9,$E4,$85,$27,$A9,$C0,$85
4D4A  264C1DE6A5          DB      $26,$4C,$1D,$E6,$A5,$20,$C9,$FF,$D0,$05,$20,$9E,$E6,$B0,$B8,$20
4D5A  3DE62089E6          DB      $3D,$E6,$20,$89,$E6,$A6,$2E,$BD,$40,$03,$85,$20,$4C,$1D,$E6,$A5
4D6A  22252AD005          DB      $22,$25,$2A,$D0,$05,$A0,$83,$4C,$1B,$E6,$20,$3D,$E6,$B0,$F8,$A5
4D7A  280529D008          DB      $28,$05,$29,$D0,$08,$20,$89,$E6,$85,$2F,$4C,$1D,$E6,$20,$89,$E6
4D8A  852F3035A0          DB      $85,$2F,$30,$35,$A0,$00,$91,$24,$20,$70,$E6,$A5,$22,$29,$02,$D0
4D9A  0CA52FC99B          DB      $0C,$A5,$2F,$C9,$9B,$D0,$06,$20,$63,$E6,$4C,$C3,$E5,$20,$63,$E6
4DAA  D0DBA52229          DB      $D0,$DB,$A5,$22,$29,$02,$D0,$11,$20,$89,$E6,$85,$2F,$30,$0A,$A5
4DBA  2FC99BD0F3          DB      $2F,$C9,$9B,$D0,$F3,$A9,$89,$85,$23,$20,$77,$E6,$4C,$1D,$E6,$A5
4DCA  22252AD005          DB      $22,$25,$2A,$D0,$05,$A0,$87,$4C,$1B,$E6,$20,$3D,$E6,$B0,$F8,$A5
4DDA  280529D006          DB      $28,$05,$29,$D0,$06,$A5,$2F,$E6,$28,$D0,$06,$A0,$00,$B1,$24,$85
4DEA  2F2089E630          DB      $2F,$20,$89,$E6,$30,$25,$20,$70,$E6,$A5,$22,$29,$02,$D0,$0C,$A5
4DFA  2FC99BD006          DB      $2F,$C9,$9B,$D0,$06,$20,$63,$E6,$4C,$15,$E6,$20,$63,$E6,$D0,$DB
4E0A  A5222902D0          DB      $A5,$22,$29,$02,$D0,$05,$A9,$9B,$20,$89,$E6,$20,$77,$E6,$4C,$1D
4E1A  E68423A42E          DB      $E6,$84,$23,$A4,$2E,$B9,$44,$03,$85,$24,$B9,$45,$03,$85,$25,$A2
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4E2A  00B5209940          DB      $00,$B5,$20,$99,$40,$03,$E8,$C8,$E0,$0C,$90,$F5,$A5,$2F,$A6,$2E
4E3A  A42360A420          DB      $A4,$23,$60,$A4,$20,$C0,$22,$90,$04,$A0,$85,$B0,$1B,$B9,$1B,$03
4E4A  852CB91C03          DB      $85,$2C,$B9,$1C,$03,$85,$2D,$A4,$17,$B9,$C6,$E6,$A8,$B1,$2C,$AA
4E5A  C8B12C852D          DB      $C8,$B1,$2C,$85,$2D,$86,$2C,$18,$60,$C6,$28,$A5,$28,$C9,$FF,$D0
4E6A  02C6290529          DB      $02,$C6,$29,$05,$29,$60,$E6,$24,$D0,$02,$E6,$25,$60,$A6,$2E,$38
4E7A  BD4803E528          DB      $BD,$48,$03,$E5,$28,$85,$28,$BD,$49,$03,$E5,$29,$85,$29,$60,$A0
4E8A  922093E684          DB      $92,$20,$93,$E6,$84,$23,$C0,$00,$60,$AA,$A5,$2D,$48,$A5,$2C,$48
4E9A  8AA62E60A0          DB      $8A,$A6,$2E,$60,$A0,$00,$B1,$24,$F0,$0C,$A0,$21,$D9,$1A,$03,$F0
4EAA  0A88888810          DB      $0A,$88,$88,$88,$10,$F6,$A0,$82,$38,$B0,$13,$98,$85,$20,$38,$A0
4EBA  01B124E930          DB      $01,$B1,$24,$E9,$30,$C9,$0A,$90,$02,$A9,$01,$85,$21,$18,$60,$00
4ECA  0404040406          DB      $04,$04,$04,$04,$06,$06,$06,$06,$02,$08,$0A,$A9,$40,$8D,$0E,$D4
4EDA  A9388D02D3          DB      $A9,$38,$8D,$02,$D3,$EA,$EA,$EA,$A9,$00,$8D,$00,$D3,$EA,$EA,$EA
4EEA  A93C8D02D3          DB      $A9,$3C,$8D,$02,$D3,$8D,$03,$D3,$60,$6C,$16,$02,$48,$A9,$10,$2C
4EFA  0ED2D00DA9          DB      $0E,$D2,$D0,$0D,$A9,$EF,$8D,$0E,$D2,$A5,$10,$8D,$0E,$D2,$6C,$0C
4F0A  02A9202C0E          DB      $02,$A9,$20,$2C,$0E,$D2,$D0,$0D,$A9,$DF,$8D,$0E,$D2,$A5,$10,$8D
4F1A  0ED26C0A02          DB      $0E,$D2,$6C,$0A,$02,$A9,$08,$24,$10,$F0,$12,$2C,$0E,$D2,$D0,$0D
4F2A  A9F78D0ED2          DB      $A9,$F7,$8D,$0E,$D2,$A5,$10,$8D,$0E,$D2,$6C,$0E,$02,$AD,$0E,$D2
4F3A  6AB00DA9FE          DB      $6A,$B0,$0D,$A9,$FE,$8D,$0E,$D2,$A5,$10,$8D,$0E,$D2,$6C,$10,$02
4F4A  6AB00DA9FD          DB      $6A,$B0,$0D,$A9,$FD,$8D,$0E,$D2,$A5,$10,$8D,$0E,$D2,$6C,$12,$02
4F5A  6AB00AA9FB          DB      $6A,$B0,$0A,$A9,$FB,$8D,$0E,$D2,$A5,$10,$8D,$0E,$D2,$2C,$0E,$D2
4F6A  700DA9BF8D          DB      $70,$0D,$A9,$BF,$8D,$0E,$D2,$A5,$10,$8D,$0E,$D2,$6C,$08,$02,$30
4F7A  18A97F8D0E          DB      $18,$A9,$7F,$8D,$0E,$D2,$A5,$10,$8D,$0E,$D2,$A9,$00,$85,$11,$8D
4F8A  FF028DF002          DB      $FF,$02,$8D,$F0,$02,$85,$4D,$68,$40,$2C,$02,$D3,$10,$06,$AD,$00
4F9A  D36C02022C          DB      $D3,$6C,$02,$02,$2C,$03,$D3,$10,$06,$AD,$01,$D3,$6C,$04,$02,$08
4FAA  682910F003          DB      $68,$29,$10,$F0,$03,$6C,$06,$02,$68,$40,$2C,$0F,$D4,$10,$03,$6C
4FBA  000248AD0F          DB      $00,$02,$48,$AD,$0F,$D4,$29,$20,$F0,$03,$4C,$74,$E4,$8A,$48,$98
4FCA  488D0FD46C          DB      $48,$8D,$0F,$D4,$6C,$22,$02,$E6,$14,$D0,$08,$E6,$4D,$E6,$13,$D0
4FDA  02E612A9FE          DB      $02,$E6,$12,$A9,$FE,$A2,$00,$A4,$4D,$10,$06,$85,$4D,$A6,$13,$A9
4FEA  F6854E864F          DB      $F6,$85,$4E,$86,$4F,$A2,$00,$20,$F5,$E8,$D0,$03,$20,$EF,$E8,$A5
4FFA  42D008BABD          DB      $42,$D0,$08,$BA,$BD,$04,$01,$29,$04,$F0,$03,$4C,$3E,$E9,$58,$AD
500A  0DD48D3502          DB      $0D,$D4,$8D,$35,$02,$AD,$0C,$D4,$8D,$34,$02,$AD,$31,$02,$8D,$03
501A  D4AD30028D          DB      $D4,$AD,$30,$02,$8D,$02,$D4,$AD,$2F,$02,$8D,$00,$D4,$AD,$6F,$02
502A  8D1BD0A908          DB      $8D,$1B,$D0,$A9,$08,$8D,$1F,$D0,$A2,$08,$BD,$C0,$02,$45,$4F,$25
503A  4E9D12D0CA          DB      $4E,$9D,$12,$D0,$CA,$10,$F3,$AD,$F4,$02,$8D,$09,$D4,$AD,$F3,$02
504A  8D01D4A202          DB      $8D,$01,$D4,$A2,$02,$20,$F5,$E8,$D0,$03,$20,$F2,$E8,$A2,$02,$E8
505A  E8BD18021D          DB      $E8,$BD,$18,$02,$1D,$19,$02,$F0,$06,$20,$F5,$E8,$9D,$26,$02,$E0
506A  08D0ECAD0F          DB      $08,$D0,$EC,$AD,$0F,$D2,$29,$04,$F0,$08,$AD,$F1,$02,$F0,$03,$CE
507A  F102AD2B02          DB      $F1,$02,$AD,$2B,$02,$F0,$17,$AD,$0F,$D2,$29,$04,$D0,$60,$CE,$2B
508A  02D00BA906          DB      $02,$D0,$0B,$A9,$06,$8D,$2B,$02,$AD,$09,$D2,$8D,$FC,$02,$A0,$01
509A  A203B900D3          DB      $A2,$03,$B9,$00,$D3,$4A,$4A,$4A,$4A,$9D,$78,$02,$CA,$B9,$00,$D3
50AA  290F9D7802          DB      $29,$0F,$9D,$78,$02,$CA,$88,$10,$E9,$A2,$03,$BD,$10,$D0,$9D,$84
50BA  02BD00D29D          DB      $02,$BD,$00,$D2,$9D,$70,$02,$BD,$04,$D2,$9D,$74,$02,$CA,$10,$EB
50CA  8D0BD2A206          DB      $8D,$0B,$D2,$A2,$06,$A0,$03,$B9,$78,$02,$4A,$4A,$4A,$9D,$7D,$02
50DA  A9002A9D7C          DB      $A9,$00,$2A,$9D,$7C,$02,$CA,$CA,$88,$10,$EC,$6C,$24,$02,$A9,$00
50EA  8D2B02F0A9          DB      $8D,$2B,$02,$F0,$A9,$6C,$26,$02,$6C,$28,$02,$BC,$18,$02,$D0,$08
50FA  BC1902F010          DB      $BC,$19,$02,$F0,$10,$DE,$19,$02,$DE,$18,$02,$D0,$08,$BC,$19,$02
510A  D003A90060          DB      $D0,$03,$A9,$00,$60,$A9,$FF,$60,$0A,$8D,$2D,$02,$A9,$00,$8D,$0E
511A  D48AAE2D02          DB      $D4,$8A,$AE,$2D,$02,$9D,$17,$02,$98,$9D,$16,$02,$A9,$40,$8D,$0E
512A  D42C0FD450          DB      $D4,$2C,$0F,$D4,$50,$0D,$A9,$E9,$48,$A9,$3D,$48,$08,$48,$48,$48
513A  6C22026068          DB      $6C,$22,$02,$60,$68,$A8,$68,$AA,$68,$40,$A9,$3C,$8D,$02,$D3,$A9
514A  3C8D03D3A9          DB      $3C,$8D,$03,$D3,$A9,$03,$8D,$32,$02,$85,$41,$8D,$0F,$D2,$60,$BA
515A  8E1803A901          DB      $8E,$18,$03,$A9,$01,$85,$42,$AD,$00,$03,$C9,$60,$D0,$03,$4C,$84
516A  EBA9008D0F          DB      $EB,$A9,$00,$8D,$0F,$03,$A9,$01,$85,$37,$A9,$0D,$85,$36,$A9,$28
517A  8D04D2A900          DB      $8D,$04,$D2,$A9,$00,$8D,$06,$D2,$18,$AD,$00,$03,$6D,$01,$03,$69
518A  FF8D3A02AD          DB      $FF,$8D,$3A,$02,$AD,$02,$03,$8D,$3B,$02,$AD,$0A,$03,$8D,$3C,$02
519A  AD0B038D3D          DB      $AD,$0B,$03,$8D,$3D,$02,$18,$A9,$3A,$85,$32,$69,$04,$85,$34,$A9
51AA  0285338535          DB      $02,$85,$33,$85,$35,$A9,$34,$8D,$03,$D3,$20,$8E,$EC,$AD,$3F,$02
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51BA  D00398D007          DB      $D0,$03,$98,$D0,$07,$C6,$36,$10,$B5,$4C,$06,$EA,$AD,$03,$03,$10
51CA  0CA90D8536          DB      $0C,$A9,$0D,$85,$36,$20,$6E,$EB,$20,$8E,$EC,$F0,$E8,$20,$79,$EC
51DA  A9008D3F02          DB      $A9,$00,$8D,$3F,$02,$20,$9F,$EC,$F0,$12,$2C,$03,$03,$70,$07,$AD
51EA  3F02D018F0          DB      $3F,$02,$D0,$18,$F0,$1D,$20,$6E,$EB,$20,$E2,$EA,$AD,$3F,$02,$F0
51FA  05AD190385          DB      $05,$AD,$19,$03,$85,$30,$A5,$30,$C9,$01,$F0,$07,$C6,$37,$30,$03
520A  4C74E92063          DB      $4C,$74,$E9,$20,$63,$EC,$A9,$00,$85,$42,$A4,$30,$8C,$03,$03,$60
521A  A9008D3F02          DB      $A9,$00,$8D,$3F,$02,$18,$A9,$3E,$85,$32,$69,$01,$85,$34,$A9,$02
522A  85338535A9          DB      $85,$33,$85,$35,$A9,$FF,$85,$3C,$20,$E2,$EA,$A0,$FF,$A5,$30,$C9
523A  01D019AD3E          DB      $01,$D0,$19,$AD,$3E,$02,$C9,$41,$F0,$21,$C9,$43,$F0,$1D,$C9,$45
524A  D006A99085          DB      $D0,$06,$A9,$90,$85,$30,$D0,$04,$A9,$8B,$85,$30,$A5,$30,$C9,$8A
525A  F007A9FF8D          DB      $F0,$07,$A9,$FF,$8D,$3F,$02,$D0,$02,$A0,$00,$A5,$30,$8D,$19,$03
526A  60A9018530          DB      $60,$A9,$01,$85,$30,$20,$F6,$EB,$A0,$00,$84,$31,$84,$3B,$84,$3A
527A  B1328D0DD2          DB      $B1,$32,$8D,$0D,$D2,$85,$31,$A5,$11,$D0,$03,$4C,$A4,$ED,$A5,$3A
528A  F0F52063EC          DB      $F0,$F5,$20,$63,$EC,$60,$98,$48,$E6,$32,$D0,$02,$E6,$33,$A5,$33
529A  C5359022A5          DB      $C5,$35,$90,$22,$A5,$32,$C5,$34,$90,$1C,$A5,$3B,$D0,$0B,$A5,$31
52AA  8D0DD2A9FF          DB      $8D,$0D,$D2,$A9,$FF,$85,$3B,$D0,$09,$A5,$10,$09,$08,$85,$10,$8D
52BA  0ED268A868          DB      $0E,$D2,$68,$A8,$68,$40,$A0,$00,$B1,$32,$8D,$0D,$D2,$18,$65,$31
52CA  690085314C          DB      $69,$00,$85,$31,$4C,$BC,$EA,$A5,$3B,$F0,$0B,$85,$3A,$A5,$10,$29
52DA  F785108D0E          DB      $F7,$85,$10,$8D,$0E,$D2,$68,$40,$A9,$00,$AC,$0F,$03,$D0,$02,$85
52EA  3185388539          DB      $31,$85,$38,$85,$39,$A9,$01,$85,$30,$20,$1F,$EC,$A9,$3C,$8D,$03
52FA  D3A511D003          DB      $D3,$A5,$11,$D0,$03,$4C,$A4,$ED,$AD,$17,$03,$F0,$05,$A5,$39,$F0
530A  F060A98A85          DB      $F0,$60,$A9,$8A,$85,$30,$60,$98,$48,$AD,$0F,$D2,$8D,$0A,$D2,$30
531A  04A08C8430          DB      $04,$A0,$8C,$84,$30,$29,$20,$D0,$04,$A0,$8E,$84,$30,$A5,$38,$F0
532A  13AD0DD2C5          DB      $13,$AD,$0D,$D2,$C5,$31,$F0,$04,$A0,$8F,$84,$30,$A9,$FF,$85,$39
533A  68A86840AD          DB      $68,$A8,$68,$40,$AD,$0D,$D2,$A0,$00,$91,$32,$18,$65,$31,$69,$00
534A  8531E632D0          DB      $85,$31,$E6,$32,$D0,$02,$E6,$33,$A5,$33,$C5,$35,$90,$E2,$A5,$32
535A  C53490DCA5          DB      $C5,$34,$90,$DC,$A5,$3C,$F0,$06,$A9,$00,$85,$3C,$F0,$CE,$A9,$FF
536A  8538D0CC18          DB      $85,$38,$D0,$CC,$18,$AD,$04,$03,$85,$32,$6D,$08,$03,$85,$34,$AD
537A  050385336D          DB      $05,$03,$85,$33,$6D,$09,$03,$85,$35,$60,$AD,$03,$03,$10,$2E,$A9
538A  CC8D04D2A9          DB      $CC,$8D,$04,$D2,$A9,$05,$8D,$06,$D2,$20,$F6,$EB,$A0,$0D,$AD,$0B
539A  033002A096          DB      $03,$30,$02,$A0,$96,$A2,$00,$20,$BD,$ED,$A9,$34,$8D,$02,$D3,$AD
53AA  1703D0FB20          DB      $17,$03,$D0,$FB,$20,$6E,$EB,$20,$6B,$EA,$4C,$E3,$EB,$A9,$FF,$8D
53BA  0F03A008AD          DB      $0F,$03,$A0,$08,$AD,$0B,$03,$30,$02,$A0,$64,$A2,$00,$20,$BD,$ED
53CA  A9348D02D3          DB      $A9,$34,$8D,$02,$D3,$AD,$17,$03,$D0,$FB,$20,$6E,$EB,$20,$79,$EC
53DA  20BDED2014          DB      $20,$BD,$ED,$20,$14,$ED,$20,$E2,$EA,$AD,$0B,$03,$30,$05,$A9,$3C
53EA  8D02D34C0D          DB      $8D,$02,$D3,$4C,$0D,$EA,$A9,$00,$8D,$17,$03,$60,$A9,$07,$2D,$32
53FA  020920AC00          DB      $02,$09,$20,$AC,$00,$03,$C0,$60,$D0,$0C,$09,$08,$A0,$07,$8C,$02
540A  D2A0058C00          DB      $D2,$A0,$05,$8C,$00,$D2,$8D,$32,$02,$8D,$0F,$D2,$A9,$C7,$25,$10
541A  09104C35EC          DB      $09,$10,$4C,$35,$EC,$A9,$07,$2D,$32,$02,$09,$10,$8D,$32,$02,$8D
542A  0FD28D0AD2          DB      $0F,$D2,$8D,$0A,$D2,$A9,$C7,$25,$10,$09,$20,$85,$10,$8D,$0E,$D2
543A  A9288D08D2          DB      $A9,$28,$8D,$08,$D2,$A2,$06,$A9,$A8,$A4,$41,$D0,$02,$A9,$A0,$9D
544A  01D2CACA10          DB      $01,$D2,$CA,$CA,$10,$F9,$A9,$A0,$8D,$05,$D2,$AC,$00,$03,$C0,$60
545A  F0068D01D2          DB      $F0,$06,$8D,$01,$D2,$8D,$03,$D2,$60,$EA,$A9,$C7,$25,$10,$85,$10
546A  8D0ED2A206          DB      $8D,$0E,$D2,$A2,$06,$A9,$00,$9D,$01,$D2,$CA,$CA,$10,$F9,$60,$AD
547A  06036A6AA8          DB      $06,$03,$6A,$6A,$A8,$29,$3F,$AA,$98,$6A,$29,$C0,$A8,$60,$11,$EB
548A  90EAD1EAA2          DB      $90,$EA,$D1,$EA,$A2,$01,$A0,$FF,$88,$D0,$FD,$CA,$D0,$F8,$20,$6B
549A  EAA002A200          DB      $EA,$A0,$02,$A2,$00,$20,$BD,$ED,$20,$1A,$EA,$98,$60,$8D,$10,$03
54AA  8C11032008          DB      $8C,$11,$03,$20,$08,$ED,$8D,$10,$03,$AD,$0C,$03,$20,$08,$ED,$8D
54BA  0C03AD1003          DB      $0C,$03,$AD,$10,$03,$38,$ED,$0C,$03,$8D,$12,$03,$AD,$11,$03,$38
54CA  ED0D03A8A9          DB      $ED,$0D,$03,$A8,$A9,$64,$18,$69,$9C,$88,$10,$FA,$18,$6D,$12,$03
54DA  A84A4A4A0A          DB      $A8,$4A,$4A,$4A,$0A,$38,$E9,$16,$AA,$98,$29,$07,$A8,$A9,$F5,$18
54EA  690B8810FA          DB      $69,$0B,$88,$10,$FA,$A0,$00,$8C,$0E,$03,$38,$E9,$07,$10,$03,$CE
54FA  0E03187DD2          DB      $0E,$03,$18,$7D,$D2,$ED,$A8,$AD,$0E,$03,$7D,$D3,$ED,$60,$C9,$7C
550A  300438E97C          DB      $30,$04,$38,$E9,$7C,$60,$18,$69,$20,$60,$A5,$11,$D0,$03,$4C,$A4
551A  ED78AD1703          DB      $ED,$78,$AD,$17,$03,$D0,$02,$F0,$25,$AD,$0F,$D2,$29,$10,$D0,$EA
552A  8D1603AE0B          DB      $8D,$16,$03,$AE,$0B,$D4,$A4,$14,$8E,$0C,$03,$8C,$0D,$03,$A2,$01
553A  8E1503A00A          DB      $8E,$15,$03,$A0,$0A,$A5,$11,$F0,$61,$AD,$17,$03,$D0,$04,$58,$4C
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554A  0CEBAD0FD2          DB      $0C,$EB,$AD,$0F,$D2,$29,$10,$CD,$16,$03,$F0,$E9,$8D,$16,$03,$88
555A  D0E3CE1503          DB      $D0,$E3,$CE,$15,$03,$30,$12,$AD,$0B,$D4,$A4,$14,$20,$A7,$EC,$8C
556A  EE028DEF02          DB      $EE,$02,$8D,$EF,$02,$A0,$09,$D0,$CC,$AD,$EE,$02,$8D,$04,$D2,$AD
557A  EF028D06D2          DB      $EF,$02,$8D,$06,$D2,$A9,$00,$8D,$0F,$D2,$AD,$32,$02,$8D,$0F,$D2
558A  A9559132C8          DB      $A9,$55,$91,$32,$C8,$91,$32,$A9,$AA,$85,$31,$18,$A5,$32,$69,$02
559A  8532A53369          DB      $85,$32,$A5,$33,$69,$00,$85,$33,$58,$60,$20,$63,$EC,$A9,$3C,$8D
55AA  02D38D03D3          DB      $02,$D3,$8D,$03,$D3,$A9,$80,$85,$30,$AE,$18,$03,$9A,$C6,$11,$58
55BA  4C0DEAA9F0          DB      $4C,$0D,$EA,$A9,$F0,$8D,$26,$02,$A9,$EB,$8D,$27,$02,$A9,$01,$8D
55CA  170378205C          DB      $17,$03,$78,$20,$5C,$E4,$58,$60,$E8,$03,$43,$04,$9E,$04,$F9,$04
55DA  5405AF050A          DB      $54,$05,$AF,$05,$0A,$06,$65,$06,$C0,$06,$1A,$07,$75,$07,$D0,$07
55EA  A9A08D4602          DB      $A9,$A0,$8D,$46,$02,$60,$A9,$31,$8D,$00,$03,$AD,$46,$02,$AE,$02
55FA  03E021F002          DB      $03,$E0,$21,$F0,$02,$A9,$07,$8D,$06,$03,$A2,$40,$A0,$80,$AD,$02
560A  03C957D002          DB      $03,$C9,$57,$D0,$02,$A2,$80,$C9,$53,$D0,$0C,$A9,$EA,$8D,$04,$03
561A  A9028D0503          DB      $A9,$02,$8D,$05,$03,$A0,$04,$8E,$03,$03,$8C,$08,$03,$A9,$00,$8D
562A  09032059E4          DB      $09,$03,$20,$59,$E4,$10,$01,$60,$AD,$02,$03,$C9,$53,$D0,$0A,$20
563A  6DEEA002B1          DB      $6D,$EE,$A0,$02,$B1,$15,$8D,$46,$02,$AD,$02,$03,$C9,$21,$D0,$1F
564A  206DEEA0FE          DB      $20,$6D,$EE,$A0,$FE,$C8,$C8,$B1,$15,$C9,$FF,$D0,$F8,$C8,$B1,$15
565A  C8C9FFD0F2          DB      $C8,$C9,$FF,$D0,$F2,$88,$88,$8C,$08,$03,$A9,$00,$8D,$09,$03,$AC
566A  030360AD04          DB      $03,$03,$60,$AD,$04,$03,$85,$15,$AD,$05,$03,$85,$16,$60,$A9,$1E
567A  851C60EA02          DB      $85,$1C,$60,$EA,$02,$C0,$03,$A9,$04,$85,$1E,$AE,$7D,$EE,$AC,$7E
568A  EEA9538D02          DB      $EE,$A9,$53,$8D,$02,$03,$8D,$0A,$03,$20,$E6,$EE,$20,$59,$E4,$30
569A  032014EF60          DB      $03,$20,$14,$EF,$60,$20,$81,$EE,$A9,$00,$85,$1D,$60,$85,$1F,$20
56AA  1AEFA61DA5          DB      $1A,$EF,$A6,$1D,$A5,$1F,$9D,$C0,$03,$E8,$E4,$1E,$F0,$13,$86,$1D
56BA  C99BF003A0          DB      $C9,$9B,$F0,$03,$A0,$01,$60,$A9,$20,$9D,$C0,$03,$E8,$E4,$1E,$D0
56CA  F8A900851D          DB      $F8,$A9,$00,$85,$1D,$AE,$7F,$EE,$AC,$80,$EE,$20,$E6,$EE,$20,$59
56DA  E460201AEF          DB      $E4,$60,$20,$1A,$EF,$A6,$1D,$D0,$DE,$A0,$01,$60,$8E,$04,$03,$8C
56EA  0503A9408D          DB      $05,$03,$A9,$40,$8D,$00,$03,$A9,$01,$8D,$01,$03,$A9,$80,$AE,$02
56FA  03E053D002          DB      $03,$E0,$53,$D0,$02,$A9,$40,$8D,$03,$03,$A5,$1E,$8D,$08,$03,$A9
570A  008D0903A5          DB      $00,$8D,$09,$03,$A5,$1C,$8D,$06,$03,$60,$AD,$EC,$02,$85,$1C,$60
571A  A057A52BC9          DB      $A0,$57,$A5,$2B,$C9,$4E,$D0,$04,$A2,$28,$D0,$0E,$C9,$44,$D0,$04
572A  A214D006C9          DB      $A2,$14,$D0,$06,$C9,$53,$D0,$0B,$A2,$1D,$86,$1E,$8C,$02,$03,$8D
573A  0A0360A94E          DB      $0A,$03,$60,$A9,$4E,$D0,$DD,$A9,$CC,$8D,$EE,$02,$A9,$05,$8D,$EF
574A  0260A52B85          DB      $02,$60,$A5,$2B,$85,$3E,$A5,$2A,$29,$0C,$C9,$04,$F0,$05,$C9,$08
575A  F03960A900          DB      $F0,$39,$60,$A9,$00,$8D,$89,$02,$85,$3F,$A9,$01,$20,$58,$F0,$30
576A  24A9348D02          DB      $24,$A9,$34,$8D,$02,$D3,$A0,$E0,$A2,$01,$A9,$03,$8D,$2A,$02,$20
577A  5CE4AD2A02          DB      $5C,$E4,$AD,$2A,$02,$D0,$FB,$A9,$80,$85,$3D,$8D,$8A,$02,$4C,$D3
578A  EFA080C611          DB      $EF,$A0,$80,$C6,$11,$A9,$00,$8D,$89,$02,$60,$A9,$80,$8D,$89,$02
579A  A9022058F0          DB      $A9,$02,$20,$58,$F0,$30,$EE,$A9,$CC,$8D,$04,$D2,$A9,$05,$8D,$06
57AA  D2A9608D00          DB      $D2,$A9,$60,$8D,$00,$03,$20,$68,$E4,$A9,$34,$8D,$02,$D3,$A9,$03
57BA  A203A0C020          DB      $A2,$03,$A0,$C0,$20,$5C,$E4,$A9,$FF,$8D,$2A,$02,$A5,$11,$F0,$C1
57CA  AD2A02D0F7          DB      $AD,$2A,$02,$D0,$F7,$A9,$00,$85,$3D,$A0,$01,$60,$A5,$3F,$30,$33
57DA  A63DEC8A02          DB      $A6,$3D,$EC,$8A,$02,$F0,$08,$BD,$00,$04,$E6,$3D,$A0,$01,$60,$A9
57EA  522095F098          DB      $52,$20,$95,$F0,$98,$30,$F7,$A9,$00,$85,$3D,$A2,$80,$AD,$FF,$03
57FA  C9FEF00DC9          DB      $C9,$FE,$F0,$0D,$C9,$FA,$D0,$03,$AE,$7F,$04,$8E,$8A,$02,$4C,$D6
580A  EFC63FA088          DB      $EF,$C6,$3F,$A0,$88,$60,$A6,$3D,$9D,$00,$04,$E6,$3D,$A0,$01,$E0
581A  7FF00160A9          DB      $7F,$F0,$01,$60,$A9,$FC,$20,$D2,$F0,$A9,$00,$85,$3D,$60,$A0,$01
582A  60AD890230          DB      $60,$AD,$89,$02,$30,$08,$A0,$01,$A9,$3C,$8D,$02,$D3,$60,$A6,$3D
583A  F00A8E7F04          DB      $F0,$0A,$8E,$7F,$04,$A9,$FA,$20,$D2,$F0,$30,$EC,$A2,$7F,$A9,$00
584A  9D0004CA10          DB      $9D,$00,$04,$CA,$10,$FA,$A9,$FE,$20,$D2,$F0,$4C,$32,$F0,$85,$40
585A  A514186919          DB      $A5,$14,$18,$69,$19,$AA,$A9,$FF,$8D,$1F,$D0,$A9,$00,$A0,$F0,$88
586A  D0FD8D1FD0          DB      $D0,$FD,$8D,$1F,$D0,$A0,$F0,$88,$D0,$FD,$E4,$14,$D0,$E8,$C6,$40
587A  F00B8A1869          DB      $F0,$0B,$8A,$18,$69,$08,$AA,$E4,$14,$D0,$FC,$F0,$D3,$20,$8C,$F0
588A  9860AD25E4          DB      $98,$60,$AD,$25,$E4,$48,$AD,$24,$E4,$48,$60,$8D,$02,$03,$A9,$00
589A  8D0903A983          DB      $8D,$09,$03,$A9,$83,$8D,$08,$03,$A9,$03,$8D,$05,$03,$A9,$FD,$8D
58AA  0403A9608D          DB      $04,$03,$A9,$60,$8D,$00,$03,$A9,$00,$8D,$01,$03,$A9,$23,$8D,$06
58BA  03AD0203A0          DB      $03,$AD,$02,$03,$A0,$40,$C9,$52,$F0,$02,$A0,$80,$8C,$03,$03,$A5
58CA  3E8D0B0320          DB      $3E,$8D,$0B,$03,$20,$59,$E4,$60,$8D,$FF,$03,$A9,$55,$8D,$FD,$03
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58DA  8DFE03A957          DB      $8D,$FE,$03,$A9,$57,$20,$95,$F0,$60,$50,$30,$E4,$43,$40,$E4,$45
58EA  00E45310E4          DB      $00,$E4,$53,$10,$E4,$4B,$20,$E4,$7D,$41,$54,$41,$52,$49,$20,$43
58FA  4F4D505554          DB      $4F,$4D,$50,$55,$54,$45,$52,$20,$2D,$20,$4D,$45,$4D,$4F,$20,$50
590A  41449B424F          DB      $41,$44,$9B,$42,$4F,$4F,$54,$20,$45,$52,$52,$4F,$52,$9B,$45,$3A
591A  9B78AD4402          DB      $9B,$78,$AD,$44,$02,$D0,$04,$A9,$FF,$D0,$03,$78,$A9,$00,$85,$08
592A  D8A2FF9A20          DB      $D8,$A2,$FF,$9A,$20,$3F,$F2,$20,$81,$F2,$A5,$08,$D0,$28,$A9,$00
593A  A008850485          DB      $A0,$08,$85,$04,$85,$05,$91,$04,$C8,$C0,$00,$D0,$F9,$E6,$05,$A6
594A  05E406D0F1          DB      $05,$E4,$06,$D0,$F1,$AD,$72,$E4,$85,$0A,$AD,$73,$E4,$85,$0B,$A9
595A  FF8D4402D0          DB      $FF,$8D,$44,$02,$D0,$13,$A2,$00,$8A,$9D,$00,$02,$9D,$00,$03,$CA
596A  D0F7A21095          DB      $D0,$F7,$A2,$10,$95,$00,$E8,$10,$FB,$A9,$02,$85,$52,$A9,$27,$85
597A  53A225BD80          DB      $53,$A2,$25,$BD,$80,$E4,$9D,$00,$02,$CA,$10,$F7,$20,$94,$F2,$58
598A  A20EBDE3F0          DB      $A2,$0E,$BD,$E3,$F0,$9D,$1A,$03,$CA,$10,$F7,$A2,$00,$86,$07,$86
599A  06AEE402E0          DB      $06,$AE,$E4,$02,$E0,$90,$B0,$0A,$AD,$FC,$9F,$D0,$05,$E6,$07,$20
59AA  3CF2AEE402          DB      $3C,$F2,$AE,$E4,$02,$E0,$B0,$B0,$0A,$AE,$FC,$BF,$D0,$05,$E6,$06
59BA  2039F2A903          DB      $20,$39,$F2,$A9,$03,$A2,$00,$9D,$42,$03,$A9,$18,$9D,$44,$03,$A9
59CA  F19D4503A9          DB      $F1,$9D,$45,$03,$A9,$0C,$9D,$4A,$03,$20,$56,$E4,$10,$03,$4C,$25
59DA  F1E8D0FDC8          DB      $F1,$E8,$D0,$FD,$C8,$10,$FA,$20,$B2,$F3,$A5,$06,$05,$07,$F0,$12
59EA  A506F003AD          DB      $A5,$06,$F0,$03,$AD,$FD,$BF,$A6,$07,$F0,$03,$0D,$FD,$9F,$29,$01
59FA  F00320CFF2          DB      $F0,$03,$20,$CF,$F2,$A9,$00,$8D,$44,$02,$A5,$06,$F0,$0A,$AD,$FD
5A0A  BF2904F003          DB      $BF,$29,$04,$F0,$03,$6C,$FA,$BF,$A5,$07,$F0,$0A,$AD,$FD,$9F,$29
5A1A  04F0DF6CFA          DB      $04,$F0,$DF,$6C,$FA,$9F,$6C,$0A,$00,$A2,$F2,$A0,$F0,$20,$85,$F3
5A2A  2030F24C2A          DB      $20,$30,$F2,$4C,$2A,$F2,$AD,$05,$E4,$48,$AD,$04,$E4,$48,$60,$6C
5A3A  FEBF6CFE9F          DB      $FE,$BF,$6C,$FE,$9F,$AD,$FC,$BF,$D0,$12,$EE,$FC,$BF,$AD,$FC,$BF
5A4A  D00AADFDBF          DB      $D0,$0A,$AD,$FD,$BF,$29,$80,$F0,$03,$6C,$FE,$BF,$CE,$FC,$BF,$A9
5A5A  008505A910          DB      $00,$85,$05,$A9,$10,$85,$06,$A0,$00,$B1,$05,$85,$07,$49,$FF,$85
5A6A  049105B105          DB      $04,$91,$05,$B1,$05,$C5,$04,$D0,$0D,$A5,$07,$91,$05,$A5,$06,$18
5A7A  69108506D0          DB      $69,$10,$85,$06,$D0,$E3,$60,$A9,$00,$AA,$9D,$00,$D0,$9D,$00,$D4
5A8A  9D00D2EAEA          DB      $9D,$00,$D2,$EA,$EA,$EA,$E8,$D0,$F1,$60,$C6,$11,$A5,$06,$8D,$E4
5A9A  028DE602A9          DB      $02,$8D,$E6,$02,$A9,$00,$8D,$E5,$02,$A9,$00,$8D,$E7,$02,$A9,$07
5AAA  8DE802200C          DB      $8D,$E8,$02,$20,$0C,$E4,$20,$1C,$E4,$20,$2C,$E4,$20,$3C,$E4,$20
5ABA  4CE4206EE4          DB      $4C,$E4,$20,$6E,$E4,$20,$65,$E4,$20,$6B,$E4,$AD,$1F,$D0,$29,$01
5ACA  D002E64A60          DB      $D0,$02,$E6,$4A,$60,$A5,$08,$F0,$0A,$A5,$09,$29,$01,$F0,$03,$20
5ADA  7EF360A901          DB      $7E,$F3,$60,$A9,$01,$8D,$01,$03,$A9,$53,$8D,$02,$03,$20,$53,$E4
5AEA  100160A900          DB      $10,$01,$60,$A9,$00,$8D,$0B,$03,$A9,$01,$8D,$0A,$03,$A9,$00,$8D
5AFA  0403A9048D          DB      $04,$03,$A9,$04,$8D,$05,$03,$20,$9D,$F3,$10,$08,$20,$81,$F3,$A5
5B0A  4BF0E060A2          DB      $4B,$F0,$E0,$60,$A2,$03,$BD,$00,$04,$9D,$40,$02,$CA,$10,$F7,$AD
5B1A  42028504AD          DB      $42,$02,$85,$04,$AD,$43,$02,$85,$05,$AD,$04,$04,$85,$0C,$AD,$05
5B2A  04850DA07F          DB      $04,$85,$0D,$A0,$7F,$B9,$00,$04,$91,$04,$88,$10,$F8,$18,$A5,$04
5B3A  69808504A5          DB      $69,$80,$85,$04,$A5,$05,$69,$00,$85,$05,$CE,$41,$02,$F0,$11,$EE
5B4A  0A03209DF3          DB      $0A,$03,$20,$9D,$F3,$10,$DC,$20,$81,$F3,$A5,$4B,$D0,$AE,$F0,$F2
5B5A  A54BF00320          DB      $A5,$4B,$F0,$03,$20,$9D,$F3,$20,$6C,$F3,$B0,$A0,$20,$7E,$F3,$E6
5B6A  096018AD42          DB      $09,$60,$18,$AD,$42,$02,$69,$06,$85,$04,$AD,$43,$02,$69,$00,$85
5B7A  056C04006C          DB      $05,$6C,$04,$00,$6C,$0C,$00,$A2,$0D,$A0,$F1,$8A,$A2,$00,$9D,$44
5B8A  03989D4503          DB      $03,$98,$9D,$45,$03,$A9,$09,$9D,$42,$03,$A9,$FF,$9D,$48,$03,$20
5B9A  56E460A54B          DB      $56,$E4,$60,$A5,$4B,$F0,$03,$4C,$7A,$E4,$A9,$52,$8D,$02,$03,$A9
5BAA  018D010320          DB      $01,$8D,$01,$03,$20,$53,$E4,$60,$A5,$08,$F0,$0A,$A5,$09,$29,$02
5BBA  F00320E1F3          DB      $F0,$03,$20,$E1,$F3,$60,$A5,$4A,$F0,$1C,$A9,$80,$85,$3E,$E6,$4B
5BCA  207DE42001          DB      $20,$7D,$E4,$20,$01,$F3,$A9,$00,$85,$4B,$85,$4A,$06,$09,$A5,$0C
5BDA  8502A50D85          DB      $85,$02,$A5,$0D,$85,$03,$60,$6C,$02,$00,$A9,$FF,$8D,$FC,$02,$AD
5BEA  E60229F085          DB      $E6,$02,$29,$F0,$85,$6A,$A9,$40,$8D,$BE,$02,$60,$A5,$2B,$29,$0F
5BFA  D008A52A29          DB      $D0,$08,$A5,$2A,$29,$0F,$85,$2A,$A9,$00,$85,$57,$A9,$E0,$8D,$F4
5C0A  02A9028DF3          DB      $02,$A9,$02,$8D,$F3,$02,$8D,$2F,$02,$A9,$01,$85,$4C,$A9,$C0,$05
5C1A  1085108D0E          DB      $10,$85,$10,$8D,$0E,$D2,$A9,$00,$8D,$93,$02,$85,$64,$85,$7B,$8D
5C2A  F002A00EA9          DB      $F0,$02,$A0,$0E,$A9,$01,$99,$A3,$02,$88,$10,$FA,$A2,$04,$BD,$C1
5C3A  FE9DC402CA          DB      $FE,$9D,$C4,$02,$CA,$10,$F7,$A4,$6A,$88,$8C,$95,$02,$A9,$60,$8D
5C4A  9402A657BD          DB      $94,$02,$A6,$57,$BD,$69,$FE,$D0,$04,$A9,$91,$85,$4C,$85,$51,$A5
5C5A  6A8565BC45          DB      $6A,$85,$65,$BC,$45,$FE,$A9,$28,$20,$21,$F9,$88,$D0,$F8,$AD,$6F
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5C6A  02293F8567          DB      $02,$29,$3F,$85,$67,$A8,$E0,$08,$90,$17,$8A,$6A,$6A,$6A,$29,$C0
5C7A  0567A8A910          DB      $05,$67,$A8,$A9,$10,$20,$21,$F9,$E0,$0B,$D0,$05,$A9,$06,$8D,$C8
5C8A  028C6F02A5          DB      $02,$8C,$6F,$02,$A5,$64,$85,$58,$A5,$65,$85,$59,$AD,$0B,$D4,$C9
5C9A  7AD0F9201F          DB      $7A,$D0,$F9,$20,$1F,$F9,$BD,$75,$FE,$F0,$06,$A9,$FF,$85,$64,$C6
5CAA  65A5648568          DB      $65,$A5,$64,$85,$68,$A5,$65,$85,$69,$20,$13,$F9,$A9,$41,$20,$17
5CBA  F98666A918          DB      $F9,$86,$66,$A9,$18,$8D,$BF,$02,$A5,$57,$C9,$09,$B0,$2D,$A5,$2A
5CCA  2910F027A9          DB      $29,$10,$F0,$27,$A9,$04,$8D,$BF,$02,$A2,$02,$A9,$02,$20,$17,$F9
5CDA  CA10F8A46A          DB      $CA,$10,$F8,$A4,$6A,$88,$98,$20,$17,$F9,$A9,$60,$20,$17,$F9,$A9
5CEA  422017F918          DB      $42,$20,$17,$F9,$18,$A9,$0C,$65,$66,$85,$66,$A4,$66,$BE,$51,$FE
5CFA  A5512017F9          DB      $A5,$51,$20,$17,$F9,$CA,$D0,$F8,$A5,$57,$C9,$08,$90,$1C,$A2,$5D
5D0A  A56A38E910          DB      $A5,$6A,$38,$E9,$10,$20,$17,$F9,$A9,$00,$20,$17,$F9,$A9,$4F,$20
5D1A  17F9A55120          DB      $17,$F9,$A5,$51,$20,$17,$F9,$CA,$D0,$F8,$A5,$59,$20,$17,$F9,$A5
5D2A  582017F9A5          DB      $58,$20,$17,$F9,$A5,$51,$09,$40,$20,$17,$F9,$A9,$70,$20,$17,$F9
5D3A  A9702017F9          DB      $A9,$70,$20,$17,$F9,$A5,$64,$8D,$30,$02,$A5,$65,$8D,$31,$02,$A9
5D4A  702017F9A5          DB      $70,$20,$17,$F9,$A5,$64,$8D,$E5,$02,$A5,$65,$8D,$E6,$02,$A5,$68
5D5A  8564A56985          DB      $85,$64,$A5,$69,$85,$65,$AD,$31,$02,$20,$17,$F9,$AD,$30,$02,$20
5D6A  17F9A54C10          DB      $17,$F9,$A5,$4C,$10,$07,$48,$20,$FC,$F3,$68,$A8,$60,$A5,$2A,$29
5D7A  20D00B20B9          DB      $20,$D0,$0B,$20,$B9,$F7,$8D,$90,$02,$A5,$52,$8D,$91,$02,$A9,$22
5D8A  0D2F028D2F          DB      $0D,$2F,$02,$8D,$2F,$02,$4C,$21,$F6,$20,$96,$FA,$20,$A2,$F5,$20
5D9A  32FB20D4F9          DB      $32,$FB,$20,$D4,$F9,$4C,$34,$F6,$20,$47,$F9,$B1,$64,$2D,$A0,$02
5DAA  466FB0034A          DB      $46,$6F,$B0,$03,$4A,$10,$F9,$8D,$FA,$02,$C9,$00,$60,$8D,$FB,$02
5DBA  2096FAADFB          DB      $20,$96,$FA,$AD,$FB,$02,$C9,$7D,$D0,$06,$20,$B9,$F7,$4C,$21,$F6
5DCA  ADFB02C99B          DB      $AD,$FB,$02,$C9,$9B,$D0,$06,$20,$30,$FA,$4C,$21,$F6,$20,$E0,$F5
5DDA  20D8F94C21          DB      $20,$D8,$F9,$4C,$21,$F6,$AD,$FF,$02,$D0,$FB,$A2,$02,$B5,$54,$95
5DEA  5ACA10F9AD          DB      $5A,$CA,$10,$F9,$AD,$FB,$02,$A8,$2A,$2A,$2A,$2A,$29,$03,$AA,$98
5DFA  299F1DF6FE          DB      $29,$9F,$1D,$F6,$FE,$8D,$FA,$02,$20,$47,$F9,$AD,$FA,$02,$46,$6F
5E0A  B0040A4C08          DB      $B0,$04,$0A,$4C,$08,$F6,$2D,$A0,$02,$85,$50,$AD,$A0,$02,$49,$FF
5E1A  3164055091          DB      $31,$64,$05,$50,$91,$64,$60,$20,$A2,$F5,$85,$5D,$A6,$57,$D0,$0A
5E2A  AEF002D005          DB      $AE,$F0,$02,$D0,$05,$49,$80,$20,$FF,$F5,$A4,$4C,$A9,$01,$85,$4C
5E3A  ADFB026020          DB      $AD,$FB,$02,$60,$20,$B3,$FC,$20,$88,$FA,$A5,$6B,$D0,$34,$A5,$54
5E4A  856CA55585          DB      $85,$6C,$A5,$55,$85,$6D,$20,$E2,$F6,$84,$4C,$AD,$FB,$02,$C9,$9B
5E5A  F01220ADF6          DB      $F0,$12,$20,$AD,$F6,$20,$B3,$FC,$A5,$63,$C9,$71,$D0,$03,$20,$0A
5E6A  F94C50F620          DB      $F9,$4C,$50,$F6,$20,$E4,$FA,$20,$00,$FC,$A5,$6C,$85,$54,$A5,$6D
5E7A  8555A56BF0          DB      $85,$55,$A5,$6B,$F0,$11,$C6,$6B,$F0,$0D,$A5,$4C,$30,$F8,$20,$93
5E8A  F58DFB024C          DB      $F5,$8D,$FB,$02,$4C,$B3,$FC,$20,$30,$FA,$A9,$9B,$8D,$FB,$02,$20
5E9A  21F6844C4C          DB      $21,$F6,$84,$4C,$4C,$B3,$FC,$6C,$64,$00,$8D,$FB,$02,$20,$B3,$FC
5EAA  2088FA20E4          DB      $20,$88,$FA,$20,$E4,$FA,$20,$8D,$FC,$F0,$09,$0E,$A2,$02,$20,$CA
5EBA  F54CB3FCAD          DB      $F5,$4C,$B3,$FC,$AD,$FE,$02,$0D,$A2,$02,$D0,$EF,$0E,$A2,$02,$E8
5ECA  BDC6FE8564          DB      $BD,$C6,$FE,$85,$64,$BD,$C7,$FE,$85,$65,$20,$A1,$F6,$20,$21,$F6
5EDA  4CB3FCA9FF          DB      $4C,$B3,$FC,$A9,$FF,$8D,$FC,$02,$A5,$2A,$4A,$B0,$62,$A9,$80,$A6
5EEA  11F058ADFC          DB      $11,$F0,$58,$AD,$FC,$02,$C9,$FF,$F0,$EE,$85,$7C,$A2,$FF,$8E,$FC
5EFA  0220D8FCAA          DB      $02,$20,$D8,$FC,$AA,$E0,$C0,$90,$02,$A2,$03,$BD,$FE,$FE,$8D,$FB
5F0A  02C980F0CE          DB      $02,$C9,$80,$F0,$CE,$C9,$81,$D0,$0B,$AD,$B6,$02,$49,$80,$8D,$B6
5F1A  024CDDF6C9          DB      $02,$4C,$DD,$F6,$C9,$82,$D0,$07,$A9,$00,$8D,$BE,$02,$F0,$B4,$C9
5F2A  83D007A940          DB      $83,$D0,$07,$A9,$40,$8D,$BE,$02,$D0,$A9,$C9,$84,$D0,$07,$A9,$80
5F3A  8DBE02D09E          DB      $8D,$BE,$02,$D0,$9E,$C9,$85,$D0,$0A,$A9,$88,$85,$4C,$85,$11,$A9
5F4A  9BD026A57C          DB      $9B,$D0,$26,$A5,$7C,$C9,$40,$B0,$15,$AD,$FB,$02,$C9,$61,$90,$0E
5F5A  C97BB00AAD          DB      $C9,$7B,$B0,$0A,$AD,$BE,$02,$F0,$05,$05,$7C,$4C,$FE,$F6,$20,$8D
5F6A  FCF009ADFB          DB      $FC,$F0,$09,$AD,$FB,$02,$4D,$B6,$02,$8D,$FB,$02,$4C,$34,$F6,$A9
5F7A  808DA20260          DB      $80,$8D,$A2,$02,$60,$C6,$54,$10,$06,$AE,$BF,$02,$CA,$86,$54,$4C
5F8A  5CFCE654A5          DB      $5C,$FC,$E6,$54,$A5,$54,$CD,$BF,$02,$90,$F4,$A2,$00,$F0,$EE,$C6
5F9A  55A5553004          DB      $55,$A5,$55,$30,$04,$C5,$52,$B0,$04,$A5,$53,$85,$55,$4C,$DD,$FB
5FAA  E655A555C5          DB      $E6,$55,$A5,$55,$C5,$53,$90,$F5,$F0,$F3,$A5,$52,$4C,$A5,$F7,$20
5FBA  F3FCA00098          DB      $F3,$FC,$A0,$00,$98,$91,$64,$C8,$D0,$FB,$E6,$65,$A6,$65,$E4,$6A
5FCA  90F3A9FF99          DB      $90,$F3,$A9,$FF,$99,$B2,$02,$C8,$C0,$04,$90,$F8,$20,$E4,$FC,$85
5FDA  63856DA900          DB      $63,$85,$6D,$A9,$00,$85,$54,$85,$56,$85,$6C,$60,$A5,$63,$C5,$52
5FEA  F021A555C5          DB      $F0,$21,$A5,$55,$C5,$52,$D0,$03,$20,$73,$FC,$20,$99,$F7,$A5,$55
```

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5FFA  C553D007A5          DB      $C5,$53,$D0,$07,$A5,$54,$F0,$03,$20,$7F,$F7,$A9,$20,$8D,$FB,$02
600A  20E0F54CDD          DB      $20,$E0,$F5,$4C,$DD,$FB,$20,$AA,$F7,$A5,$55,$C5,$52,$D0,$0A,$20
601A  34FA2020FB          DB      $34,$FA,$20,$20,$FB,$90,$02,$B0,$07,$A5,$63,$20,$25,$FB,$90,$E6
602A  4CDDFBA563          DB      $4C,$DD,$FB,$A5,$63,$4C,$06,$FB,$A5,$63,$4C,$12,$FB,$20,$9D,$FC
603A  20A2F5857D          DB      $20,$A2,$F5,$85,$7D,$A9,$00,$8D,$BB,$02,$20,$FF,$F5,$A5,$63,$48
604A  20DCF968C5          DB      $20,$DC,$F9,$68,$C5,$63,$B0,$0C,$A5,$7D,$48,$20,$A2,$F5,$85,$7D
605A  684C44F820          DB      $68,$4C,$44,$F8,$20,$A8,$FC,$CE,$BB,$02,$30,$04,$C6,$54,$D0,$F7
606A  4CDDFB209D          DB      $4C,$DD,$FB,$20,$9D,$FC,$20,$47,$F9,$A5,$64,$85,$68,$A5,$65,$85
607A  69A5634820          DB      $69,$A5,$63,$48,$20,$D4,$F9,$68,$C5,$63,$B0,$10,$A5,$54,$CD,$BF
608A  02B00920A2          DB      $02,$B0,$09,$20,$A2,$F5,$A0,$00,$91,$68,$F0,$DA,$A0,$00,$98,$91
609A  682068FC20          DB      $68,$20,$68,$FC,$20,$A8,$FC,$4C,$DD,$FB,$38,$20,$7B,$FB,$A5,$52
60AA  85552047F9          DB      $85,$55,$20,$47,$F9,$A5,$64,$85,$68,$18,$69,$28,$85,$66,$A5,$65
60BA  8569690085          DB      $85,$69,$69,$00,$85,$67,$A6,$54,$E0,$17,$F0,$08,$20,$4E,$FB,$E8
60CA  E017D0F820          DB      $E0,$17,$D0,$F8,$20,$9B,$FB,$4C,$DD,$FB,$20,$DD,$FB,$A4,$51,$84
60DA  54A4549838          DB      $54,$A4,$54,$98,$38,$20,$23,$FB,$08,$98,$18,$69,$78,$28,$20,$04
60EA  FBC8C018D0          DB      $FB,$C8,$C0,$18,$D0,$ED,$AD,$B4,$02,$09,$01,$8D,$B4,$02,$A5,$52
60FA  85552047F9          DB      $85,$55,$20,$47,$F9,$20,$B7,$FB,$20,$20,$FB,$90,$D4,$4C,$DD,$FB
610A  A02020D8FC          DB      $A0,$20,$20,$D8,$FC,$88,$10,$FA,$60,$A9,$02,$D0,$0A,$A4,$4C,$30
611A  2BA0009164          DB      $2B,$A0,$00,$91,$64,$A9,$01,$8D,$9E,$02,$A5,$4C,$30,$1E,$A5,$64
612A  38ED9E0285          DB      $38,$ED,$9E,$02,$85,$64,$B0,$02,$C6,$65,$A5,$0F,$C5,$65,$90,$0C
613A  D006A50EC5          DB      $D0,$06,$A5,$0E,$C5,$64,$90,$04,$A9,$93,$85,$4C,$60,$A5,$54,$48
614A  A55548A556          DB      $A5,$55,$48,$A5,$56,$48,$20,$F3,$FC,$A5,$54,$85,$66,$A9,$00,$85
615A  67A5660A26          DB      $67,$A5,$66,$0A,$26,$67,$85,$51,$A4,$67,$8C,$9F,$02,$0A,$26,$67
616A  0A26671865          DB      $0A,$26,$67,$18,$65,$51,$85,$66,$A5,$67,$6D,$9F,$02,$85,$67,$A6
617A  57BC81FE88          DB      $57,$BC,$81,$FE,$88,$30,$07,$06,$66,$26,$67,$4C,$7E,$F9,$BC,$A5
618A  FEA555A207          DB      $FE,$A5,$55,$A2,$07,$88,$30,$0A,$CA,$46,$56,$6A,$6E,$A1,$02,$4C
619A  8FF9C81865          DB      $8F,$F9,$C8,$18,$65,$66,$85,$66,$90,$02,$E6,$67,$38,$6E,$A1,$02
61AA  18CA10F9AE          DB      $18,$CA,$10,$F9,$AE,$A1,$02,$A5,$66,$18,$65,$64,$85,$64,$85,$5E
61BA  A567656585          DB      $A5,$67,$65,$65,$85,$65,$85,$5F,$BD,$B1,$FE,$8D,$A0,$02,$85,$6F
61CA  6885566885          DB      $68,$85,$56,$68,$85,$55,$68,$85,$54,$60,$A9,$00,$F0,$02,$A9,$9B
61DA  857DE663E6          DB      $85,$7D,$E6,$63,$E6,$55,$D0,$02,$E6,$56,$A5,$55,$A6,$57,$DD,$8D
61EA  FEF00BE000          DB      $FE,$F0,$0B,$E0,$00,$D0,$06,$C5,$53,$F0,$02,$B0,$01,$60,$E0,$08
61FA  9004A556F0          DB      $90,$04,$A5,$56,$F0,$F7,$A5,$57,$D0,$30,$A5,$63,$C9,$51,$90,$0A
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621A  69782025FB          DB      $69,$78,$20,$25,$FB,$90,$08,$A5,$7D,$F0,$04,$18,$20,$A5,$F8,$4C
622A  DDFBA900F0          DB      $DD,$FB,$A9,$00,$F0,$02,$A9,$9B,$85,$7D,$20,$E4,$FC,$A9,$00,$85
623A  56E654A657          DB      $56,$E6,$54,$A6,$57,$A0,$18,$24,$7B,$10,$05,$A0,$04,$98,$D0,$03
624A  BD99FEC554          DB      $BD,$99,$FE,$C5,$54,$D0,$26,$8C,$9D,$02,$8A,$D0,$20,$A5,$7D,$F0
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626A  9D02ADB202          DB      $9D,$02,$AD,$B2,$02,$38,$10,$EF,$AD,$9D,$02,$85,$54,$4C,$DD,$FB
627A  38B570E574          DB      $38,$B5,$70,$E5,$74,$95,$70,$B5,$71,$E5,$75,$95,$71,$60,$AD,$BF
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62BA  16BD8DFEC5          DB      $16,$BD,$8D,$FE,$C5,$55,$90,$0F,$F0,$0D,$A9,$01,$85,$4C,$A9,$80
62CA  A6118511F0          DB      $A6,$11,$85,$11,$F0,$06,$60,$20,$D6,$F7,$A9,$8D,$85,$4C,$68,$68
62DA  A57B100320          DB      $A5,$7B,$10,$03,$20,$B9,$FC,$4C,$34,$F6,$A0,$00,$A5,$5D,$91,$5E
62EA  60482907AA          DB      $60,$48,$29,$07,$AA,$BD,$B9,$FE,$85,$6E,$68,$4A,$4A,$4A,$AA,$60
62FA  2EB4022EB3          DB      $2E,$B4,$02,$2E,$B3,$02,$2E,$B2,$02,$60,$90,$0C,$20,$EB,$FA,$BD
630A  A302056E9D          DB      $A3,$02,$05,$6E,$9D,$A3,$02,$60,$20,$EB,$FA,$A5,$6E,$49,$FF,$3D
631A  A3029DA302          DB      $A3,$02,$9D,$A3,$02,$60,$A5,$54,$18,$69,$78,$20,$EB,$FA,$18,$BD
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633A  0F2A2A2A2A          DB      $0F,$2A,$2A,$2A,$2A,$29,$03,$AA,$AD,$FA,$02,$29,$9F,$1D,$FA,$FE
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635A  8550B16891          DB      $85,$50,$B1,$68,$91,$66,$A5,$50,$91,$64,$88,$10,$F1,$A5,$65,$85
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638A  FB883004C4          DB      $FB,$88,$30,$04,$C4,$54,$B0,$EC,$A5,$54,$18,$69,$78,$28,$4C,$04
639A  FBA5528555          DB      $FB,$A5,$52,$85,$55,$20,$47,$F9,$A0,$27,$A9,$00,$91,$64,$88,$10
63AA  FB6020FAFA          DB      $FB,$60,$20,$FA,$FA,$A5,$58,$85,$64,$A5,$59,$85,$65,$A0,$28,$B1
63BA  64A66ACAE4          DB      $64,$A6,$6A,$CA,$E4,$65,$D0,$08,$A2,$D7,$E4,$64,$B0,$02,$A9,$00
63CA  A0009164E6          DB      $A0,$00,$91,$64,$E6,$64,$D0,$E5,$E6,$65,$A5,$65,$C5,$6A,$D0,$DD
63DA  4CDDFBA900          DB      $4C,$DD,$FB,$A9,$00,$85,$63,$A5,$54,$85,$51,$A5,$51,$20,$22,$FB
63EA  B00CA56318          DB      $B0,$0C,$A5,$63,$18,$69,$28,$85,$63,$C6,$51,$4C,$E5,$FB,$18,$A5
63FA  6365558563          DB      $63,$65,$55,$85,$63,$60,$20,$9D,$FC,$A5,$63,$48,$A5,$6C,$85,$54
640A  A56D8555A9          DB      $A5,$6D,$85,$55,$A9,$01,$85,$6B,$A2,$17,$A5,$7B,$10,$02,$A2,$03
641A  E454D00BA5          DB      $E4,$54,$D0,$0B,$A5,$55,$C5,$53,$D0,$05,$E6,$6B,$4C,$39,$FC,$20
642A  D4F9E66BA5          DB      $D4,$F9,$E6,$6B,$A5,$63,$C5,$52,$D0,$DE,$C6,$54,$20,$99,$F7,$20
643A  A2F5D017C6          DB      $A2,$F5,$D0,$17,$C6,$6B,$A5,$63,$C5,$52,$F0,$0F,$20,$99,$F7,$A5
644A  55C553D002          DB      $55,$C5,$53,$D0,$02,$C6,$54,$A5,$6B,$D0,$E4,$68,$85,$63,$20,$A8
645A  FC6020DDFB          DB      $FC,$60,$20,$DD,$FB,$A5,$51,$85,$6C,$A5,$52,$85,$6D,$60,$A5,$63
646A  C552D002C6          DB      $C5,$52,$D0,$02,$C6,$54,$20,$DD,$FB,$A5,$63,$C5,$52,$F0,$13,$20
647A  47F9A55338          DB      $47,$F9,$A5,$53,$38,$E5,$52,$A8,$B1,$64,$D0,$06,$88,$10,$F9,$4C
648A  DBF860A22D          DB      $DB,$F8,$60,$A2,$2D,$BD,$C6,$FE,$CD,$FB,$02,$F0,$05,$CA,$CA,$CA
649A  10F360A202          DB      $10,$F3,$60,$A2,$02,$B5,$54,$9D,$B8,$02,$CA,$10,$F8,$60,$A2,$02
64AA  BDB8029554          DB      $BD,$B8,$02,$95,$54,$CA,$10,$F8,$60,$20,$B9,$FC,$4C,$34,$F6,$AD
64BA  BF02C918F0          DB      $BF,$02,$C9,$18,$F0,$17,$A2,$0B,$B5,$54,$48,$BD,$90,$02,$95,$54
64CA  689D9002CA          DB      $68,$9D,$90,$02,$CA,$10,$F1,$A5,$7B,$49,$FF,$85,$7B,$60,$A2,$7F
64DA  8E1FD08E0A          DB      $8E,$1F,$D0,$8E,$0A,$D4,$CA,$10,$F7,$60,$A9,$00,$A6,$7B,$D0,$04
64EA  A657D002A5          DB      $A6,$57,$D0,$02,$A5,$52,$85,$55,$60,$A5,$58,$85,$64,$A5,$59,$85
64FA  6560A200A5          DB      $65,$60,$A2,$00,$A5,$22,$C9,$11,$F0,$08,$C9,$12,$F0,$03,$A0,$84
650A  60E88EB702          DB      $60,$E8,$8E,$B7,$02,$A5,$54,$85,$60,$A5,$55,$85,$61,$A5,$56,$85
651A  62A9018579          DB      $62,$A9,$01,$85,$79,$85,$7A,$38,$A5,$60,$E5,$5A,$85,$76,$B0,$0D
652A  A9FF8579A5          DB      $A9,$FF,$85,$79,$A5,$76,$49,$FF,$18,$69,$01,$85,$76,$38,$A5,$61
653A  E55B8577A5          DB      $E5,$5B,$85,$77,$A5,$62,$E5,$5C,$85,$78,$B0,$16,$A9,$FF,$85,$7A
654A  A57749FF85          DB      $A5,$77,$49,$FF,$85,$77,$A5,$78,$49,$FF,$85,$78,$E6,$77,$D0,$02
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656A  10F6A577E8          DB      $10,$F6,$A5,$77,$E8,$A8,$A5,$78,$85,$7F,$85,$75,$D0,$0B,$A5,$77
657A  C576B005A5          DB      $C5,$76,$B0,$05,$A5,$76,$A2,$02,$A8,$98,$85,$7E,$85,$74,$48,$A5
658A  754A686A95          DB      $75,$4A,$68,$6A,$95,$70,$A5,$7E,$05,$7F,$D0,$03,$4C,$42,$FE,$18
659A  A570657685          DB      $A5,$70,$65,$76,$85,$70,$90,$02,$E6,$71,$A5,$71,$C5,$75,$90,$14
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65CA  73C5759027          DB      $73,$C5,$75,$90,$27,$D0,$06,$A5,$72,$C5,$74,$90,$1F,$24,$7A,$10
65DA  10C655A555          DB      $10,$C6,$55,$A5,$55,$C9,$FF,$D0,$0E,$A5,$56,$F0,$0A,$C6,$56,$10
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65FA  E0F5ADB702          DB      $E0,$F5,$AD,$B7,$02,$F0,$2F,$20,$9D,$FC,$AD,$FB,$02,$8D,$BC,$02
660A  A5544820DC          DB      $A5,$54,$48,$20,$DC,$F9,$68,$85,$54,$20,$96,$FA,$20,$A2,$F5,$D0
661A  0CADFD028D          DB      $0C,$AD,$FD,$02,$8D,$FB,$02,$20,$E0,$F5,$4C,$0A,$FE,$AD,$BC,$02
662A  8DFB0220A8          DB      $8D,$FB,$02,$20,$A8,$FC,$38,$A5,$7E,$E9,$01,$85,$7E,$A5,$7F,$E9
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665A  6161611313          DB      $61,$61,$61,$13,$13,$09,$13,$27,$27,$4F,$4F,$41,$41,$41,$41,$02
666A  060708090A          DB      $06,$07,$08,$09,$0A,$0B,$0D,$0F,$0F,$0F,$0F,$00,$00,$00,$00,$00
667A  0000010101          DB      $00,$00,$01,$01,$01,$01,$01,$02,$01,$01,$00,$00,$01,$01,$02,$02
668A  0202022814          DB      $02,$02,$02,$28,$14,$14,$28,$50,$50,$50,$A0,$A0,$40,$50,$50,$50,$18
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66AA  0203020301          DB      $02,$03,$02,$03,$01,$01,$01,$00,$FF,$F0,$0F,$C0,$30,$0C,$03,$80
66BA  4020100804          DB      $40,$20,$10,$08,$04,$02,$01,$28,$CA,$94,$46,$00,$1B,$79,$F7,$1C
66CA  7FF71D8CF7          DB      $7F,$F7,$1D,$8C,$F7,$1E,$99,$F7,$1F,$AA,$F7,$7D,$B9,$F7,$7E,$E6
66DA  F77F10F89B          DB      $F7,$7F,$10,$F8,$9B,$30,$FA,$9C,$D4,$F8,$9D,$A4,$F8,$9E,$32,$F8
66EA  9F2DF8FD0A          DB      $9F,$2D,$F8,$FD,$0A,$F9,$FE,$6D,$F8,$FF,$37,$F8,$40,$00,$20,$60
66FA  204000606C          DB      $20,$40,$00,$60,$6C,$6A,$3B,$80,$80,$6B,$2B,$2A,$6F,$80,$70,$75
670A  9B692D3D76          DB      $9B,$69,$2D,$3D,$76,$80,$63,$80,$80,$62,$78,$7A,$34,$80,$33,$36
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672A  7F74777139          DB      $7F,$74,$77,$71,$39,$80,$30,$37,$7E,$38,$3C,$3E,$66,$68,$64,$80
673A  826773614C          DB      $82,$67,$73,$61,$4C,$4A,$3A,$80,$80,$4B,$5C,$5E,$4F,$80,$50,$55
674A  9B495F7C56          DB      $9B,$49,$5F,$7C,$56,$80,$43,$80,$80,$42,$58,$5A,$24,$80,$23,$26
675A  1B2522215B          DB      $1B,$25,$22,$21,$5B,$20,$5D,$4E,$80,$4D,$3F,$81,$52,$80,$45,$59
676A  9F54575128          DB      $9F,$54,$57,$51,$28,$80,$29,$27,$9C,$40,$7D,$9D,$46,$48,$44,$80
677A  834753410C          DB      $83,$47,$53,$41,$0C,$0A,$7B,$80,$80,$0B,$1E,$1F,$0F,$80,$10,$15
678A  9B091C1D16          DB      $9B,$09,$1C,$1D,$16,$80,$03,$80,$80,$02,$18,$1A,$80,$80,$85,$80
679A  1B80FD8000          DB      $1B,$80,$FD,$80,$00,$20,$60,$0E,$80,$0D,$80,$81,$12,$80,$05,$19
67AA  9E14171180          DB      $9E,$14,$17,$11,$80,$80,$80,$80,$FE,$80,$7D,$FF,$06,$08,$04,$80
67BA  84071301AD          DB      $84,$07,$13,$01,$AD,$09,$D2,$CD,$F2,$02,$D0,$05,$AD,$F1,$02,$D0
67CA  20AD09D2C9          DB      $20,$AD,$09,$D2,$C9,$9F,$D0,$0A,$AD,$FF,$02,$49,$FF,$8D,$FF,$02
67DA  B00F8DFC02          DB      $B0,$0F,$8D,$FC,$02,$8D,$F2,$02,$A9,$03,$8D,$F1,$02,$A9,$00,$85
67EA  4DA9308D2B          DB      $4D,$A9,$30,$8D,$2B,$02,$68,$40,$FF,$FF,$FF,$FF,$FF,$FF,$D6,$57
67FA  B4E777E4F3          DB      $B4,$E7,$77,$E4,$F3,$E6
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6800              RAMEND
6800                      END     RAMLOAD


no ERRORs,  177 Labels, $8189 free.



    ?Q0003 3D6C
    ?Q0004 3D95
    ?Q0005 3DBE
    ?Q0006 3DE7
    ?Q0007 3E10
    ?Q0008 3E39
    ?Q0009 CF38
    ?X000A CF7B
    ?X000B CF98
    ?X000C CFB9
    ?Y000A CF88
    ?Y000B CFA5
    ?Y000C CFC6
    ?Z0003 3D59
    ?Z0004 3D82
    ?Z0005 3DAB
    ?Z0006 3DD4
    ?Z0007 3DFD
    ?Z0008 3E26
    ?Z0009 CF25
    ABORT  0749      3#53    4/11
    ACTDEV CE41     43/38   44#10
    ALIGN  mac       2#52   20/15   41/19   46/11
    ALTSCR 0803      4/30    4/32    6# 7
    BOOTSO 3B70      3/15   39#12
  s CARTCK 03EB     42/32   44/55
    CARTIN 3B52     38#52   38/54   41/29
  s CHACT  02F3     40/37   40/45
  s CIOV   E456      3/43    5/13
    COLDIN CF6E     43/12   45#34
  s COLDSV E477      5/27   42/61
    COLOR  1002      7#17   39/28
  s COLOR2 02C6      3/22   39/30
  s COLOR4 02C8      3/23   39/29
  s CONSOL D01F     41/37   41/38
  s COUNT  0084     42/ 9   42/ 9   42/10   42/10   42/11   42/11   42/12   42/12   42/13   42/13   42/14
42/14   44/52
                  44/52
   n CPYRT  CFD1     45#57
  s CRITIC 0042     43/30   43/58
    CRTLEN 0012     38#54   41/27
  s DAUX1  030A      4/31    4/41    5/43   39/53
  s DAUX2  030B      4/21    5/45
  s DBUF   0304      4/23    4/25    4/37    4/39    5/37    5/39    5/40    5/42   39/49   39/51
  s DCOMND 0302      5/30
  s DEST   0080     42/ 9   42/ 9   42/ 9   42/ 9   42/10   42/10   42/10   42/10   42/11   42/11   42/11
42/11   42/12
                  42/12   42/12   42/12   42/13   42/13   42/13   42/13   42/14   42/14   42/14   42/14
44/52   44/52
                  44/52   44/52
    DLI    3C1A     39/23   39/25   40#53
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     DLINK1 1065      7/16    7#33
     DLINK2 1045     20/20   20#31
     DLIOUT 3C24     40/55   40#58
  s  DLJ    0086     40/20   40/23   41/20   41/22
     DLJMP  1000      7#16   41/19   41/21
     DLST1  0807      3/24    3/26    6#10    6/14
     DLST2  1003      7#19   28/27   38/13   39/18   39/20
   n DLST3  1003     20#23
  s  DMACTL D400     39/13   41/44
  s  DOSINI 000C     45/34   45/34   45/34   45/34   45/38   45/38   45/38   45/38   45/43   45/43   45/43
45/43
     DOSIO  CE27     43/35   43/39   43#53
     DSCAN1 CF8B     43/ 8   45#38
     DSCAN2 CFAC     43/ 9   45#43
  s  DSKINV E453      5/33
  s  DSTATS 0303     43/59   43/60
  s  DUNIT  0301      5/32   43/31   43/56
     ERR1   081C      3/50    3/52    6#17
     ERR2   087A      4/ 8    4/10    6#22
     ESCR1  1DFF      6/ 7   19#49
     ESCR2  2617      6/ 8   27#39
     ESCR3  3C26      4/42   40#60
     GETBAD 07D3      5#27    5/34
     GETNXT 07FE      5/44    5#47
     GETSEC 07D6      4/34    4/44    5#29    5/48   39/56
  s  GINTLK 03FA     42/30   44/53
  s  GPRIOR 026F     39/33
     HUNG   074F      3#56    3/56
  s  ICBA   0344      3/51    3/53    4/ 9    4/15    4/17    5/15    5/17    5/18    5/20
  s  ICBL   0348      3/38    3/39    5/ 9    5/12    5/16
  s  ICCMD  0342      3/41    5/ 7
     IFDEV  CE39     44# 7   44/11
  s  IRQEN  D20E     41/46
     LINER  07AA      3/55    4/18    5# 6
     LINER1 07B4      5#11    5/22
  s  LMARGN 0052      3/30   45/13
  s  LNBRAM CD00     42/53   42/55
  s  MLCNT  0088      3/46    4/33    4/43    5/21    5/47   39/55
  s  MOVLIN FB4E     42/54   42/56
  s  NMIEN  D40E     39/15   39/41   41/45
     NOCART 3D15     41#29   41/31
     NXTIO1 CE0F     43#38   43/45
  s  OFFTIM FFEB     40/38
     OKMSG  08DC      4/14    4/16    6#27
  s  ONTIME FF9B     40/46
     ONWARD 0762      4/ 7    4#14
  s  OS800  00A2      3/48
     OSOBJ  4000     42/ 9   42/ 9   48# 5
  s  OSTYPE FCD8      3/47
     PATCH  mac       2#24   42/ 9   42/10   42/11   42/12   42/13   42/14   44/52
   n PATCLD 3E78     43#12
   n PATDIN 3E7E     43#14
   n PATIRQ 3E6C     43# 8
   n PATNMI 3E6F     43# 9
     PATPIO 3E7B     42/12   42/12   43#13
     PATROJ 3E72     42/13   42/13   43#10
     PATSIZ 3E75     42/14   42/14   43#11
     PBILOD CF51     45# 7   45/10
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     PBISAV 3E56     42#45   42/48
     PC0COD 3EE0     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 3E81     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 6800     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  RAMPIO 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  3E4B     42#36   42/39
     RESET  0000      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
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
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   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
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