

```

0000 ;
0000 ;
0000 ; This file is generated by The Interactive Disassembler (IDA)
0000 ; Licensed to: Unknown User ;-
0000 ; Copyright (c) 1999 by DataRescue sa/nv, <ida@datarescue.com>
0000 ;
0000 ;
0000 ; File Name : D:\markm\pace\pacedev.net\sw\dev\platform\galaga\xevious\sub.bin
0000 ; Format : Binary File
0000 ; Base Address: 0000h Range: 0000h - 2000h Loaded length: 2000h
0000 ;
0000 ; Processor: z80
0000 ; Target assembler: Table Driven Assembler (TASM) by Speech Technology Inc.
0000 ;
0000 ;
0000 ; Segment type: Pure code
0000 ; segment 'seg000'
0000 ;
0000 ; SUBROUTINE
0000 ;
0000 RESET:
0000 C3 65 01 jp START
0000 ; End of function RESET
0000 ;
0003 12 ld (de), a
0004 42 ld b, d
0005 ;
0005 ; SUBROUTINE
0005 ;
0005 HL_equals_2xA: ; CODE XREF: HL_equals_2xA+1C|p
0005 21 00 00 ; HL_equals_2xA+24|p
0005 ld hl, 0
0008 HL_plus_equals_2xA: ; CODE XREF: 0000:02BB|p
0008 87 ; sub_0_2D4+7|p ...
0008 add a, a
0009 D2 58 00 jp nc, loc_0_58
000C 25 dec h
000D C3 58 00 jp loc_0_58
0010 ;
0010 HL_plus_equals_A: ; CODE XREF: 0000:0287|p
0010 A7 ; 0000:0290|p ...
0010 and a
0011 F2 58 00 jp p, loc_0_58
0014 25 dec h
0015 C3 58 00 jp loc_0_58
0018 ;
0018 A7 and a
0019 F0 ret p
001A ED 44 neg ret
001C C9 ;
001D 33 .db 33h ; 3
001E 33 .db 33h ; 3
001F ;
001F C9 ret
0020 ;
0020 EB ex de, hl
0021 CD 05 00 call HL_equals_2xA
0024 29 add hl, hl
0025 19 add hl, de
0026 C9 ret
0026 ;
0027 FF .db 0FFh ;
0028 ;
0028 loc_0_28: ; CODE XREF: 0000:0614|p
0028 EB ex de, hl
0029 CD 05 00 call HL_equals_2xA
002C 29 add hl, hl ; HL = 4A
002D 29 add hl, hl ; HL = 8A
002E 19 add hl, de ; HL = DE + 8A
002F C9 ret
0030 ;
0030 loc_0_30: ; CODE XREF: 0000:078B|p
0030 E1 ; 0000:0792|p
0030 pop hl
0031 DD 75 00 ld (ix+0), l
0034 DD 74 01 ld (ix+1), h
0037 C9 ret
0038 ;
0038 loc_0_38: ; CODE XREF: sub_0_2D4+34|p
0038 3A 03 80 ld a, (8003h)
003B A7 and a
003C 3E 03 ld a, 3
003E 28 04 jr z, loc_0_44
0040 25 dec h
0041 25 dec h
0042 3E 19 ld a, 19h
0044 ;
0044 loc_0_44: ; CODE XREF: HL_equals_2xA+39|j
0044 85 add a, l
0045 E6 3F and 3Fh, '?'
0047 6F ld l, a
0048 3E 03 ld a, 3
004A 84 add a, h
004B 0F rrca
004C 0F rrca
004D 67 ld h, a
004E E6 C0 and 0C0h, 'L'
0050 B5 or l
0051 6F ld l, a
0052 7C ld a, h
0053 E6 07 and 7, a
0055 81 add a, c
0056 67 ld h, a
0057 C9 ret

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0058      ; -----
0058
0058      loc_0_58:                                ; CODE XREF: HL_equals_2xA+4[j]
0058 85      ; HL_equals_2xA+8[j] ...
0058      add     a, 1
0059 6F      ld     1, a
005A D0      ret     nc
005B 24      inc     h
005C C9      ret
005C      ; End of function HL_equals_2xA
005C
005C      ; -----
005D 0E      .db     0Eh ;
005E 12      .db     12h ;
005F 1B      .db     1Bh ;
0060 1B      .db     1Bh ;
0061 22      .db     22h ; "
0062 24      .db     24h ; $
0063 16      .db     16h ;
0064 18      .db     18h ;
0065 1E      .db     1Eh ;
0066 ED      .db     0EDh ; Ý
0067 45      .db     45h ; E
0068 11      .db     11h ;
0069 17      .db     17h ;
006A 93      .db     93h ; ò
006B 21      .db     21h ; !
006C 16      .db     16h ;
006D 93      .db     93h ; ò
006E 01      .db     1 ;
006F 13      .db     13h ;
0070 00      .db     0 ;
0071 ED      .db     0EDh ; Ý
0072 B8      .db     0B8h ; ©
0073 DD      .db     0DDh ; ¡
0074 21      .db     21h ; !
0075 60      .db     60h ; `
0076 01      .db     1 ;
0077 1E      .db     1Eh ;
0078 00      .db     0 ;
0079 01      .db     1 ;
007A 04      .db     4 ;
007B 05      .db     5 ;
007C DD      .db     0DDh ; ¡
007D 7E      .db     7Eh ; ~
007E 00      .db     0 ;
007F DD      .db     0DDh ; ¡
0080 23      .db     23h ; #
0081 6F      .db     6Fh ; o
0082 26      .db     26h ; &
0083 20      .db     20h ;
0084 7E      .db     7Eh ; ~
0085 7B      .db     7Bh ; {
0086 81      .db     81h ; ù
0087 5F      .db     5Fh ;
0088 7E      .db     7Eh ; ~
0089 12      .db     12h ;
008A 10      .db     10h ;
008B F0      .db     0F0h ; -
008C 06      .db     6 ;
008D 05      .db     5 ;
008E 21      .db     21h ; !
008F 04      .db     4 ;
0090 93      .db     93h ; ò
0091 7E      .db     7Eh ; ~
0092 2C      .db     2Ch ; ,
0093 B6      .db     0B6h ; Å
0094 2C      .db     2Ch ; ,
0095 2F      .db     2Fh ; /
0096 A6      .db     0A6h ; ¢
0097 2C      .db     2Ch ; ,
0098 A6      .db     0A6h ; ¢
0099 2C      .db     2Ch ; ,
009A E6      .db     0E6h ; µ
009B 0F      .db     0Fh ;
009C 20      .db     20h ;
009D 04      .db     4 ;
009E 10      .db     10h ;
009F F1      .db     0F1h ; ±
00A0 18      .db     18h ;
00A1 40      .db     40h ; @
00A2 05      .db     5 ;
00A3 28      .db     28h ; (
00A4 4F      .db     4Fh ; O
00A5 05      .db     5 ;
00A6 CB      .db     0CBh ; ¯
00A7 20      .db     20h ;
00A8 CB      .db     0CBh ; ¯
00A9 20      .db     20h ;
00AA 0F      .db     0Fh ;
00AB 38      .db     38h ; 8
00AC 03      .db     3 ;
00AD 04      .db     4 ;
00AE 18      .db     18h ;
00AF FA      .db     0FAh ; ·
00B0 3A      .db     3Ah ; :
00B1 00      .db     0 ;
00B2 93      .db     93h ; ò
00B3 CB      .db     0CBh ; ¯
00B4 3F      .db     3Fh ; ?
00B5 5F      .db     5Fh ; ¯
00B6 CB      .db     0CBh ; ¯
00B7 11      .db     11h ;
00B8 C6      .db     0C6h ; ä
00B9 01      .db     1 ;
00BA 6F      .db     6Fh ; o
00BB 26      .db     26h ; &
00BC 93      .db     93h ; ò
00BD 7E      .db     7Eh ; ~
00BE CB      .db     0CBh ; ¯
00BF 41      .db     41h ; Å
00C0 28      .db     28h ; (
00C1 04      .db     4 ;
00C2 07      .db     7 ;
00C3 07      .db     7 ;
00C4 07      .db     7 ;

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```
00C5 07      .db      7 ;
00C6 E6      .db 0E6h ; μ
00C7 F0      .db 0F0h ; -
00C8 B0      .db 0B0h ; ⁂
00C9 CB      .db 0CBh ; Ƨ
00CA 41      .db 41h ; Å
00CB 28      .db 28h ; (
00CC 04      .db      4 ;
00CD 07      .db      7 ;
00CE 07      .db      7 ;
00CF 07      .db      7 ;
00D0 07      .db      7 ;
00D1 77      .db 77h ; w
00D2 3A      .db 3Ah ; :
00D3 00      .db      0 ;
00D4 93      .db 93h ; ð
00D5 A7      .db 0A7h ; °
00D6 20      .db 20h ;
00D7 02      .db      2 ;
00D8 3E      .db 3Eh ; >
00D9 02      .db      2 ;
00DA 3D      .db 3Dh ; =
00DB 32      .db 32h ; 2
00DC 00      .db      0 ;
00DD 93      .db 93h ; ð
00DE 7B      .db 7Bh ; {
00DF A7      .db 0A7h ; °
00E0 28      .db 28h ; (
00E1 09      .db      9 ;
00E2 2A      .db 2Ah ; *
00E3 02      .db      2 ;
00E4 93      .db 93h ; ð
00E5 7E      .db 7Eh ; ~
00E6 32      .db 32h ; 2
00E7 01      .db      1 ;
00E8 93      .db 93h ; ð
00E9 18      .db 18h ;
00EA 42      .db 42h ; B
00EB 2A      .db 2Ah ; *
00EC 02      .db      2 ;
00ED 93      .db 93h ; ð
00EE 3A      .db 3Ah ; :
00EF 01      .db      1 ;
00F0 93      .db 93h ; ð
00F1 77      .db 77h ; w
00F2 18      .db 18h ;
00F3 39      .db 39h ; 9
00F4 4F      .db 4Fh ; O
00F5 21      .db 21h ; !
00F6 00      .db      0 ;
00F7 93      .db 93h ; ð
00F8 CB      .db 0CBh ; Ƨ
00F9 41      .db 41h ; Å
00FA 20      .db 20h ;
00FB 2D      .db 2Dh ; -
00FC 7E      .db 7Eh ; ~
00FD CB      .db 0CBh ; Ƨ
00FE 3F      .db 3Fh ; ?
00FF 28      .db 28h ; (
0100 13      .db 13h ;
0101 CB      .db 0CBh ; Ƨ
0102 59      .db 59h ; Y
0103 20      .db 20h ;
0104 0C      .db 0Ch ;
0105 7E      .db 7Eh ; ~
0106 FE      .db 0FEh ; ■
0107 05      .db      5 ;
0108 30      .db 30h ; 0
0109 03      .db      3 ;
010A 34      .db 34h ; 4
010B 18      .db 18h ;
010C D5      .db 0D5h ; 5
010D 36      .db 36h ; 6
010E 05      .db      5 ;
010F 18      .db 18h ;
0110 D1      .db 0D1h ; Ð
0111 35      .db 35h ; 5
0112 18      .db 18h ;
0113 CE      .db 0CEh ; Ǝ
0114 2A      .db 2Ah ; *
0115 02      .db      2 ;
0116 93      .db 93h ; ð
0117 CB      .db 0CBh ; Ƨ
0118 59      .db 59h ; Y
0119 20      .db 20h ;
011A 03      .db      3 ;
011B 2B      .db 2Bh ; +
011C 18      .db 18h ;
011D 01      .db      1 ;
011E 23      .db 23h ; #
011F 22      .db 22h ; "
0120 02      .db      2 ;
0121 93      .db 93h ; ð
0122 3E      .db 3Eh ; >
0123 01      .db      1 ;
0124 32      .db 32h ; 2
0125 00      .db      0 ;
0126 93      .db 93h ; ð
0127 18      .db 18h ;
0128 B9      .db 0B9h ; Ƨ
0129 36      .db 36h ; 6
012A 05      .db      5 ;
012B 18      .db 18h ;
012C B5      .db 0B5h ; Å
012D 21      .db 21h ; !
012E E2      .db 0E2h ; Ò
012F C0      .db 0C0h ; ¸
0130 11      .db 11h ;
0131 01      .db      1 ;
0132 93      .db 93h ; ð
0133 06      .db      6 ;
0134 03      .db      3 ;
0135 1A      .db 1Ah ;
0136 1C      .db 1Ch ;
0137 CD      .db 0CDh ; =
0138 51      .db 51h ; Q
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```

01DE 1F 00          .dw 1Fh
01E0 1F 00          .dw 1Fh
01E2 1F 00          .dw 1Fh
01E4 1F 00          .dw 1Fh
01E6 1F 00          .dw 1Fh
01E8 1F 00          .dw 1Fh
01EA 1F 00          .dw 1Fh
01EC 1F 00          .dw 1Fh
01EE 1F 00          .dw 1Fh
01F0 1F 00          .dw 1Fh
01F2 A6 02          .dw 2A6h
01F4 1E 03          .dw 31Eh
01F6                ;
01F6 21 40 82        ld    hl, 8240h
01F9 11 C0 87        ld    de, 87C0h
01FC 01 40 00        ld    bc, 40h ; '@'
01FF ED B0          ldir
0201 21 40 83        ld    hl, 8340h
0204 11 C0 97        ld    de, 97C0h
0207 01 40 00        ld    bc, 40h ; '@'
020A ED B0          ldir
020C 21 40 81        ld    hl, 8140h
020F 11 C0 A7        ld    de, 0A7C0h
0212 01 40 00        ld    bc, 40h ; '@'
0215 ED B0          ldir
0217 C9             ret
0218                ;
0218 2A 0C 80        ld    hl, (800Ch)
021B 7D             ld    a, l
021C 6C             ld    l, h
021D 26 D0          ld    h, 0D0h ; 'ð'
021F 77             ld    (hl), a
0220
0220                loc_0_220:
0220 3A 0E 80        ld    a, (800Eh)
0223 32 20 D0        ld    (0D020h), a ; bg scroll Y
0226 C9             ret
0227                ;
0227 3A 18 80        ld    a, (8018h)
022A 4F             ld    c, a
022B 3A 29 80        ld    a, (8029h)
022E 47             ld    b, a
022F 91             sub    c
0230 C8             ret    z
0231 30 1B          jr     nc, loc_0_24E
0233 79             ld    a, c
0234 32 29 80        ld    (8029h), a
0237 FE A0          cp     0A0h ; 'à'
0239 C8             ret    z
023A 90             sub    b
023B 27             daa
023C 21 00 A0        ld    hl, 0A000h
023F 86             add    a, (hl)
0240 27             daa
0241 77             ld    (hl), a
0242 21 5D 02        ld    hl, 25Dh
0245 11 80 80        ld    de, 8080h
0248 01 07 00        ld    bc, 7
024B ED B0          ldir
024D C9             ret
024E                ;
024E                loc_0_24E: ; CODE XREF: 0000:0231↑j
024E 27             daa
024F 3D             dec    a
0250 32 22 80        ld    (8022h), a
0253 79             ld    a, c
0254 32 29 80        ld    (8029h), a
0257 3E 01           ld    a, 1
0259 32 1B 80        ld    (801Bh), a
025C C9             ret
025D                ;
025D 30             .db    30h ; 0
025E 10             .db    10h ;
025F 00             .db    0 ;
0260 80             .db    80h ; Ç
0261 FF             .db    0FFh ;
0262 10             .db    10h ;
0263 10             .db    10h ;
0264                ;
0264 3A 2A 80        ld    a, (802Ah)
0267 A7             and    a
0268 C0             ret    nz
0269 3A 01 80        ld    a, (8001h)
026C 1F             rra
026D E6 03          and    3
026F C6 25          add    a, 25h ; '%'
0271 21 4F 7C        ld    hl, 7C4Fh
0274 06 13          ld    b, 13h
0276                loc_0_276: ; CODE XREF: 0000:0279↑j
0276 77             ld    (hl), a
0277 2C             inc    l
0278 2C             inc    l
0279 10 FB          djnz   loc_0_276
027B 3A 01 80        ld    a, (8001h)
027E 0F             rrca
027F 0F             rrca
0280 0F             rrca
0281 E6 07          and    7
0283 4F             ld    c, a
0284 21 96 02        ld    hl, 296h
0287 D7             rst    10h
0288 7E             ld    a, (hl)
0289 32 1C 80        ld    (801Ch), a
028C 79             ld    a, c
028D 21 9E 02        ld    hl, 29Eh
0290 D7             rst    10h
0291 7E             ld    a, (hl)
0292 32 43 80        ld    (8043h), a
0295 C9             ret
0296                ;
0296 07             .db    7 ;
0297 08             .db    8 ;
0298 09             .db    9 ;
0299 0A             .db    0Ah ;

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029A 0B      .db 0Bh ;
029B 0A      .db 0Ah ;
029C 09      .db 9 ;
029D 08      .db 8 ;
029E 10      .db 10h ;
029F 11      .db 11h ;
02A0 12      .db 12h ;
02A1 13      .db 13h ;
02A2 14      .db 14h ;
02A3 13      .db 13h ;
02A4 12      .db 12h ;
02A5 11      .db 11h ;
02A6         ; -----
02A6 3A 2A 80      ld      a, (802Ah)
02A9 A7           and      a
02AA C0           ret      nz
02AB CD D4 02      call    sub_0_2D4
02AE 3A 03 80      ld      a, (8003h)
02B1 A7           and      a
02B2 3E 40      ld      a, 40h ; '@'
02B4 28 02      jr      z, loc_0_2B8
02B6 3E 30      ld      a, 30h ; '0'
02B8
02B8         loc_0_2B8: ; CODE XREF: 0000:02B4|j
02B8 2A 10 80      ld      hl, (8010h)
02BB CF          rst      8
02BC 29          add      hl, hl
02BD 29          add      hl, hl
02BE AF          xor      a
02BF 29          add      hl, hl
02C0 17          rla
02C1 6C          ld      l, h
02C2 67          ld      h, a
02C3 22 0C 80      ld      (800Ch), hl
02C6 3A 03 80      ld      a, (8003h)
02C9 A7          and      a
02CA 3E 00      ld      a, 0
02CC 28 02      jr      z, loc_0_2D0
02CE 3E 00      ld      a, 0
02D0
02D0         loc_0_2D0: ; CODE XREF: 0000:02CC|j
02D0 32 0E 80      ld      (800Eh), a
02D3 C9          ret
02D4
02D4         ; [REDACTED] S U B R O U T I N E [REDACTED]
02D4
02D4         sub_0_2D4: ; CODE XREF: 0000:02AB|p
02D4 2A 10 80      ld      hl, (8010h)
02D7 4C          ld      c, h
02D8 3A 14 80      ld      a, (8014h)
02DB CF          rst      8
02DC 22 10 80      ld      (8010h), hl
02DF 3A 0F 80      ld      a, (800Fh)
02E2 A7          and      a
02E3 C0          ret      nz
02E4 7C          ld      a, h
02E5 B9          cp      c
02E6 C8          ret      z
02E7 FA EC 02      jp      m, loc_0_2EC
02EA C6 40      add      a, 40h ; '@'
02EC
02EC         loc_0_2EC: ; CODE XREF: sub_0_2D4+13|j
02EC C6 F2      add      a, 0F2h ; '='
02EE 6F          ld      l, a
02EF 3A 03 80      ld      a, (8003h)
02F2 A7          and      a
02F3 3A 13 80      ld      a, (8013h)
02F6 28 02      jr      z, loc_0_2FA
02F8 C6 FE      add      a, 0FEh ; '■'
02FA
02FA         loc_0_2FA: ; CODE XREF: sub_0_2D4+22|j
02FA C6 FF      add      a, 0FFh
02FC 67          ld      h, a
02FD 01 B8 20      ld      bc, 20B8h
0300 16 FE      ld      d, 0FEh ; '■'
0302
0302         loc_0_302: ; CODE XREF: sub_0_2D4+47|j
0302 5D          ld      e, l
0303 22 00 F0      ld      (0F000h), hl
0306 EB          ex      de, hl
0307 E5          push    hl
0308 CD 38 00      call    loc_0_38
030B 3A 00 F0      ld      a, (0F000h)
030E 77          ld      (hl), a
030F 3E 10      ld      a, 10h
0311 84          add      a, h
0312 67          ld      h, a
0313 3A 01 F0      ld      a, (0F001h)
0316 77          ld      (hl), a
0317 E1          pop     hl
0318 EB          ex      de, hl
0319 14          inc     d
031A 24          inc     h
031B 10 E5      djnz    loc_0_302
031D C9          ret
031D         ; End of function sub_0_2D4
031D
031E         ; -----
031E 21 00 79      ld      hl, 7900h
0321 11 00 83      ld      de, 8300h
0324 06 40      ld      b, 40h ; '@'
0326
0326         loc_0_326: ; CODE XREF: 0000:032F|j
0326 E5          push    hl
0327 CD 32 03      call    sub_0_332
032A E1          pop     hl
032B 2C          inc     l
032C 2C          inc     l
032D 1C          inc     e
032E 1C          inc     e
032F 10 F5      djnz    loc_0_326
0331 C9          ret
0332
0332         ; [REDACTED] S U B R O U T I N E [REDACTED]
0332

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0332
0332      sub_0_332:                                ; CODE XREF: 0000:0327↑p
0332 7E      ld      a, (hl)
0333 3D      dec     a
0334 C8      ret     z
0335 E5      push    hl
0336 3C      inc     a
0337 20 0C   jr      nz, loc_0_345
0339 4C      ld      c, h
033A 24      inc     h
033B 77      ld      (hl), a
033C 2C      inc     l
033D 77      ld      (hl), a
033E 24      inc     h
033F 77      ld      (hl), a
0340 2D      dec     l
0341 77      ld      (hl), a
0342 3C      inc     a
0343 61      ld      h, c
0344 77      ld      (hl), a
0345
0345      loc_0_345:                                ; CODE XREF: sub_0_332+5↑j
0345 2C      inc     l
0346 4E      ld      c, (hl)
0347 79      ld      a, c
0348 12      ld      (de), a
0349 D5      push    de
034A 24      inc     h
034B 56      ld      d, (hl)
034C 2D      dec     l
034D 5E      ld      e, (hl)
034E EB      ex      de, hl
034F CD B3 03 call    sub_0_3B3
0352 FE 02   cp      2
0354 38 03   jr      c, loc_0_359
0356 21 00 00 ld      hl, 0
0359
0359      loc_0_359:                                ; CODE XREF: sub_0_332+22↑j
0359 CD 89 03 call    sub_0_389
035C E5      push    hl
035D EB      ex      de, hl
035E 24      inc     h
035F 5E      ld      e, (hl)
0360 2C      inc     l
0361 56      ld      d, (hl)
0362 EB      ex      de, hl
0363 CD B3 03 call    sub_0_3B3
0366 A7      and     a
0367 28 02   jr      z, loc_0_36B
0369 2E 00   ld      l, 0
036B
036B      loc_0_36B:                                ; CODE XREF: sub_0_332+35↑j
036B CD A2 03 call    sub_0_3A2
036E D1      pop     de
036F E1      pop     hl
0370 2C      inc     l
0371 72      ld      (hl), d
0372 25      dec     h
0373 73      ld      (hl), e
0374 2D      dec     l
0375 77      ld      (hl), a
0376 25      dec     h
0377 EB      ex      de, hl
0378 E1      pop     hl
0379 4C      ld      c, h
037A 24      inc     h
037B 24      inc     h
037C 24      inc     h
037D 7E      ld      a, (hl)
037E 12      ld      (de), a
037F 2C      inc     l
0380 1C      inc     e
0381 7E      ld      a, (hl)
0382 12      ld      (de), a
0383 61      ld      h, c
0384 2D      dec     l
0385 14      inc     d
0386 14      inc     d
0387 1D      dec     e
0388 C9      ret
0388      ; End of function sub_0_332
0389
0389      ; ██████████ S U B R O U T I N E ██████████
0389
0389      sub_0_389:                                ; CODE XREF: sub_0_332+27↑p
0389 3A 03 80 ld      a, (8003h)
038C A7      and     a
038D 28 0F   jr      z, loc_0_39E
038F 3E 48   ld      a, 48h ; 'H'
0391 CB 41   bit     0, c
0393 20 02   jr      nz, loc_0_397
0395 3E 58   ld      a, 58h ; 'X'
0397
0397      loc_0_397:                                ; CODE XREF: sub_0_389+A↑j
0397 95      sub     l
0398 6F      ld      l, a
0399 3E 01   ld      a, l
039B 9C      sbc     a, h
039C 67      ld      h, a
039D C9      ret
039E
039E      ;
039E
039E      loc_0_39E:                                ; CODE XREF: sub_0_389+4↑j
039E 3E 08   ld      a, 8
03A0 D7      rst     10h      ; HL += A
03A1 C9      ret
03A1
03A1      ; End of function sub_0_389
03A2
03A2      ; ██████████ S U B R O U T I N E ██████████
03A2
03A2
03A2      sub_0_3A2:                                ; CODE XREF: sub_0_332+39↑p
03A2 3A 03 80 ld      a, (8003h)

```

```

03A5 A7          and      a
03A6 3E EF      ld      a, 0EFh ; ''
03A8 28 07      jr      z, loc_0_3B1
03AA 85          add      a, 1
03AB CB 49      bit      1, c
03AD C0          ret      nz
03AE C6 10      add      a, 10h
03B0 C9          ret
03B1
03B1
03B1          loc_0_3B1:          ; CODE XREF: sub_0_3A2+61j
03B1 95          sub      1
03B2 C9          ret
03B2          ; End of function sub_0_3A2
03B2
03B3
03B3          ; ██████████ S U B R O U T I N E ██████████
03B3
03B3          sub_0_3B3:          ; CODE XREF: sub_0_332+1D1p
03B3 AF          ; sub_0_332+311p
03B3          xor      a
03B4 29          add      hl, hl
03B5 17          rla
03B6 29          add      hl, hl
03B7 17          rla
03B8 29          add      hl, hl
03B9 17          rla
03BA 6C          ld      1, h
03BB 67          ld      h, a
03BC C9          ret
03BC          ; End of function sub_0_3B3
03BC
03BD
03BD          ;
03BD 0A          ld      a, (bc)
03BE 03          inc      bc
03BF
03BF          loc_0_3BF:          ; CODE XREF: 0000:03ED1j
03BF 21 D8 04      ; 0000:03FB1j
03BF          ld      hl, 4D8h
03C2 CF          rst      8          ; HL += 2A
03C3 7E          ld      a, (hl)
03C4 32 2B 80      ld      (802Bh), a
03C7 23          inc      hl
03C8 7E          ld      a, (hl)
03C9 32 2C 80      ld      (802Ch), a
03CC ED 43 85 81  ld      (8185h), bc
03D0 C9          ret
03D1
03D1          ;
03D1 3A 16 80      ld      a, (8016h)
03D4 2F          cpl
03D5 07          rlca
03D6 07          rlca
03D7 07          rlca
03D8 E6 03          and      3
03DA 21 08 04      ld      hl, 408h
03DD D7          rst      10h          ; HL += A
03DE 7E          ld      a, (hl)
03DF 6F          ld      1, a
03E0 3A 88 81      ld      a, (8188h)
03E3 85          add      a, 1
03E4 FE 80          cp      80h ; 'C'
03E6 38 02          jr      c, loc_0_3EA
03E8 D6 40          sub      40h ; '@'
03EA
03EA          loc_0_3EA:          ; CODE XREF: 0000:03E61j
03EA 32 88 81      ld      (8188h), a
03ED 18 D0          jr      loc_0_3BF
03EF
03EF          ;
03EF 21 88 81      ld      hl, 8188h
03F2 0A          ld      a, (bc)
03F3 86          add      a, (hl)
03F4 03          inc      bc
03F5 FE 80          cp      80h ; 'C'
03F7 38 02          jr      c, loc_0_3FB
03F9 D6 40          sub      40h ; '@'
03FB
03FB          loc_0_3FB:          ; CODE XREF: 0000:03F71j
03FB 18 C2          jr      loc_0_3BF
03FD
03FD          ;
03FD 21 00 00      ld      hl, 0
0400 22 2B 80      ld      (802Bh), hl
0403 ED 43 85 81  ld      (8185h), bc
0407 C9          ret
0407
0408 02          byte_0_409: .db      2 ;
0409 00          .db      0          ; DATA XREF: 0000:01651r
040A 06          .db      6 ;
040B 10          .db      10h ;
040C
040C          ;
040C ED 43 85 81  ld      (8185h), bc
0410 2A 81 81      ld      hl, (8181h)
0413 3A 8B 81      ld      a, (818Bh)
0416 CD 2C 04      call     sub_0_42C
0419 11 10 00      ld      de, 10h
041C A7          and      a
041D ED 52          sbc      hl, de
041F 19          add      hl, de
0420 38 02          jr      c, loc_0_424
0422 2E 10          ld      1, 10h
0424
0424          loc_0_424:          ; CODE XREF: 0000:04201j
0424 3A 88 81      ld      a, (8188h)
0427 85          add      a, 1
0428 32 88 81      ld      (8188h), a
042B C9          ret
042C
042C          ; ██████████ S U B R O U T I N E ██████████
042C
042C          sub_0_42C:          ; CODE XREF: 0000:04161p
042C          push     bc
042D 4F          ld      c, a
042E AF          xor      a
042F 06 10          ld      b, 10h
0431

```



```

0431          loc_0_431:          ; CODE XREF: sub_0_42C+E|j
0431 29          add             hl, hl
0432 17          rla
0433 38 03       jr             c, loc_0_438
0435 B9          cp             c
0436 38 02       jr             c, loc_0_43A
0438
0438          loc_0_438:          ; CODE XREF: sub_0_42C+7|j
0438 91          sub             c
0439 23          inc             hl
043A
043A          loc_0_43A:          ; CODE XREF: sub_0_42C+A|j
043A 10 F5       djnz            loc_0_431
043C C1          pop             bc
043D C9          ret
043D          ; End of function sub_0_42C
043D
043E          ;
043E 0A          ld             a, (bc)
043F 32 A0 81   ld             (81A0h), a
0442 03          inc             bc
0443 ED 43 85 81 ld             (8185h), bc
0447 C9          ret
0448
0448          ;
0448 0A          ld             a, (bc)
0449 32 A3 81   ld             (81A3h), a
044C 03          inc             bc
044D ED 43 85 81 ld             (8185h), bc
0451 C9          ret
0452
0452          ;
0452 0A          ld             a, (bc)
0453 32 A4 81   ld             (81A4h), a
0456 03          inc             bc
0457 ED 43 85 81 ld             (8185h), bc
045B C9          ret
045C
045C          ;
045C 0A          ld             a, (bc)
045D 32 A2 81   ld             (81A2h), a
0460 03          inc             bc
0461 ED 43 85 81 ld             (8185h), bc
0465 C9          ret
0466
0466          ;
0466 0A          ld             a, (bc)
0467 32 A1 81   ld             (81A1h), a
046A 03          inc             bc
046B ED 43 85 81 ld             (8185h), bc
046F C9          ret
0470
0470          ;
0470 0A          ld             a, (bc)
0471 32 A5 81   ld             (81A5h), a
0474 03          inc             bc
0475 ED 43 85 81 ld             (8185h), bc
0479 C9          ret
047A
047A          ;
047A 0A          ld             a, (bc)
047B 32 A6 81   ld             (81A6h), a
047E 03          inc             bc
047F ED 43 85 81 ld             (8185h), bc
0483 C9          ret
0484
0484          ;
0484 0A          ld             a, (bc)
0485 32 A7 81   ld             (81A7h), a
0488 03          inc             bc
0489 ED 43 85 81 ld             (8185h), bc
048D C9          ret
048E
048E          ;
048E 0A          ld             a, (bc)
048F 32 B1 81   ld             (81B1h), a
0492 03          inc             bc
0493 ED 43 85 81 ld             (8185h), bc
0497 C9          ret
0497
0497          ;
0498 04          .db             4 ;
0499 0B          .db             0Bh ;
049A 05          .db             5 ;
049B 0A          .db             0Ah ;
049C 06          .db             6 ;
049D 09          .db             9 ;
049E 06          .db             6 ;
049F 25          .db             25h ; %
04A0 06          .db             6 ;
04A1 5C          .db             5Ch ; \
04A2 06          .db             6 ;
04A3 29          .db             29h ; )
04A4 06          .db             6 ;
04A5 5E          .db             5Eh ; ^
04A6 06          .db             6 ;
04A7 64          .db             64h ; d
04A8 06          .db             6 ;
04A9 66          .db             66h ; f
04AA 06          .db             6 ;
04AB 72          .db             72h ; r
04AC 04          .db             4 ;
04AD 30          .db             30h ; 0
04AE 04          .db             4 ;
04AF 31          .db             31h ; 1
04B0 05          .db             5 ;
04B1 30          .db             30h ; 0
04B2 06          .db             6 ;
04B3 30          .db             30h ; 0
04B4 06          .db             6 ;
04B5 3F          .db             3Fh ; ?
04B6 06          .db             6 ;
04B7 48          .db             48h ; H
04B8 06          .db             6 ;
04B9 4B          .db             4Bh ; K
04BA 02          .db             2 ;
04BB 54          .db             54h ; T
04BC 03          .db             3 ;
04BD 54          .db             54h ; T
04BE 04          .db             4 ;
04BF 54          .db             54h ; T
04C0 02          .db             2 ;
04C1 58          .db             58h ; X
04C2 03          .db             3 ;
04C3 58          .db             58h ; X

```

04C4	04	.db	4 ;
04C5	58	.db	58h ; X
04C6	04	.db	4 ;
04C7	58	.db	58h ; X
04C8	04	.db	4 ;
04C9	58	.db	58h ; X
04CA	04	.db	4 ;
04CB	58	.db	58h ; X
04CC	04	.db	4 ;
04CD	58	.db	58h ; X
04CE	04	.db	4 ;
04CF	58	.db	58h ; X
04D0	04	.db	4 ;
04D1	58	.db	58h ; X
04D2	04	.db	4 ;
04D3	58	.db	58h ; X
04D4	04	.db	4 ;
04D5	58	.db	58h ; X
04D6	04	.db	4 ;
04D7	58	.db	58h ; X
04D8	03	.db	3 ;
04D9	01	.db	1 ;
04DA	03	.db	3 ;
04DB	01	.db	1 ;
04DC	03	.db	3 ;
04DD	01	.db	1 ;
04DE	04	.db	4 ;
04DF	01	.db	1 ;
04E0	04	.db	4 ;
04E1	01	.db	1 ;
04E2	04	.db	4 ;
04E3	01	.db	1 ;
04E4	05	.db	5 ;
04E5	01	.db	1 ;
04E6	05	.db	5 ;
04E7	01	.db	1 ;
04E8	05	.db	5 ;
04E9	01	.db	1 ;
04EA	02	.db	2 ;
04EB	19	.db	19h ;
04EC	02	.db	2 ;
04ED	19	.db	19h ;
04EE	02	.db	2 ;
04EF	19	.db	19h ;
04F0	04	.db	4 ;
04F1	01	.db	1 ;
04F2	04	.db	4 ;
04F3	01	.db	1 ;
04F4	04	.db	4 ;
04F5	04	.db	4 ;
04F6	04	.db	4 ;
04F7	04	.db	4 ;
04F8	04	.db	4 ;
04F9	05	.db	5 ;
04FA	04	.db	4 ;
04FB	05	.db	5 ;
04FC	05	.db	5 ;
04FD	05	.db	5 ;
04FE	05	.db	5 ;
04FF	05	.db	5 ;
0500	06	.db	6 ;
0501	05	.db	5 ;
0502	06	.db	6 ;
0503	05	.db	5 ;
0504	03	.db	3 ;
0505	19	.db	19h ;
0506	03	.db	3 ;
0507	19	.db	19h ;
0508	04	.db	4 ;
0509	19	.db	19h ;
050A	04	.db	4 ;
050B	19	.db	19h ;
050C	05	.db	5 ;
050D	19	.db	19h ;
050E	05	.db	5 ;
050F	19	.db	19h ;
0510	03	.db	3 ;
0511	27	.db	27h ; '
0512	03	.db	3 ;
0513	27	.db	27h ; '
0514	04	.db	4 ;
0515	27	.db	27h ; '
0516	04	.db	4 ;
0517	27	.db	27h ; '
0518	05	.db	5 ;
0519	27	.db	27h ; '
051A	05	.db	5 ;
051B	27	.db	27h ; '
051C	03	.db	3 ;
051D	1F	.db	1Fh ;
051E	03	.db	3 ;
051F	1F	.db	1Fh ;
0520	04	.db	4 ;
0521	1F	.db	1Fh ;
0522	04	.db	4 ;
0523	1F	.db	1Fh ;
0524	05	.db	5 ;
0525	1F	.db	1Fh ;
0526	05	.db	5 ;
0527	1F	.db	1Fh ;
0528	03	.db	3 ;
0529	13	.db	13h ;
052A	03	.db	3 ;
052B	13	.db	13h ;
052C	04	.db	4 ;
052D	13	.db	13h ;
052E	04	.db	4 ;
052F	13	.db	13h ;
0530	05	.db	5 ;
0531	13	.db	13h ;
0532	05	.db	5 ;
0533	13	.db	13h ;
0534	03	.db	3 ;
0535	36	.db	36h ; 6
0536	03	.db	3 ;
0537	36	.db	36h ; 6

```
0538 03      .db      3 ;
0539 37      .db     37h ; 7
053A 03      .db      3 ;
053B 37      .db     37h ; 7
053C 04      .db      4 ;
053D 37      .db     37h ; 7
053E 04      .db      4 ;
053F 37      .db     37h ; 7
0540 03      .db      3 ;
0541 2D      .db     2Dh ; -
0542 03      .db      3 ;
0543 2D      .db     2Dh ; -
0544 04      .db      4 ;
0545 2D      .db     2Dh ; -
0546 04      .db      4 ;
0547 2D      .db     2Dh ; -
0548 05      .db      5 ;
0549 2D      .db     2Dh ; -
054A 05      .db      5 ;
054B 2D      .db     2Dh ; -
054C 04      .db      4 ;
054D 12      .db     12h ;
054E 04      .db      4 ;
054F 12      .db     12h ;
0550 04      .db      4 ;
0551 11      .db     11h ;
0552 04      .db      4 ;
0553 11      .db     11h ;
0554 05      .db      5 ;
0555 11      .db     11h ;
0556 05      .db      5 ;
0557 11      .db     11h ;
0558 05      .db      5 ;
0559 17      .db     17h ;
055A 05      .db      5 ;
055B 17      .db     17h ;
055C 06      .db      6 ;
055D 17      .db     17h ;
055E 06      .db      6 ;
055F 17      .db     17h ;
0560 02      .db      2 ;
0561 3C      .db     3Ch ; <
0562 03      .db      3 ;
0563 3C      .db     3Ch ; <
0564 03      .db      3 ;
0565 3C      .db     3Ch ; <
0566 04      .db      4 ;
0567 3C      .db     3Ch ; <
0568 04      .db      4 ;
0569 3C      .db     3Ch ; <
056A 05      .db      5 ;
056B 3C      .db     3Ch ; <
056C 05      .db      5 ;
056D 19      .db     19h ;
056E 05      .db      5 ;
056F 19      .db     19h ;
0570 06      .db      6 ;
0571 19      .db     19h ;
0572 06      .db      6 ;
0573 19      .db     19h ;
0574 02      .db      2 ;
0575 45      .db     45h ; E
0576 03      .db      3 ;
0577 45      .db     45h ; E
0578 03      .db      3 ;
0579 45      .db     45h ; E
057A 04      .db      4 ;
057B 45      .db     45h ; E
057C 04      .db      4 ;
057D 45      .db     45h ; E
057E 05      .db      5 ;
057F 45      .db     45h ; E
0580 05      .db      5 ;
0581 2D      .db     2Dh ; -
0582 05      .db      5 ;
0583 2D      .db     2Dh ; -
0584 06      .db      6 ;
0585 2D      .db     2Dh ; -
0586 06      .db      6 ;
0587 2D      .db     2Dh ; -
0588 04      .db      4 ;
0589 27      .db     27h ; '
058A 04      .db      4 ;
058B 27      .db     27h ; '
058C 05      .db      5 ;
058D 27      .db     27h ; '
058E 05      .db      5 ;
058F 27      .db     27h ; '
0590 06      .db      6 ;
0591 27      .db     27h ; '
0592 06      .db      6 ;
0593 27      .db     27h ; '
0594 05      .db      5 ;
0595 0D      .db     0Dh ;
0596 05      .db      5 ;
0597 0D      .db     0Dh ;
0598 06      .db      6 ;
0599 0D      .db     0Dh ;
059A 06      .db      6 ;
059B 0D      .db     0Dh ;
059C 02      .db      2 ;
059D 6D      .db     6Dh ; m
059E 03      .db      3 ;
059F 6C      .db     6Ch ; l
05A0 03      .db      3 ;
05A1 6C      .db     6Ch ; l
05A2 04      .db      4 ;
05A3 6C      .db     6Ch ; l
05A4 04      .db      4 ;
05A5 6C      .db     6Ch ; l
05A6 05      .db      5 ;
05A7 6C      .db     6Ch ; l
05A8 06      .db      6 ;
05A9 0D      .db     0Dh ;
05AA 06      .db      6 ;
05AB 0D      .db     0Dh ;
```

```

05AC 06      .db      6 ;
05AD 07      .db      7 ;
05AE 06      .db      6 ;
05AF 07      .db      7 ;
05B0 06      .db      6 ;
05B1 07      .db      7 ;
05B2 06      .db      6 ;
05B3 07      .db      7 ;
05B4 02      .db      2 ;
05B5 4E      .db      4Eh ; N
05B6 03      .db      3 ;
05B7 4E      .db      4Eh ; N
05B8 03      .db      3 ;
05B9 4E      .db      4Eh ; N
05BA 04      .db      4 ;
05BB 4E      .db      4Eh ; N
05BC 04      .db      4 ;
05BD 4E      .db      4Eh ; N
05BE 05      .db      5 ;
05BF 4E      .db      4Eh ; N
05C0 06      .db      6 ;
05C1 07      .db      7 ;
05C2 06      .db      6 ;
05C3 07      .db      7 ;
05C4 06      .db      6 ;
05C5 07      .db      7 ;
05C6 06      .db      6 ;
05C7 07      .db      7 ;
05C8 01      .db      1 ;
05C9 54      .db      54h ; T
05CA 02      .db      2 ;
05CB 54      .db      54h ; T
05CC 06      .db      6 ;
05CD 07      .db      7 ;
05CE 06      .db      6 ;
05CF 07      .db      7 ;
05D0 06      .db      6 ;
05D1 07      .db      7 ;
05D2 06      .db      6 ;
05D3 07      .db      7 ;
05D4 01      .db      1 ;
05D5 58      .db      58h ; X
05D6 02      .db      2 ;
05D7 58      .db      58h ; X
05D8          ;
05D8 AF      xor      a
05D9 32 2D 80 ld      (802Dh), a
05DC ED 43 85 81 ld      (8185h), bc
05E0 C9      ret
05E1          ;
05E1 26 7F      ld      h, 7Fh ; '□'
05E3 0A      ld      a, (bc)
05E4 6F      ld      l, a
05E5 0B      dec      bc
05E6 0A      ld      a, (bc)
05E7 77      ld      (hl), a
05E8 03      inc      bc
05E9 03      inc      bc
05EA 26 7B      ld      h, 7Bh ; '{'
05EC 0A      ld      a, (bc)
05ED 0F      rrca
05EE 0F      rrca
05EF 0F      rrca
05F0 5F      ld      e, a
05F1 E6 E0      and      0E0h ; 'Ó'
05F3 77      ld      (hl), a
05F4 2C      inc      l
05F5 7B      ld      a, e
05F6 E6 1F      and      1Fh
05F8 77      ld      (hl), a
05F9 03      inc      bc
05FA 26 7D      ld      h, 7Dh ; '}'
05FC 0A      ld      a, (bc)
05FD 77      ld      (hl), a
05FE 03      inc      bc
05FF 26 79      ld      h, 79h ; 'y'
0601 CB FD      set      7, l
0603 EB      ex      de, hl
0604 60      ld      h, b
0605 69      ld      l, c
0606 CF      rst      8
0607 22 85 81      ld      (8185h), hl
060A 21 80 93      ld      hl, 9380h
060D 3A 42 80      ld      a, (8042h)
0610 87      add      a, a
0611 87      add      a, a
0612 87      add      a, a
0613 D5      push     de
0614 EF      rst      28h
0615 D1      pop      de
0616 EB      ex      de, hl
0617 72      ld      (hl), d
0618 2D      dec      l
0619 73      ld      (hl), e
061A 60      ld      h, b
061B 69      ld      l, c
061C 01 40 00      ld      bc, 40h ; '@'
061F ED B0      ldir
0621 3A 42 80      ld      a, (8042h)
0624 3C      inc      a
0625 FE 0C      cp      0Ch
0627 38 01      jr      c, loc_0_62A
0629 AF      xor      a
062A          ;
062A          loc_0_62A:
062A 32 42 80      ld      (8042h), a ; CODE XREF: 0000:0627lj
062D C9      ret
062E          ;
062E 3E 31      ld      a, 31h ; '1'
0630 7E 7F      ld      (7F7Eh), a
0633 3C      inc      a
0634 7C 7F      ld      (7F7Ch), a
0637 AF      xor      a
0638 32 2E 80      ld      (802Eh), a
063B ED 43 85 81 ld      (8185h), bc
063F C9      ret

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```

0640      ;
0640 3E 01      ld      a, 1
0642 32 2E 80      ld      (802Eh), a
0645 ED 43 85 81      ld      (8185h), bc
0649 C9      ret
064A      ;
064A 21 1E 79      ld      hl, 791Eh
064D 36 02      ld      (hl), 2
064F 2C      inc      l
0650 36 00      ld      (hl), 0
0652 24      inc      h
0653 36 F8      ld      (hl), 0F8h ; ''
0655 24      inc      h
0656 36 0E      ld      (hl), 0Eh
0658 2D      dec      l
0659 36 80      ld      (hl), 80h ; 'C'
065B 24      inc      h
065C 36 00      ld      (hl), 0
065E ED 43 85 81      ld      (8185h), bc
0662 AF      xor      a
0663 32 2F 80      ld      (802Fh), a
0666 21 76 06      ld      hl, 676h
0669 11 02 7F      ld      de, 7F02h
066C 06 0F      ld      b, 0Fh
066E
066E      loc_0_66E:      ; CODE XREF: 0000:0673|j
066E 7E      ld      a, (hl)
066F 12      ld      (de), a
0670 1C      inc      e
0671 1C      inc      e
0672 23      inc      hl
0673 10 F9      djnz     loc_0_66E
0675 C9      ret
0676      ;
0676 41      .db      41h ; A
0677 42      .db      42h ; B
0678 43      .db      43h ; C
0679 44      .db      44h ; D
067A 45      .db      45h ; E
067B 46      .db      46h ; F
067C 47      .db      47h ; G
067D 48      .db      48h ; H
067E 49      .db      49h ; I
067F 52      .db      52h ; R
0680 51      .db      51h ; Q
0681 50      .db      50h ; P
0682 4F      .db      4Fh ; O
0683 4A      .db      4Ah ; J
0684 4B      .db      4Bh ; K
0685      ;
0685 ED 43 85 81      ld      (8185h), bc
0689 3E 01      ld      a, 1
068B 32 2F 80      ld      (802Fh), a
068E C9      ret
068F      ;
068F 2A 85 81      ld      hl, (8185h)
0692 3A 11 80      ld      a, (8011h)
0695 BE      cp      (hl)
0696 C0      ret      nz
0697 23      inc      hl
0698 4D      ld      c, l
0699 44      ld      b, h
069A 03      inc      bc
069B 7E      ld      a, (hl)      ; get index
069C 21 A9 06      ld      hl, 6A9h      ; table of offsets into jump table
069F D7      rst      10h      ; HL += A
06A0 7E      ld      a, (hl)
06A1 21 01 07      ld      hl, 701h      ; jump table
06A4 CF      rst      8      ; HL += 2A
06A5 5E      ld      e, (hl)
06A6 23      inc      hl
06A7 56      ld      d, (hl)      ; get jump address
06A8 EB      ex      de, hl
06A9 E9      jp      (hl)      ; go
06AA      ;
06AA 00 02 03 04+      .db      0, 2, 3, 4, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 ; table of offsets into jump table
06AA 05 00 00 00+      .db      0, 0, 0, 0, 0, 0, 0, 0, 0Eh, 0Eh, 1, 0, 1, 1, 1, 1, 1
06AA 00 00 00 00+      .db      6, 7, 8, 9, 1, 1, 0Ah, 0Bh, 0Ch, 0Dh, 1, 1, 0Fh, 10h
06AA 00 00 00 00+      .db      11h, 0, 0, 12h, 13h, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
06AA 00 00 00 00+      .db      1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 14h, 15h, 16h
06AA 00 00 00 00+      .db      0, 0, 0, 0, 1, 0, 0, 0, 17h
0701 31 07      .dw      731h
0703 3F 07      .dw      73Fh
0705 BD 03      .dw      3BDh
0707 D1 03      .dw      3D1h
0709 EF 03      .dw      3EFh
070B FD 03      .dw      3FDh
070D 5D 07      .dw      75Dh
070F D8 05      .dw      5D8h
0711 3E 04      .dw      43Eh
0713 48 04      .dw      448h
0715 8E 04      .dw      48Eh
0717 52 04      .dw      452h
0719 5C 04      .dw      45Ch
071B 66 04      .dw      466h
071D 67 07      .dw      767h
071F E1 05      .dw      5E1h
0721 70 04      .dw      470h
0723 7A 04      .dw      47Ah
0725 2E 06      .dw      62Eh
0727 40 06      .dw      640h
0729 4A 06      .dw      64Ah
072B 85 06      .dw      685h
072D 84 04      .dw      484h
072F 0C 04      .dw      40Ch
0731      ;
0731 26 7F      ld      h, 7Fh ; ' '
0733 0A      ld      a, (bc)
0734 6F      ld      l, a
0735 0B      dec      bc
0736 0A      ld      a, (bc)
0737 77      ld      (hl), a
0738 03      inc      bc
0739 03      inc      bc
073A ED 43 85 81      ld      (8185h), bc
073E C9      ret

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073F      ;
073F 26 7F      ld      h, 7Fh ; '□'
0741 0A          ld      a, (bc)
0742 6F          ld      l, a
0743 0B          dec      bc
0744 0A          ld      a, (bc)
0745 77          ld      (hl), a
0746 03          inc      bc
0747 03          inc      bc
0748 26 7B      ld      h, 7Bh ; '{'
074A 0A          ld      a, (bc)
074B 0F          rrca
074C 0F          rrca
074D 0F          rrca
074E 5F          ld      e, a
074F E6 E0      and      0E0h ; 'Ó'
0751 77          ld      (hl), a
0752 2C          inc      l
0753 7B          ld      a, e
0754 E6 1F      and      1Fh
0756 77          ld      (hl), a
0757 03          inc      bc
0758 ED 43 85 81 ld      (8185h), bc
075C C9          ret
075D
075D 0A          ;
075E 32 22 84      ld      a, (bc)
0761 03          ld      (8422h), a
0762 ED 43 85 81      inc      bc
0766 C9          ld      (8185h), bc
0767          ret
0767      ;
0767 26 7F      ld      h, 7Fh ; '□'
0769 0A          ld      a, (bc)
076A 6F          ld      l, a
076B 0B          dec      bc
076C 0A          ld      a, (bc)
076D 77          ld      (hl), a
076E 03          inc      bc
076F 03          inc      bc
0770 26 7B      ld      h, 7Bh ; '{'
0772 0A          ld      a, (bc)
0773 0F          rrca
0774 0F          rrca
0775 0F          rrca
0776 5F          ld      e, a
0777 E6 E0      and      0E0h ; 'Ó'
0779 77          ld      (hl), a
077A 2C          inc      l
077B 7B          ld      a, e
077C E6 1F      and      1Fh
077E 77          ld      (hl), a
077F 03          inc      bc
0780 2D          dec      l
0781 26 7E      ld      h, 7Eh ; '~'
0783 0A          ld      a, (bc)
0784 77          ld      (hl), a
0785 03          inc      bc
0786 ED 43 85 81 ld      (8185h), bc
078A C9          ret
078B
078B          ;
078B          loc_0_78B:          ; CODE XREF: 0000:07BB↑j
078B F7          rst      30h
078C 3A 11 80      ld      a, (8011h)
078F FE 0E          cp      0Eh
0791 C8          ret      z
0792 F7          rst      30h
0793 3A 11 80      ld      a, (8011h)
0796 FE 0E          cp      0Eh
0798 C0          ret      nz
0799 3A 87 81      ld      a, (8187h)
079C 3C          inc      a
079D FE 10          cp      10h
079F 20 02          jr      nz, loc_0_7A3
07A1 3E 06          ld      a, 6
07A3
07A3          loc_0_7A3:          ; CODE XREF: 0000:079F↑j
07A3 32 87 81      ld      (8187h), a
07A6 4F          ld      c, a
07A7 21 BD 07      ld      hl, 7BDh
07AA D7          rst      10h
07AB 7E          ld      a, (hl)
07AC 32 13 80      ld      (8013h), a
07AF 79          ld      a, c
07B0 21 00 10      ld      hl, 1000h
07B3 CF          rst      8
07B4 5E          ld      e, (hl)
07B5 23          inc      hl
07B6 56          ld      d, (hl)
07B7 ED 53 85 81 ld      (8185h), de
07BB 18 CE          jr      loc_0_78B
07BB          ;
07BD 24          .db      24h ; $
07BE 00          .db      0 ;
07BF 54          .db      54h ; T
07C0 0E          .db      0Eh ;
07C1 40          .db      40h ; @
07C2 1A          .db      1Ah ;
07C3 64          .db      64h ; d
07C4 04          .db      4 ;
07C5 2A          .db      2Ah ; *
07C6 5C          .db      5Ch ; \
07C7 0E          .db      0Eh ;
07C8 04          .db      4 ;
07C9 38          .db      38h ; 8
07CA 54          .db      54h ; T
07CB 1A          .db      1Ah ;
07CC 00          .db      0 ;
07CD
07CD 3A AD 85      ld      a, (85ADh)
07D0 FE 00          cp      0
07D2 C8          ret      z
07D3 3A 01 80      ld      a, (8001h)
07D6 0F          rrca
07D7 0F          rrca
07D8 0F          rrca

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07D9 0F          rrca
07DA E6 01      and     1
07DC 47          ld     b, a
07DD 21 00 18   ld     hl, 1800h
07E0 11 00 05   ld     de, 500h
07E3 3A 21 80   ld     a, (8021h)      ; current player #
07E6 A7          and     a
07E7 28 01      jr     z, loc_0_7EA
07E9 EB          ex     de, hl
07EA
07EA          loc_0_7EA:          ; CODE XREF: 0000:07E7↑j
07EA 4F          ld     c, a          ; player #
07EB CD 0F 08   call    display_lup_2up_blank
07EE EB          ex     de, hl
07EF 3A 22 80   ld     a, (8022h)
07F2 A7          and     a
07F3 3E 06      ld     a, 6          ; offset points to "  "
07F5 28 07      jr     z, loc_0_7FE
07F7 79          ld     a, c          ; current player #
07F8 EE 01      xor     1          ; toggle 0<->1
07FA 4F          ld     c, a          ; store
07FB
07FB          ; ██████████ S U B R O U T I N E ██████████
07FB
07FB          display_lup_2up:          ; CODE XREF: display_lup_2up_blank+2↑p
07FB 79          ld     a, c          ; player #
07FC 87          add     a, a          ; = x2
07FD 81          add     a, c          ; = x3
07FE
07FE          loc_0_7FE:          ; CODE XREF: 0000:07F5↑j
07FE 11 1F 08   ld     de, 81Fh          ; "1UP/2UP"
0801 EB          ex     de, hl
0802 D7          rst     10h          ; HL += A
0803 EB          ex     de, hl          ; DE = 1UP/2UP
0804 01 C0 03   ld     bc, 3C0h          ; B=length
0807
0807          loc_0_807:          ; CODE XREF: display_lup_2up+11↑j
0807 1A          ld     a, (de)          ; get char
0808 CD 28 08   call    display_char
080B 13          inc     de          ; next char
080C 10 F9      djnz    loc_0_807      ; done? no, loop
080E C9          ret
080E          ; End of function display_lup_2up
080E
080F
080F          ; ██████████ S U B R O U T I N E ██████████
080F
080F          display_lup_2up_blank:          ; CODE XREF: 0000:07EB↑p
080F D5          push    de
0810 C5          push    bc
0811 3A 23 80   ld     a, (8023h)
0814 A0          and     b
0815 28 02      jr     z, loc_0_819
0817 0E 02      ld     c, 2          ; "  "
0819
0819          loc_0_819:          ; CODE XREF: display_lup_2up_blank+6↑j
0819 CD FB 07   call    display_lup_2up
081C C1          pop     bc
081D D1          pop     de
081E C9          ret
081E          ; End of function display_lup_2up_blank
081E
081E          ; -----
081F 01 1E 19   .db 1, 1Eh, 19h          ; "1UP"
0822 02 1E 19   .db 2, 1Eh, 19h          ; "2UP"
0825 24 24 24   .db 24h, 24h, 24h          ; "  "
0828
0828          ; ██████████ S U B R O U T I N E ██████████
0828
0828          display_char:          ; CODE XREF: display_lup_2up+D↑p
0828 E5          push    hl
0829 F5          push    af
082A CD 32 08   call    sub_0_832
082D F1          pop     af
082E 77          ld     (hl), a          ; show char
082F E1          pop     hl
0830 25          dec     h
0831 C9          ret
0831          ; End of function display_char
0831
0832
0832          ; ██████████ S U B R O U T I N E ██████████
0832
0832          sub_0_832:          ; CODE XREF: display_char+2↑p
0832 3A 03 80   ld     a, (8003h)
0835 25          dec     h
0836 A7          and     a
0837 3E 04      ld     a, 4
0839 28 03      jr     z, loc_0_83E
083B 25          dec     h
083C 3E 18      ld     a, 18h
083E
083E          loc_0_83E:          ; CODE XREF: sub_0_832+7↑j
083E 85          add     a, 1
083F E6 3F      and     3Fh ; '?'
0841 6F          ld     l, a
0842 3E 03      ld     a, 3
0844 84          add     a, h
0845 0F          rrca
0846 0F          rrca
0847 67          ld     h, a
0848 E6 C0      and     0C0h ; 'L'
084A B5          or     l
084B 6F          ld     l, a
084C 7C          ld     a, h
084D E6 07      and     7
084F 81          add     a, c
0850 67          ld     h, a
0851 C9          ret
0851          ; End of function sub_0_832
0851
0851          ; -----
0851

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[illegible]

[illegible]

```
1018 7A 1A .dw 1A7Ah
101A 29 1B .dw 1B29h
101C 77 1B .dw 1B77h
101E F0 1C .dw 1CF0h
1020 0C 53 00 0C+byte_0_1020: .db 0Ch, 53h, 0, 0Ch, 0FFh, 24h, 0Fh, 0FFh, 25h, 0FFh
1020 FF 24 0F FF+ .db 0FFh, 28h, 12h, 0FFh, 29h, 1Fh, 0FEh, 2Ah, 7, 0FEh
1020 25 FF FF 28+ .db 2Fh, 1Fh, 0FEh, 30h, 1Fh, 0FEh, 2Bh, 7, 0FDh, 3, 0EBh
1020 12 FF 29 1F+ .db 3, 0D7h, 3, 0D6h, 1Eh, 4, 80h, 0D6h, 1Fh, 6, 70h, 0C3h
1020 FE 2A 07 FE+ .db 5, 0B7h, 3, 0B6h, 1Eh, 8, 80h, 0B6h, 26h, 0Ah, 70h
1020 2F 1F FE 30+ .db 0ABh, 1Eh, 0Ch, 58h, 0A9h, 26h, 0Eh, 58h, 0A1h, 1Fh
1020 1F FE 2B 07+ .db 10h, 40h, 9Fh, 26h, 12h, 50h, 9Fh, 5, 9Bh, 57h, 9Bh
1020 FD 03 EB 03+ .db 57h, 93h, 3, 83h, 3, 7Ah, 26h, 14h, 70h, 78h, 1Fh
1020 D7 03 D6 1E+ .db 16h, 70h, 73h, 3, 69h, 1Dh, 18h, 20h, 61h, 2Ch, 1Ah
1020 04 80 D6 1F+ .db 5Ah, 60h, 25h, 1Fh, 5Fh, 57h, 5Fh, 57h, 5Eh, 2Ch, 1Ch
1020 06 70 C3 05+ .db 5Ah, 5Bh, 2Ch, 1Eh, 5Ah, 5Bh, 3, 53h, 3, 47h, 3, 44h
1020 B7 03 B6 1E+ .db 54h, 0, 3Ch, 1Eh, 4, 60h, 3Ch, 26h, 6, 70h, 3Bh, 2
1020 08 80 B6 26+ .db 3, 27h, 1Fh, 8, 28h, 25h, 26h, 0Ah, 38h, 23h, 1Fh
1020 0A 70 AB 1E+ .db 0Ch, 48h, 23h, 26h, 0Eh, 0C0h, 21h, 26h, 10h, 58h
1020 0C 58 A9 26+ .db 1Fh, 1Fh, 12h, 68h, 17h, 5, 17h, 1Dh, 14h, 0D0h, 15h
1020 0E 58 A1 1F+ .db 2Dh, 16h, 68h, 0Dh
1020 FF 02 01 EF+ .db 0FFh, 2, 1, 0EFh, 5, 0E7h, 2Eh, 4, 9Ch, 3, 40h, 0
1020 05 E7 2E 04+ .db 38h, 1Ch, 0FFh, 18h, 0DDh, 26h, 6, 70h, 0DDh, 1Eh
1020 9C 03 40 00+ .db 8, 60h, 0D3h, 1Fh, 0Ah, 0D0h, 0D3h, 26h, 0Ch, 0C0h
1020 38 1C FF 18+ .db 0C9h, 26h, 0Eh, 70h, 0C9h, 26h, 10h, 60h, 0C3h, 3
1020 DD 26 06 70+ .db 0BBh, 2Eh, 12h, 94h, 3, 68h, 0, 20h, 2, 0FFh, 0, 0B3h
1020 D8 1E 08 60+ .db 26h, 14h, 68h, 0B3h, 5, 0A7h, 2Eh, 16h, 94h, 3, 58h
1020 D3 1F 0A D0+ .db 0, 0C0h, 18h, 0FFh, 0, 0A3h, 26h, 18h, 70h, 0A3h, 1Fh
1020 C8 D3 26 0C D0+ .db 1Ah, 60h, 0A3h, 3, 95h, 26h, 1Ch, 68h, 93h, 3, 83h
1020 C9 26 0E 70+ .db 5, 79h, 1Fh, 1Eh, 0D0h, 6Fh, 26h, 4, 70h, 6Fh, 1Fh
1020 C9 26 10 60+ .db 6, 60h, 6Dh, 1Fh, 8, 70h, 6Dh, 26h, 0Ah, 60h, 67h
1020 C3 03 BB 2E+ .db 1Dh, 0Ch, 20h, 67h, 2Eh, 0Eh, 0D8h, 4, 48h, 1Ch, 50h
1020 12 94 03 68+ .db 0, 20h, 1Ch, 0FFh, 0, 5Bh, 3, 4Bh, 5, 47h, 2Eh, 10h
1020 00 20 02 FF+ .db 0A4h, 4, 8, 0, 50h, 8, 60h, 0, 0C0h, 2, 44h, 2Eh, 12h
1020 00 B3 26 14+ .db 34h, 3, 78h, 0, 0A8h, 4, 0C0h, 6, 3Eh, 1Dh, 14h, 70h
1020 68 B3 05 A7+ .db 39h, 1Fh, 16h, 0D0h, 39h, 26h, 18h, 0C0h, 33h, 3, 27h
1020 2E 16 94 03+ .db 1Eh, 1Ah, 90h, 25h, 1Fh, 1Ch, 80h, 25h, 2Eh, 1Eh, 60h
1020 58 00 C0 18+ .db 2, 90h, 4, 0C0h, 8, 23h, 1Eh, 4, 70h, 23h, 5, 21h
1020 FF 00 A3 26+ .db 1Fh, 6, 60h, 1Fh, 1Eh, 8, 50h, 1Ch, 28h, 18h, 1Bh
1020 18 70 A3 1F+ .db 2, 1, 17h, 26h, 0Ah, 0A0h, 17h, 26h, 0Ch, 90h, 15h
1020 1A 60 A3 03+ .db 5, 13h, 1Fh, 0Eh, 0B0h, 13h, 1Bh, 10h, 0A0h, 13h, 1Bh
1020 95 26 1C 68+ .db 12h, 90h, 13h, 1Fh, 14h, 80h, 0Dh
11AF FF 22 04 FF+byte_0_11AF: .db 0FFh, 22h, 4, 0FFh, 28h, 14h, 0EFh, 1Fh, 16h, 40h
11AF 28 14 EF 1F+ .db 0E4h, 22h, 2, 0BDh, 26h, 18h, 0A0h, 0BBh, 1Fh, 1Ah
11AF 16 40 E4 22+ .db 0A0h, 0B8h, 22h, 2, 0A3h, 20h, 1Ch, 0C0h, 9Fh, 1Dh
11AF 02 BD 26 18+ .db 4, 0E0h, 93h, 0Fh, 74h, 91h, 26h, 6, 80h, 8Fh, 1Eh
11AF A0 BB 1F 1A+ .db 8, 80h, 8Ch, 54h, 0, 87h, 1Eh, 0Ah, 90h, 87h, 1Fh
11AF A0 B8 22 02+ .db 0Ch, 80h, 83h, 23h, 83h, 57h, 7Bh, 3, 6Bh, 1Fh, 0Eh
11AF A3 20 1C C0+ .db 0D0h, 6Bh, 26h, 10h, 0A0h, 63h, 5, 63h, 26h, 12h, 60h
11AF 9F 1D 04 E0+ .db 5Bh, 1Fh, 14h, 60h, 57h, 36h, 16h, 78h, 57h, 3, 4Bh
11AF 93 0F 74 91+ .db 57h, 49h, 1Fh, 18h, 0D0h, 49h, 26h, 1Ah, 0A0h, 43h
11AF 26 06 80 8E+ .db 3, 36h, 1Eh, 1Ch, 0C0h, 36h, 26h, 1Eh, 0A8h, 36h, 1Fh
11AF 1E 08 80 8C+ .db 4, 90h, 36h, 1Eh, 6, 78h, 2Ch, 1Fh, 8, 90h, 2Bh, 5
11AF 54 00 87 1E+ .db 1Fh, 1Fh, 0Ah, 80h, 1Fh, 26h, 0Ch, 60h, 1Fh, 1Fh, 0Eh
11AF 0A 90 87 1F+ .db 40h, 18h, 24h, 3, 17h, 21h, 10h, 60h, 17h, 1Dh, 14h
11AF 0C 80 83 23+ .db 20h, 0Dh
123D FF 02 01 F0+ .db 0FFh, 2, 1, 0F0h, 5, 0EDh, 2Eh, 16h, 9Ch, 3, 0A0h
123D 05 ED 2E 16+ .db 0, 80h, 10h, 80h, 0, 0E3h, 2Eh, 18h, 2Ch, 2, 90h, 0
123D 9C 03 A0 00+ .db 80h, 1Ch, 0DBh, 1Eh, 1Ah, 60h, 0DBh, 1Fh, 1Ch, 50h
123D 80 10 80 00+ .db 0D1h, 2Eh, 1Eh, 7Ch, 3, 38h, 0, 80h, 2, 0C0h, 0, 0CBh
123D E3 2E 18 2C+ .db 3, 0C5h, 26h, 4, 0B0h, 0C5h, 1Fh, 6, 0A0h, 0C5h, 1Dh
123D 02 90 00 80+ .db 8, 60h, 0BDh, 2Eh, 0Ah, 24h, 3, 48h, 0, 28h, 2, 0FFh
123D 1C DB 1E 1A+ .db 0, 0BBh, 5, 0AFh, 1Fh, 0Ch, 50h, 0ADh, 1Fh, 0Eh, 40h
123D 60 DB 1F 1C+ .db 0AAh, 26h, 10h, 50h, 0A7h, 26h, 12h, 40h, 0A7h, 2Eh
123D 50 D1 2E 1E+ .db 14h, 24h, 4, 60h, 0, 0D8h, 10h, 28h, 8, 0FFh, 2, 9Fh
123D 7C 03 38 00+ .db 3, 8Bh, 5, 87h, 22h, 1, 83h, 23h, 73h, 2, 45h, 73h
123D 80 02 C0 00+ .db 4Eh, 2Fh, 73h, 4Ch, 63h, 5, 5Fh, 2, 45h, 4Fh, 5, 3Fh
123D CB 03 C5 26+ .db 22h, 4, 33h, 23h, 31h, 23h, 2Bh, 23h, 2Bh, 57h, 28h
123D 04 B0 C5 1F+ .db 3, 20h, 4Dh, 20h, 3, 10h, 3, 0Dh
12CD FF 24 07 FF+ .db 0FFh, 24h, 7, 0FFh, 2Fh, 0Fh, 0FEh, 30h, 0Fh, 0FEh
12CD 2F 0F FE 30+ .db 28h, 1Ch, 0FDh, 3, 0EFh, 3, 0E3h, 57h, 0E3h, 5, 0DDh
12CD 0F FE 28 1C+ .db 1Fh, 4, 0A0h, 0DDh, 1Eh, 6, 90h, 0DBh, 21h, 8, 70h
12CD FD 03 EF 03+ .db 0DBh, 1Eh, 0Ch, 0A0h, 0DBh, 1Fh, 0Eh, 90h, 0D1h, 3Dh
12CD E3 57 E3 05+ .db 10h, 0C0h, 0CBh, 3, 0BFh, 3Eh, 12h, 0A0h, 0BBh, 3
12CD DD 1F 04 A0+ .db 0BBh, 3Eh, 14h, 60h, 0B7h, 3Eh, 16h, 0A0h, 0B3h, 3
12CD D0 1E 06 90+ .db 0B3h, 3Fh, 18h, 60h, 0AFh, 3Fh, 1Ah, 20h, 0A7h, 5
12CD DB 21 08 70+ .db 0A5h, 21h, 1Ch, 68h, 9Bh, 3Eh, 4, 40h, 97h, 3Eh, 6
12CD DB 1E 0C A0+ .db 80h, 95h, 3Eh, 8, 0A0h, 93h, 3Eh, 0Ah, 0C0h, 93h, 3
12CD DB 1F 0E 90+ .db 7Bh, 5, 7Bh, 54h, 0, 71h, 2Eh, 0Ch, 60h, 0Ch, 30h
12CD D1 3D 10 C0+ .db 0, 30h, 10h, 30h, 18h, 30h, 8, 30h, 0, 30h, 10h, 30h
12CD CB 03 BF 3E+ .db 18h, 30h, 8, 30h, 0, 30h, 10h, 30h, 18h, 30h, 8, 71h
12CD 12 A0 BB 03+ .db 1Dh, 0Eh, 20h, 70h, 25h, 0Fh, 70h, 24h, 0Fh, 6Bh, 1Eh
12CD BB 3E 14 60+ .db 10h, 80h, 69h, 26h, 12h, 80h, 67h, 1Eh, 14h, 80h, 65h
12CD B7 3E 16 A0+ .db 26h, 16h, 80h, 63h, 3, 4Bh, 5, 4Bh, 1Fh, 18h, 0C0h
12CD B3 03 B3 3F+ .db 3Fh, 3, 35h, 1Fh, 1Ah, 80h, 32h, 2Eh, 1Ch, 0D8h, 3
12CD 18 60 AF 3E+ .db 0C0h, 18h, 18h, 10h, 0C0h, 8, 31h, 1Dh, 1Eh, 40h, 2Fh
12CD 1A 20 A7 05+ .db 5, 23h, 2Eh, 4, 0C0h, 1, 0C0h, 18h, 20h, 2Eh, 6, 20h
12CD A5 21 1C 68+ .db 1, 0C0h, 8, 1Dh, 2Eh, 8, 0C0h, 1, 0C0h, 18h, 17h, 1Fh
12CD 9B 3E 04 40+ .db 0Ah, 0C0h, 17h, 21h, 0Ch, 80h, 17h, 1Fh, 10h, 40h
12CD 97 3E 06 80+ .db 0Dh
13A6 FF 24 07 F3+ .db 0FFh, 24h, 7, 0F3h, 26h, 4, 0C0h, 0F3h, 1Eh, 6, 0B0h
13A8 26 04 C0 F3+ .db 0EBh, 2Eh, 8, 3Ch, 3, 0C0h, 0, 0C0h, 10h, 0C0h, 0
13A8 1E 06 B0 EB+ .db 0DBh, 2Eh, 0Ah, 34h, 2, 20h, 2, 0FFh, 0, 0D7h, 1Fh
13A8 2E 08 3C 03+ .db 0Ch, 0C0h, 0D5h, 26h, 0Eh, 0D0h, 0D5h, 30h, 0FFh, 0CBh
13A8 C0 00 C0 10+ .db 2Eh, 10h, 1Ch, 3, 98h, 0, 80h, 2, 40h, 0, 0BBh, 2Eh
13A8 C0 00 DB 2E+ .db 12h, 1Ch, 1, 0FFh, 0, 0B6h, 1Eh, 14h, 0C0h, 0B6h, 26h
13A8 0A 34 02 20+ .db 16h, 0D0h, 0B4h, 30h, 0Fh, 0AAh, 1Fh, 18h, 0B0h, 0AAh
13A8 02 FF 00 D7+ .db 1Fh, 1Ah, 0A0h, 9Fh, 21h, 1Ch, 0A0h, 9Bh, 3, 8Bh, 1Dh
13A8 1F 0C C0 D5+ .db 4, 30h, 83h, 5, 77h, 2Dh, 6, 0C0h, 6Fh, 3Ah, 10h, 48h
13A8 26 0E D0 D5+ .db 6Bh, 38h, 12h, 60h, 6Bh, 38h, 14h, 30h, 67h, 38h, 16h
13A8 30 FF CB 2E+ .db 48h, 5Fh, 1Fh, 18h, 80h, 5Dh, 26h, 1Ah, 70h, 56h, 2Eh
13A8 10 1C 03 98+ .db 1Ch, 14h, 0Bh, 40h, 0, 38h, 4, 50h, 6, 38h, 4, 3Ch
13A8 00 80 02 40+ .db 8, 30h, 4, 20h, 0, 20h, 10h, 20h, 0, 20h, 10h, 20h
13A8 00 BB 2E 12+ .db 0, 55h, 26h, 1Eh, 70h, 4Fh, 26h, 4, 80h, 4Fh, 1Dh
13A8 1C 01 FF 00+ .db 6, 0D0h, 48h, 2Eh, 8, 0D8h, 3, 8, 0, 58h, 18h, 0FFh
13A8 B6 1E 14 C0+ .db 0, 41h, 2Eh, 0Ah, 48h, 2, 78h, 0, 0FFh, 8, 33h, 1Fh
13A8 B6 26 16 D0+ .db 0Ch, 70h, 27h, 26h, 0Eh, 70h, 25h, 26h, 10h, 90h, 23h
13A8 B4 30 0F AA+ .db 26h, 12h, 0B0h, 17h, 21h, 14h, 0C0h, 17h, 21h, 18h
13A8 1F 18 B0 AA+ .db 0A0h, 0Dh
1473 FF 22 08 F1+ .db 0FFh, 22h, 8, 0F1h, 1Fh, 4, 80h, 0EFh, 1Eh, 6, 80h
1473 1F 04 80 EF+ .db 0EDh, 22h, 3, 0CAh, 30h, 3Fh, 0C9h, 2Eh, 8, 70h, 6
1473 1E 06 80 ED+ .db 60h, 0Ch, 60h, 10h, 60h, 14h, 60h, 1Ch, 60h, 0, 60h
1473 22 03 CA 30+ .db 4, 0C6h, 2Eh, 0Ah, 58h, 6, 30h, 4, 60h, 0Ch, 60h, 10h
1473 3F C9 2E 08+ .db 60h, 14h, 60h, 1Ch, 60h, 0, 0C3h, 2Eh, 0Ch, 40h, 6
1473 70 06 60 1C+ .db 60h, 4, 60h, 0Ch, 60h, 10h, 60h, 14h, 60h, 1Ch, 60h
1473 60 10 60 40+ .db 0, 0C0h, 2Eh, 0Eh, 40h, 6, 30h, 0, 60h, 4, 60h, 0Ch
1473 60 1C 60 00+ .db 60h, 10h, 60h, 14h, 60h, 1Ch, 0Bdh, 2Eh, 10h, 40h
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1473 60 04 C6 2E+ .db 6, 60h, 0, 60h, 4, 60h, 0Ch, 60h, 10h, 60h, 14h, 60h
1473 0A 58 06 30+ .db 1Ch, 0BAh, 2Eh, 12h, 58h, 7, 30h, 1Ch, 60h, 0, 60h
1473 04 60 0C 60+ .db 4, 60h, 0Ch, 60h, 10h, 60h, 14h, 60h, 1Ch, 0A7h, 2Fh
1473 10 60 14 60+ .db 7, 0A1h, 1Eh, 14h, 70h, 9Fh, 26h, 16h, 60h, 9Eh, 22h
1473 1C 60 00 C3+ .db 2, 9Dh, 1Fh, 18h, 50h, 9Bh, 1Eh, 1Ah, 40h, 83h, 10h
1473 2E 0C 40 06+ .db 74h, 81h, 26h, 1Ch, 40h, 7Bh, 1Dh, 1Eh, 0D8h, 6Ch
1473 60 04 60 0C+ .db 23h, 6Bh, 1Eh, 4, 0B0h, 6Bh, 1Fh, 6, 80h, 6Bh, 1Eh
1473 60 10 60 14+ .db 8, 50h, 6Bh, 1Fh, 0Ah, 20h, 66h, 54h, 0, 4Fh, 22h
1473 60 1C 60 00+ .db 10h, 36h, 1Fh, 0Ch, 48h, 36h, 1Fh, 0Eh, 20h, 2Bh, 3Bh
1473 0C 2E 0E 40+ .db 10h, 0C0h, 27h, 3Ch, 12h, 0A0h, 17h, 11h, 76h, 11h
1473 60 30 00 60+ .db 1Dh, 14h, 20h, 0Fh, 23h, 0Dh
153F F3 03 F3 30+byte_0_153F: .db 0F3h, 3, 0F3h, 30h, 0FFh, 0F3h, 57h, 0EEh, 2Eh, 4
153F FF F3 F7 EE+ .db 14h, 5, 8, 0, 0A0h, 8, 30h, 0Ch, 0FFh, 10h, 0FFh, 0
153F 2E 04 14 05+ .db 0EAh, 5, 0E5h, 26h, 6, 30h, 0E5h, 26h, 8, 0C8h, 0E2h
153F 08 00 A0 08+ .db 1Fh, 0Ah, 48h, 0E2h, 1Fh, 0Ch, 0B0h, 0DFh, 26h, 0Eh
153F 30 0C FF 10+ .db 60h, 0DFh, 26h, 10h, 98h, 0CCh, 1Eh, 12h, 40h, 0C8h
153F FF 00 EA 05+ .db 26h, 14h, 60h, 0C8h, 26h, 16h, 20h, 0C7h, 21h, 18h
153F E5 26 06 30+ .db 48h, 0C3h, 1Eh, 1Ch, 40h, 0BBh, 57h, 0B3h, 1Fh, 1Eh
153F E5 26 08 C8+ .db 48h, 0A8h, 3, 0A5h, 2Eh, 4, 0A0h, 2, 0B0h, 2, 80h
153F E2 1F 0A 48+ .db 0, 0A5h, 2Eh, 6, 74h, 4, 78h, 0, 50h, 18h, 50h, 8
153F E2 1F 0C B0+ .db 80h, 0, 0A5h, 2Eh, 8, 14h, 4, 78h, 0, 50h, 8, 50h
153F DF 26 0E 60+ .db 18h, 80h, 0, 9Bh, 5, 93h, 2Eh, 0Ah, 7Ch, 5, 0A0h, 0
153F DF 26 10 98+ .db 0F0h, 10h, 30h, 0Fh, 30h, 1Fh, 80h, 0, 93h, 1Fh, 0Ch
153F CC 1E 12 40+ .db 50h, 93h, 26h, 0Eh, 40h, 93h, 2Eh, 10h, 14h, 3, 0ACh
153F C8 26 14 60+ .db 0, 0FFh, 10h, 80h, 0, 83h, 3, 7Fh, 2Eh, 12h, 84h, 7
153F C8 26 16 20+ .db 50h, 0, 0C0h, 10h, 50h, 10h, 28h, 0Bh, 50h, 10h, 70h
153F C7 21 18 48+ .db 0Ch, 60h, 0Dh, 77h, 1Dh, 14h, 0D0h, 73h, 5, 73h, 26h
153F C3 1E 1C 40+ .db 4, 58h, 73h, 1Fh, 6, 48h, 6Dh, 2Eh, 16h, 14h, 1, 80h
153F BB 57 B3 1F+ .db 0, 6Ah, 2Eh, 18h, 14h, 1, 80h, 0, 67h, 2Eh, 1Ah, 14h
153F 1E 48 A8 03+ .db 1, 80h, 0, 64h, 35h, 1Ch, 14h, 61h, 35h, 1Eh, 14h
153F A5 2E 04 A0+ .db 47h, 2Eh, 8, 80h, 6, 8, 0, 58h, 8, 60h, 0, 60h, 2
153F 02 B0 02 80+ .db 80h, 0, 60h, 4, 47h, 2Eh, 0Ah, 68h, 8, 8, 0, 88h, 8
153F 00 A5 2E 06+ .db 60h, 0, 60h, 1Ch, 38h, 0, 18h, 12h, 0A8h, 14h, 80h
153F 74 04 78 00+ .db 0, 47h, 2Eh, 0Ch, 50h, 3, 8, 0, 78h, 18h, 80h, 0, 37h
153F 50 18 50 08+ .db 1Bh, 0Eh, 0B8h, 37h, 1Bh, 10h, 48h, 27h, 2Eh, 12h
153F 80 00 A5 2E+ .db 50h, 2, 68h, 4, 0E0h, 8, 24h, 2Eh, 14h, 38h, 2, 98h
153F 08 14 04 78+ .db 4, 0E0h, 8, 21h, 2Eh, 16h, 20h, 2, 0C8h, 4, 0E0h, 8
153F 00 50 08 50+ .db 1Fh, 2Eh, 18h, 90h, 3, 8, 1Ch, 0E0h, 0, 0D0h, 8, 1Ch
153F 18 80 00 9B+ .db 2Eh, 1Ah, 0A8h, 3, 38h, 1Ch, 0E0h, 0, 0D0h, 8, 19h
153F 05 93 2E 0A+ .db 2Eh, 1Ch, 0C0h, 3, 68h, 1Ch, 0E0h, 0, 0D0h, 8, 19h
153F 7C 05 A0 00+ .db 1Fh, 1Eh, 88h, 19h, 1Fh, 4, 68h, 19h, 1Fh, 6, 48h
153F F0 10 30 0F+ .db 13h, 1Bh, 8, 88h, 13h, 1Bh, 0Ch, 48h, 0Dh
169C FB 02 1F F5+ .db 0FBh, 2, 1Fh, 0F5h, 1Dh, 10h, 0A0h, 0F3h, 1Dh, 12h
169C 1D 10 A0 F3+ .db 80h, 0F1h, 1Dh, 14h, 60h, 0EFh, 1Dh, 16h, 40h, 0EBh
169C 1D 12 80 F1+ .db 5, 0E3h, 2, 38h, 0D5h, 21h, 18h, 50h, 0D3h, 5, 0D1h
169C 1D 14 60 EF+ .db 57h, 0CFh, 3, 0C7h, 3, 0C3h, 2, 6Fh, 0BFh, 5, 0B3h
169C 1D 16 40 EB+ .db 33h, 9Fh, 34h, 87h, 18h, 76h, 85h, 4Eh, 0Fh, 83h, 4Ch
169C 05 E3 02 38+ .db 73h, 2, 45h, 63h, 5, 63h, 57h, 5Bh, 2, 65h, 4Bh, 5
169C D5 21 18 50+ .db 3Fh, 3, 2Fh, 3, 20h, 4Dh, 1Fh, 3, 10h, 5, 0Dh
16E8 FF 03 FF 30+ .db 0FFh, 3, 0FFh, 30h, 3Fh, 0F7h, 5, 0F3h, 57h, 0EFh
16E8 3F 07 05 F3+ .db 3, 0E3h, 5, 0DBh, 3, 0CFh, 5, 0C6h, 2Eh, 1Ch, 0D8h
16E8 57 EF 03 E3+ .db 8, 60h, 14h, 60h, 4, 60h, 14h, 60h, 4, 60h, 14h, 60h
16E8 05 DB 03 CF+ .db 4, 60h, 14h, 60h, 4, 0C6h, 2Eh, 1Eh, 98h, 8, 60h, 10h
16E8 05 C6 2E 1C+ .db 60h, 0, 60h, 10h, 60h, 0, 60h, 10h, 60h, 0, 60h, 10h
16E8 D8 08 60 14+ .db 60h, 0, 0C6h, 2Eh, 4, 58h, 8, 60h, 0Ch, 60h, 1Ch, 60h
16E8 60 04 60 14+ .db 0Ch, 60h, 1Ch, 60h, 0Ch, 60h, 1Ch, 60h, 0Ch, 60h, 1Ch
16E8 60 04 60 14+ .db 0BEh, 2Eh, 6, 0B8h, 8, 40h, 8, 60h, 18h, 60h, 8, 60h
16E8 60 04 60 14+ .db 18h, 60h, 8, 60h, 18h, 60h, 8, 60h, 18h, 0BEh, 2Eh
16E8 60 04 C6 2E+ .db 8, 78h, 8, 40h, 18h, 60h, 8, 60h, 18h, 60h, 8, 60h
16E8 1E 98 08 60+ .db 18h, 60h, 8, 60h, 18h, 60h, 8, 0B8h, 2Eh, 0Ah, 0C8h
16E8 10 60 00 60+ .db 7, 40h, 1Ch, 60h, 0Ch, 60h, 1Ch, 60h, 0Ch, 60h, 1Ch
16E8 10 60 00 60+ .db 60h, 0Ch, 60h, 1Ch, 0B8h, 2Eh, 0Ch, 98h, 7, 40h, 0
16E8 10 60 00 60+ .db 60h, 10h, 60h, 0, 60h, 10h, 60h, 0, 60h, 10h, 60h
16E8 10 60 00 C6+ .db 0, 0B8h, 2Eh, 0Eh, 68h, 7, 40h, 4, 60h, 14h, 60h, 4
16E8 2E 04 58 08+ .db 60h, 14h, 60h, 4, 60h, 14h, 60h, 4, 0A9h, 1Eh, 10h
16E8 60 0C 60 1C+ .db 0B0h, 0A9h, 1Eh, 12h, 90h, 0A7h, 1Eh, 14h, 0A0h, 0A5h
16E8 60 0C 60 1C+ .db 1Eh, 16h, 0B0h, 0A5h, 1Eh, 18h, 90h, 9Bh, 18h, 76h
16E8 60 0C 60 1C+ .db 91h, 1Fh, 1Ah, 40h, 8Fh, 1Fh, 1Ch, 40h, 8Bh, 18h, 76h
16E8 60 0C 60 1C+ .db 87h, 1Eh, 1Eh, 50h, 87h, 1Eh, 4, 40h, 7Bh, 18h, 76h
16E8 BE 2E 06 B8+ .db 6Fh, 1Fh, 6, 0C0h, 6Fh, 1Eh, 8, 0A0h, 6Fh, 1Fh, 0Ah
16E8 08 40 08 60+ .db 80h, 64h, 2Eh, 0Ch, 98h, 10h, 80h, 18h, 80h, 10h, 80h
16E8 18 60 08 60+ .db 9, 20h, 0Ch, 40h, 18h, 20h, 1Ah, 10h, 18h, 28h, 10h
16E8 18 60 08 60+ .db 10h, 8, 20h, 6, 48h, 8, 18h, 0Ch, 70h, 18h, 0A0h, 13h
16E8 18 60 08 60+ .db 98h, 8, 80h, 4, 47h, 1Dh, 0Eh, 0C0h, 47h, 1Dh, 10h
16E8 18 BE 2E 08+ .db 0A0h, 47h, 1Dh, 12h, 80h, 47h, 1Dh, 14h, 60h, 43h
16E8 78 08 40 18+ .db 1Dh, 16h, 0C0h, 43h, 1Dh, 18h, 0A0h, 43h, 1Dh, 1Ah
16E8 60 08 60 18+ .db 80h, 43h, 1Dh, 1Ch, 60h, 36h, 1Eh, 1Eh, 80h, 36h, 26h
16E8 60 08 60 18+ .db 4, 60h, 36h, 1Eh, 6, 40h, 2Bh, 1Fh, 8, 50h, 21h, 20h
16E8 60 08 B8 2E+ .db 0Ah, 80h, 1Bh, 20h, 0Eh, 80h, 19h, 1Bh, 12h, 0D0h
16E8 0A C8 07 40+ .db 19h, 1Bh, 14h, 20h, 13h, 1Bh, 16h, 0D0h, 13h, 1Bh
1842 FB 11 74 F3+ .db 18h, 20h, 0Dh
1842 22 08 E9 2D+ .db 0FBh, 11h, 74h, 0F3h, 22h, 8, 0E9h, 2Dh, 4, 60h, 0E6h
1842 04 60 E6 22+ .db 22h, 8, 0E4h, 2Eh, 0Eh, 9Ch, 1, 80h, 0, 0DCh, 2Eh
1842 08 E4 2E 0E+ .db 10h, 2Ch, 2, 0F8h, 0, 40h, 1Ch, 0CBh, 26h, 12h, 0B0h
1842 9C 01 80 00+ .db 0CBh, 1Fh, 14h, 0A0h, 0CBh, 2Eh, 16h, 2Ch, 7, 70h
1842 DC 2E 10 2C+ .db 0, 0E8h, 10h, 20h, 12h, 0B8h, 10h, 0B8h, 0, 20h, 2
1842 02 F8 00 40+ .db 20h, 0, 0C3h, 23h, 0C3h, 35h, 18h, 7Ch, 0BFh, 35h
1842 1C CB 26 12+ .db 1Ah, 7Ch, 0BBh, 35h, 1Ch, 7Ch, 0B7h, 39h, 1Eh, 7Ch
1842 B0 CB 1F 14+ .db 0AFh, 3Bh, 4, 24h, 0A7h, 3Bh, 6, 24h, 0A3h, 22h, 0Ch
1842 A0 CB 2E 16+ .db 9Bh, 3, 8Bh, 5, 8Bh, 1Dh, 8, 70h, 84h, 1Dh, 0Ah, 70h
1842 2C 07 70 00+ .db 84h, 2Dh, 4, 77h, 2Eh, 0Ch, 34h, 9, 60h, 0, 0A0h, 10h
1842 E8 10 20 12+ .db 28h, 0Dh, 50h, 10h, 70h, 0Ch, 60h, 0Dh, 40h, 6, 30h
1842 B8 10 B8 00+ .db 4, 20h, 8, 75h, 1Fh, 0Eh, 60h, 73h, 1Eh, 10h, 70h
1842 20 02 20 00+ .db 73h, 23h, 71h, 1Fh, 12h, 80h, 6Fh, 1Eh, 14h, 90h, 6Dh
1842 C3 23 C3 35+ .db 1Fh, 16h, 0A0h, 6Bh, 1Eh, 18h, 0B0h, 69h, 1Fh, 1Ah
1842 18 7C BF 35+ .db 0C0h, 67h, 1Eh, 1Ch, 0D0h, 67h, 57h, 63h, 3, 63h, 3
1842 1A 7C BB 35+ .db 53h, 22h, 10h, 43h, 3, 3Bh, 5, 2Bh, 2Eh, 1Eh, 0E0h
1842 1C 7C B7 39+ .db 5, 8, 0, 60h, 18h, 20h, 1Ch, 0D8h, 18h, 20h, 14h, 27h
1842 1E 7C AF 3B+ .db 21h, 4, 68h, 23h, 23h, 1Eh, 1Dh, 8, 20h, 1Dh, 1Fh
1842 04 24 A7 3B+ .db 0Ah, 0D0h, 1Dh, 1Fh, 0Ch, 0A0h, 1Bh, 1Dh, 0Eh, 38h
1842 06 24 A3 22+ .db 18h, 1Dh, 10h, 50h, 17h, 1Eh, 12h, 0D0h, 17h, 1Eh
1924 FF 30 0F FF+ .db 14h, 0A0h, 15h, 1Dh, 16h, 68h, 13h, 23h, 0Dh
1924 29 0F FF 2B+ .db 0FFh, 30h, 0Fh, 0FFh, 29h, 0Fh, 0FFh, 2Bh, 3, 0FFh
1924 03 FF 2A 03+ .db 2Ah, 3, 0F3h, 57h, 0EEh, 2Eh, 4, 14h, 9, 8, 0, 0A0h
1924 F3 57 EE 2E+ .db 8, 30h, 0Ch, 48h, 10h, 30h, 0, 50h, 10h, 68h, 0, 30h
1924 04 14 09 08+ .db 1Ch, 20h, 18h, 0E5h, 1Bh, 6, 0C0h, 0E5h, 1Fh, 8, 0B0h
1924 00 A0 08 30+ .db 0E5h, 1Fh, 0Ah, 48h, 0E5h, 1Bh, 0Ch, 38h, 0E3h, 1Fh
1924 0C 48 10 30+ .db 0Eh, 0C0h, 0E3h, 1Bh, 10h, 0B0h, 0E3h, 1Bh, 12h, 48h
1924 00 50 10 68+ .db 0E3h, 1Fh, 14h, 38h, 0DCh, 2Eh, 16h, 7Ch, 4, 8, 10h
1924 00 30 1C 20+ .db 78h, 0, 50h, 10h, 40h, 0, 0C9h, 35h, 18h, 48h, 0C9h
1924 18 E5 1B 06+ .db 35h, 1Ah, 38h, 0C7h, 35h, 1Ch, 48h, 0C7h, 35h, 1Eh
1924 C0 E5 1F 08+ .db 38h, 0BDh, 1Eh, 4, 0B0h, 0BBh, 1Eh, 6, 0B0h, 0BBh
1924 B0 E5 1F 0A+ .db 1Eh, 8, 90h, 0B9h, 1Eh, 0Ah, 90h, 0B3h, 2Eh, 0Ch, 0CCh
1924 48 E5 1B 0C+ .db 1, 20h, 0, 0A7h, 2Eh, 0Eh, 74h, 4, 58h, 0, 0A0h, 18h
1924 38 E3 1F 0E+ .db 0A0h, 8, 20h, 0, 0A3h, 2Eh, 10h, 14h, 1, 20h, 0, 0A3h
57h, 0A1h, 2Eh, 12h, 14h, 1, 20h, 0, 97h, 3, 93h, 2Eh
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1924 C0 E3 1B 10+ .db 14h, 7Ch, 2, 98h, 0, 20h, 2, 8Dh, 1Dh, 16h, 0E0h, 8Dh
1924 B0 E3 1B 12+ .db 1Dh, 18h, 0D0h, 8Bh, 1Dh, 1Ah, 0E0h, 8Bh, 1Dh, 1Ch
1924 48 E3 1F 14+ .db 0D0h, 87h, 5, 83h, 3, 77h, 1Eh, 1Eh, 60h, 77h, 1Fh
1924 38 0C 2E 16+ .db 4, 50h, 73h, 5, 73h, 2Eh, 6, 14h, 4, 70h, 0, 0E0h
1924 7C 04 08 10+ .db 10h, 0A0h, 10h, 20h, 0, 6Fh, 1Fh, 8, 60h, 6Fh, 1Eh
1924 78 00 50 10+ .db 0Ah, 50h, 6Bh, 3, 5Bh, 5, 55h, 1Bh, 0Ch, 0A8h, 47h
1924 40 00 C9 35+ .db 2Eh, 0Eh, 78h, 3, 8, 0, 0C8h, 18h, 20h, 0, 47h, 2Eh
1924 18 48 C9 35+ .db 10h, 90h, 3, 8, 0, 0F8h, 18h, 20h, 0, 47h, 2Eh, 12h
1924 1A 38 C7 35+ .db 0A8h, 4, 8, 0, 0E0h, 18h, 48h, 18h, 20h, 0, 37h, 1Fh
1924 1C 48 C7 35+ .db 14h, 0C0h, 37h, 1Fh, 16h, 0B0h, 30h, 1Bh, 18h, 68h
1924 1E 38 BD 1E+ .db 2Eh, 1Bh, 1Ah, 58h, 2Ch, 1Bh, 1Ch, 48h, 2Ah, 1Bh, 1Eh
1924 04 B0 BB 1E+ .db 38h, 27h, 36h, 4, 14h, 23h, 36h, 6, 14h, 1Fh, 36h
1924 06 B0 BB 1E+ .db 8, 14h, 1Bh, 39h, 0Ah, 14h, 18h, 2Eh, 0Ch, 88h, 8
1924 08 90 B9 1E+ .db 40h, 0, 80h, 18h, 80h, 10h, 80h, 8, 80h, 0, 80h, 18h
1924 0A 90 B3 2E+ .db 80h, 10h, 80h, 8, 18h, 2Eh, 0Eh, 48h, 8, 40h, 10h
1924 0C CC 01 20+ .db 80h, 8, 80h, 0, 80h, 18h, 80h, 10h, 80h, 8, 80h, 0
1924 00 A7 2E 0E+ .db 80h, 18h, 17h, 21h, 10h, 70h, 0Dh
1A7A F7 1B 14 20+ .db 0F7h, 1Bh, 14h, 20h, 0F3h, 1Bh, 16h, 0A0h, 0F3h, 1Bh
1A7A F3 1B 16 A0+ .db 18h, 70h, 0EDh, 1Fh, 1Ah, 0A0h, 0EBh, 1Fh, 1Ch, 90h
1A7A F3 1B 18 70+ .db 0E9h, 1Fh, 1Eh, 80h, 0E7h, 1Fh, 4, 70h, 0E3h, 57h
1A7A ED 1F 1A A0+ .db 0DFh, 1Bh, 6, 0C0h, 0D9h, 1Bh, 8, 0C0h, 0D3h, 3, 0BBh
1A7A EB 1F 1C 90+ .db 5, 0B1h, 21h, 0Ah, 0B0h, 0B1h, 21h, 0Eh, 50h, 0ABh
1A7A E9 1F 1E 80+ .db 3, 0A1h, 3Eh, 12h, 90h, 9Dh, 3Eh, 14h, 70h, 99h, 40h
1A7A E7 1F 04 70+ .db 16h, 50h, 95h, 3Eh, 18h, 30h, 93h, 5, 8Dh, 40h, 1Ah
1A7A E3 57 DF 1B+ .db 50h, 89h, 3Eh, 1Ch, 70h, 85h, 3Eh, 1Eh, 90h, 81h, 3Eh
1A7A 06 C0 D9 1B+ .db 4, 0B0h, 7Bh, 3, 71h, 1Fh, 6, 0D0h, 6Fh, 26h, 8, 0C0h
1A7A 08 C0 D3 03+ .db 6Dh, 1Fh, 0Ah, 0B0h, 6Bh, 26h, 0Ch, 0A0h, 69h, 1Fh
1A7A BB 05 B1 21+ .db 0Eh, 90h, 63h, 5, 5Fh, 57h, 5Bh, 2, 0ECh, 43h, 5, 40h
1A7A 0A B0 B1 21+ .db 1Dh, 10h, 30h, 40h, 1Dh, 12h, 20h, 3Bh, 3, 36h, 1Bh
1A7A 0E 50 AB 03+ .db 14h, 0C0h, 25h, 2Eh, 16h, 0E0h, 2, 0C0h, 18h, 0C0h
1A7A A1 3E 12 90+ .db 8, 25h, 2Eh, 18h, 10h, 2, 0C0h, 8, 0C0h, 18h, 23h
1A7A 9D 3E 14 70+ .db 2Eh, 1Ah, 0D0h, 2, 0A0h, 18h, 0A0h, 8, 23h, 2Eh, 1Ch
1A7A 99 40 16 50+ .db 20h, 2, 0A0h, 8, 0A0h, 18h, 23h, 5, 1Bh, 2, 0E6h, 0Eh
1A7A 95 3E 18 30+ .db 5, 0Dh
1B29 FF 02 6D F7+ .db 0FFh, 2, 6Dh, 0F7h, 5, 0F3h, 22h, 2, 0E7h, 23h, 0E7h
1B29 05 F3 22 02+ .db 4Eh, 0Fh, 0E7h, 2, 0F1h, 0E3h, 4Ch, 0DFh, 5, 0DBh
1B29 E7 23 E7 4E+ .db 2, 34h, 0D5h, 5, 0CBh, 2, 49h, 0C5h, 5, 0BBh, 2, 3Eh
1B29 0F E7 02 F1+ .db 0BBh, 4Dh, 0ABh, 5, 0A1h, 33h, 8Fh, 34h, 7Fh, 2, 46h
1B29 E3 4C DF 05+ .db 77h, 5, 73h, 18h, 76h, 67h, 4Ch, 67h, 2, 66h, 65h
1B29 DB 02 34 D5+ .db 5, 5Bh, 2, 21h, 55h, 5, 4Bh, 3, 3Bh, 5, 37h, 57h, 33h
1B29 05 CB 02 49+ .db 4Dh, 33h, 3, 23h, 5, 1Bh, 3, 1Fh, 5, 0Dh
1B77 FF 02 08 F3+ .db 0FFh, 2, 8, 0F3h, 5, 0EFh, 2Eh, 4, 3Ch, 5, 80h, 0
1B77 05 EF 2E 04+ .db 80h, 10h, 70h, 0, 70h, 10h, 70h, 0, 0EEh, 1Dh, 6, 0D0h
1B77 3C 05 80 00+ .db 0EEh, 26h, 8, 80h, 0E6h, 2Eh, 0Ah, 3Ch, 3, 70h, 0
1B77 80 10 70 00+ .db 70h, 10h, 70h, 0, 0E5h, 1Fh, 0Ch, 80h, 0DEh, 2Eh, 0Eh
1B77 70 10 70 00+ .db 3Ch, 3, 60h, 0, 60h, 10h, 60h, 0, 0D7h, 1Fh, 10h, 0C0h
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1B77 E6 2E 0A 3C+ .db 26h, 16h, 50h, 0CDh, 2Eh, 18h, 1Ch, 4, 40h, 0, 0A0h
1B77 03 70 00 70+ .db 10h, 0D8h, 0, 20h, 2, 0C6h, 1Fh, 4, 50h, 0C2h, 2Eh
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1B77 1F 14 D0 D2+ .db 1Ch, 50h, 0Ch, 50h, 1Ch, 50h, 0Ch, 50h, 1Ch, 6Bh, 2Eh
1B77 26 16 50 CD+ .db 1Ch, 20h, 9, 40h, 4, 50h, 14h, 50h, 4, 50h, 14h, 50h
1B77 2E 18 1C 04+ .db 4, 50h, 14h, 50h, 4, 50h, 14h, 50h, 4, 61h, 2Eh, 1Eh
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1B77 D8 00 20 02+ .db 16h, 60h, 1Eh, 20h, 1Ch, 5Fh, 1Fh, 4, 80h, 5Bh, 26h
1B77 C6 1F 04 50+ .db 6, 60h, 5Bh, 1Dh, 8, 20h, 57h, 1Fh, 0Ah, 40h, 4Eh
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1B77 03 A9 1D 0C+ .db 0C0h, 13h, 3Bh, 0Eh, 24h, 0Fh, 5, 0Dh
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1CF0 F3 1D 14 20+ .db 2Eh, 16h, 9Ch, 3, 40h, 0, 38h, 1Ch, 40h, 18h, 0E5h
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1CF0 2E 06 24 03+ .db 3Ch, 1Ah, 70h, 0B7h, 3Bh, 1Ch, 50h, 0B3h, 3, 0A3h
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