



```
$0800      .byte $00,$00,$00,$C2,$07,$9E,$32
$0807 30 38  BMI L_BRS_($0841)_($0807) BAD
$0809 38     SEC
$080A 20 A9 34 JSR L_JSR_($34A9)_($080A) JAM
$080D 85 01  STA $01
$080F 4C 00 ED JMP $ED00
$0812 41 A9   EOR ($A9,X)
$0814      .byte $37
$0815 85 01  STA $01
$0817 4C 00 80 JMP L_JMP_($8000)_($0817) BAD
$081A      .byte $00,$00,$00
$081D 78     SEI
$081E A9 34  LDA #$34
$0820 85 01  STA $01
$0822 4C 00 00 JMP $0000
$0825 20 20 20 JSR $2020
$0828 78     SEI
$0829 A9 34  LDA #$34
$082B 85 01  STA $01
$082D A0 00  LDY #$00
```

```

$082F C6 A9  DEC $A9
$0831 41 8D  EOR ($8D,X)
$0833      .byte $4F
$0834 08    PHP
$0835 60    RTS
//-----
$0836      .byte $00,$00,$00,$00,$00,$00,$00,$00
$083E      .byte $00,$00
//-----
L_BRS_($0841)_($0807) BAD
L_JSR_($0840)_($085A) OK
//-----
$0840 EE 4F 08  INC $084F
$0843 60    RTS
//-----
$0844      .byte $00,$00,$00,$00,$00,$00,$00,$00
$084C      .byte $00,$00,$00
//-----
L_JSR_($0850)_($9A4A) BAD
//-----
$084F 41 C9  EOR ($C9,X)
$0851 01 D0  ORA ($D0,X)
$0853 06 20  ASL $20
$0855 30 08  BMI L_BRS_($085F)_($0855) BAD
$0857 4C 5D 08  JMP L_JMP_($085D)_($0857) OK
$085A 20 40 08  JSR L_JSR_($0840)_($085A) OK
//-----
L_JMP_($085D)_($0857) OK
//-----

```

```
$085D 78    SEI
//-----
L_BRS_($085F)_($0855) BAD
//-----
$085E A5 01  LDA $01
$0860 48    PHA
$0861 A9 37  LDA #37
$0863 85 01  STA $01
$0865 AD 14 03 LDA $0314
$0868 48    PHA
$0869 AD 15 03 LDA $0315
$086C 48    PHA
$086D A9 EA  LDA #$EA
$086F 8D 15 03 STA $0315
$0872 A9 31  LDA #31
$0874 8D 14 03 STA $0314
$0877 AD 19 D0 LDA $D019
$087A 48    PHA
$087B AD 1A D0 LDA $D01A
$087E 48    PHA
$087F A9 0F  LDA #$0F
$0881 8D 19 D0 STA $D019
$0884 A9 00  LDA #$00
$0886 8D 1A D0 STA $D01A
$0889 A2 00  LDX #$00
//-----
L_BRS_($088B)_($0897) OK
//-----
$088B B5 90  LDA $90,X
```

```
$088D 9D 00 09 STA $0900,X
$0890 A9 00 LDA #$00
$0892 95 90 STA $90,X
$0894 E8 INX
$0895 E0 20 CPX #$20
$0897 D0 F2 BNE L_BRS_($088B)_($0897) OK
$0899 58 CLI
$089A A2 08 LDX #$08
$089C A0 01 LDY #$01
$089E 20 BA FF JSR $FFBA
$08A1 A9 01 LDA #$01
$08A3 A2 4F LDX #$4F
$08A5 A0 08 LDY #$08
$08A7 20 BD FF JSR $FFBD
//-----
L_JSR_($08AB)_($1067) BAD
//-----
$08AA A9 00 LDA #$00
$08AC 20 D5 FF JSR $FFD5
$08AF 68 PLA
$08B0 8D 1A D0 STA $D01A
$08B3 68 PLA
$08B4 8D 19 D0 STA $D019
$08B7 68 PLA
$08B8 8D 15 03 STA $0315
$08BB 68 PLA
$08BC 8D 14 03 STA $0314
$08BF 68 PLA
$08C0 85 01 STA $01
```

```

$08C2 A2 00 LDX #$00
//-----
L_BRS_($08C4)_($08CC) OK
//-----
$08C4 BD 00 09 LDA $0900,X
$08C7 95 90 STA $90,X
$08C9 E8 INX
$08CA E0 20 CPX #$20
$08CC D0 F6 BNE L_BRS_($08C4)_($08CC) OK
$08CE 58 CLI
$08CF 60 RTS
//-----
$08D0 .byte $00,$00,$00,$00,$00,$00,$00,$00
$08D8 .byte $00,$00,$00,$00,$00,$00,$00,$00
$08E0 .byte $00,$00,$00,$00,$00,$00,$00,$00
$08E8 .byte $00,$00,$00,$00,$00,$00,$00,$00
$08F0 .byte $00,$00,$00,$00,$00,$00,$00,$00
$08F8 .byte $00,$00,$00,$00,$00,$00,$00,$00
$0900 40 RTI
//-----
$0901 .byte $FF,$00,$00,$00
$0905 30 00 BMI L_BRS_($0907)_($0905) JAM
//-----
L_BRS_($0907)_($0905) JAM
//-----
$0907 .byte $00,$00,$00,$03,$00,$00,$00,$00
$090F .byte $00,$00
$0911 09 7F ORA #$7F
$0913 55 00 EOR $00,X

```

\$0915 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$091C 01 08 ORA (\$08,X)
\$091E .byte \$00
\$091F 16 00 ASL \$00,X
\$0921 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0929 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0931 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0939 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0941 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0949 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0951 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0959 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0961 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0969 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0971 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0979 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0981 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0989 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0991 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0999 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$09A1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$09A9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$09B1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$09B9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$09C1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$09C9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$09D1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$09D9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$09E1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

```

$09E9      .byte $00,$00,$00,$00,$00,$00,$00,$00
$09F1      .byte $00,$00,$00,$00,$00,$00,$00,$00
$09F9      .byte $00,$00,$00,$00,$00,$00,$00,$4F
$0A01 08   PHP
$0A02 01 0F   ORA ($0F,X)
$0A04 E6 E1   INC $E1
$0A06 9D ED FB STA $FBED,X
$0A09 19 F3 E5 ORA $E5F3,Y
$0A0C 99 F9 FB STA $FBF9,Y
$0A0F 19 46 43 ORA $4346,Y
$0A12 81 A0   STA ($A0,X)
$0A14      .byte $13,$82
$0A16 16 80   ASL $80,X
$0A18 40     RTI
//-----
$0A19      .byte $04,$80
$0A1B 21 83   AND ($83,X)
$0A1D 15 8A   ORA $8A,X
$0A1F 36 86   ROL $86,X
$0A21 40     RTI
//-----
$0A22      .byte $04
$0A23 8A     TXA
$0A24 21 8D   AND ($8D,X)
$0A26 40     RTI
//-----
$0A27      .byte $04,$80
$0A29 21 8D   AND ($8D,X)
$0A2B      .byte $22

```

```

$0A2C 86 1F STX $1F
$0A2E .byte $80
$0A2F 40 RTI
//-----
$0A30 .byte $04
$0A31 99 40 04 STA $0440,Y
$0A34 .byte $87,$13
$0A36 90 40 BCC L_BRS_($0A78)_($0A36) JAM
$0A38 .byte $04,$FF,$FF,$FF,$FF,$E2,$13
$0A3F C8 INY
$0A40 .byte $13,$A7,$3F,$83
$0A44 20 81 20 JSR L_JSR_($2081)_($0A44) OK
$0A47 .byte $83
$0A48 20 BB 13 JSR L_JSR_($13BB)_($0A48) OK
$0A4B .byte $87,$22
$0A4D 85 22 STA $22
$0A4F .byte $00,$00,$00,$00,$00,$00,$00,$00
$0A57 .byte $00,$00,$00,$00,$00,$00,$00,$00
$0A5F .byte $00,$00,$00,$00,$00,$00,$00,$00
$0A67 .byte $00,$00,$00,$00,$00,$00,$00,$00
$0A6F .byte $00,$00,$00,$00,$00,$00,$00,$00
//-----
L_BRS_($0A78)_($0A36) JAM
//-----
$0A77 .byte $00,$00,$00,$00,$00,$00,$00,$00
$0A7F .byte $00,$00,$00,$00,$00,$00,$00,$00
$0A87 .byte $00,$00,$00,$00,$00,$00,$00,$00
$0A8F .byte $00,$00,$00,$00,$00,$00,$00,$00
$0A97 .byte $00,$00,$00,$00,$00,$00,$00,$00

```


\$0A9F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0AA7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0AAF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0AB7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0ABF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0AC7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0ACF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0AD7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0ADF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0AE7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0AEF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0AF7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0AFF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B07 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B0F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B17 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B1F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B27 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B2F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B37 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B3F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B47 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B4F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B57 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B5F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B67 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B6F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B77 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B7F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$0B87 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B8F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B97 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0B9F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0BA7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0BAF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0BB7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0BBF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0BC7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0BCF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0BD7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0BDF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0BE7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0BEF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0BF7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0BFF .byte \$00,\$0F
\$0C01 0A ASL A
\$0C02 0A ASL A
\$0C03 0A ASL A
\$0C04 0A ASL A
\$0C05 0A ASL A
\$0C06 .byte \$0F
\$0C07 0A ASL A
\$0C08 0A ASL A
\$0C09 0A ASL A
\$0C0A 0A ASL A
\$0C0B 0A ASL A
\$0C0C 0A ASL A
\$0C0D 0E 0A 0A ASL \$0A0A

```
$0C10 0A ASL A
$0C11 0A ASL A
$0C12 0A ASL A
$0C13 .byte $0B
$0C14 0A ASL A
$0C15 0A ASL A
$0C16 0A ASL A
$0C17 0A ASL A
$0C18 0A ASL A
$0C19 0E 0A 0A ASL $0A0A
$0C1C 0A ASL A
$0C1D 0A ASL A
$0C1E 0A ASL A
$0C1F 0A ASL A
$0C20 05 00 ORA $00
$0C22 .byte $00,$00,$00,$00
$0C26 05 00 ORA $00
$0C28 .byte $00,$00,$00,$00,$00
$0C2D 05 21 ORA $21
$0C2F .byte $00,$00,$00,$00
$0C33 15 00 ORA $00,X
$0C35 .byte $00,$00,$00,$00
$0C39 05 00 ORA $00
$0C3B .byte $00,$00,$00,$00
$0C3F 36 05 ROL $05,X
$0C41 .byte $00,$00,$00,$00,$00
$0C46 01 00 ORA ($00,X)
$0C48 .byte $00,$00,$00,$00,$00
$0C4D 05 00 ORA $00
```

\$0C4F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0C57 .byte \$00
\$0C58 21 05 AND (\$05,X)
\$0C5A .byte \$00,\$00,\$00,\$00,\$00,\$00
\$0C60 05 00 ORA \$00
\$0C62 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0C6A .byte \$00,\$00,\$00
\$0C6D 05 21 ORA \$21
\$0C6F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0C77 .byte \$00,\$00
\$0C79 05 00 ORA \$00
\$0C7B .byte \$00,\$00,\$22,\$00,\$00
\$0C80 05 00 ORA \$00
\$0C82 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0C8A .byte \$00,\$00,\$00
\$0C8D 05 00 ORA \$00
\$0C8F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0C97 .byte \$00,\$00
\$0C99 05 00 ORA \$00
\$0C9B .byte \$00,\$00,\$00,\$00,\$00
\$0CA0 05 00 ORA \$00
\$0CA2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0CAA .byte \$00,\$00,\$00
\$0CAD 05 00 ORA \$00
\$0CAF .byte \$00,\$00,\$00,\$00,\$04,\$00,\$13,\$00
\$0CB7 .byte \$00,\$00
\$0CB9 05 00 ORA \$00
\$0CBB .byte \$00,\$00,\$00,\$00,\$00
\$0CC0 05 00 ORA \$00

\$0CC2 .byte \$00,\$00,\$00,\$00,\$04,\$00,\$00,\$00
\$0CCA .byte \$00,\$00,\$00
\$0CCD 05 00 ORA \$00
\$0CCF .byte \$00,\$00,\$00,\$00
\$0CD3 05 00 ORA \$00
\$0CD5 .byte \$00,\$00,\$00,\$00
\$0CD9 05 00 ORA \$00
\$0CDB .byte \$00,\$00,\$00,\$00,\$00
\$0CE0 05 00 ORA \$00
\$0CE2 .byte \$00,\$00,\$00,\$00
\$0CE6 05 00 ORA \$00
\$0CE8 .byte \$00,\$00,\$00,\$00,\$00
\$0CED 05 00 ORA \$00
\$0CEF .byte \$00,\$00,\$00,\$00
\$0CF3 05 00 ORA \$00
\$0CF5 .byte \$00,\$00,\$00,\$00
\$0CF9 05 00 ORA \$00
\$0CFB .byte \$00,\$00,\$00,\$00,\$00
\$0D00 05 00 ORA \$00
\$0D02 .byte \$00,\$00,\$00,\$00
\$0D06 05 00 ORA \$00
\$0D08 .byte \$00,\$00,\$00,\$00,\$00
\$0D0D 05 00 ORA \$00
\$0D0F .byte \$00,\$00,\$00,\$00
\$0D13 05 00 ORA \$00
\$0D15 .byte \$00,\$00,\$00,\$00
\$0D19 05 00 ORA \$00
\$0D1B .byte \$00,\$00,\$00,\$00,\$00
\$0D20 05 00 ORA \$00

\$0D22 .byte \$00,\$00,\$00,\$00
\$0D26 05 00 ORA \$00
\$0D28 .byte \$00,\$00,\$00,\$00,\$00
\$0D2D 05 00 ORA \$00
\$0D2F .byte \$00,\$00,\$00,\$00
\$0D33 05 00 ORA \$00
\$0D35 .byte \$00,\$00,\$00,\$00
\$0D39 05 00 ORA \$00
\$0D3B .byte \$00,\$00,\$00,\$00,\$00
\$0D40 05 00 ORA \$00
\$0D42 .byte \$00,\$00,\$00,\$00
\$0D46 05 00 ORA \$00
\$0D48 .byte \$00,\$00,\$00,\$00,\$00
\$0D4D 05 00 ORA \$00
\$0D4F .byte \$00,\$00,\$00,\$00
\$0D53 05 00 ORA \$00
\$0D55 .byte \$00,\$00,\$00,\$00
\$0D59 05 00 ORA \$00
\$0D5B .byte \$00,\$00,\$00,\$00,\$00
\$0D60 05 00 ORA \$00
\$0D62 .byte \$00,\$00,\$00,\$00
\$0D66 05 00 ORA \$00
\$0D68 .byte \$00,\$00,\$00,\$00,\$00
\$0D6D 05 00 ORA \$00
\$0D6F .byte \$00,\$00,\$00,\$00
\$0D73 05 00 ORA \$00
\$0D75 .byte \$00,\$00,\$00,\$00
\$0D79 05 00 ORA \$00
\$0D7B .byte \$00,\$00,\$00,\$00,\$00

\$0D80 05 00 ORA \$00
\$0D82 .byte \$00,\$00,\$00,\$00
\$0D86 05 00 ORA \$00
\$0D88 .byte \$00,\$00,\$00,\$00,\$00
\$0D8D 05 00 ORA \$00
\$0D8F .byte \$00,\$00,\$00,\$00
\$0D93 05 00 ORA \$00
\$0D95 .byte \$00,\$00,\$00,\$00
\$0D99 05 00 ORA \$00
\$0D9B .byte \$00,\$00,\$00,\$00,\$00
\$0DA0 05 00 ORA \$00
\$0DA2 .byte \$00,\$00,\$00,\$00
\$0DA6 05 00 ORA \$00
\$0DA8 .byte \$00,\$00,\$00,\$00,\$00
\$0DAD 05 00 ORA \$00
\$0DAF .byte \$00,\$00,\$00,\$00
\$0DB3 05 00 ORA \$00
\$0DB5 .byte \$00,\$00,\$00,\$00
\$0DB9 05 00 ORA \$00
\$0DBB .byte \$00,\$00,\$00,\$00,\$00
\$0DC0 05 00 ORA \$00
\$0DC2 .byte \$00,\$00,\$00,\$00
\$0DC6 05 00 ORA \$00
\$0DC8 .byte \$00,\$00,\$00,\$00,\$00
\$0DCD 05 00 ORA \$00
\$0DCF .byte \$00,\$00,\$00,\$00
\$0DD3 05 00 ORA \$00
\$0DD5 .byte \$00,\$00,\$00,\$00
\$0DD9 05 00 ORA \$00

\$0DDB .byte \$00,\$00,\$00,\$00,\$00
\$0DE0 05 00 ORA \$00
\$0DE2 .byte \$00,\$00,\$00,\$00
\$0DE6 05 00 ORA \$00
\$0DE8 .byte \$00,\$00,\$00,\$00,\$00
\$0DED 05 00 ORA \$00
\$0DEF .byte \$00,\$00,\$00,\$00
\$0DF3 05 00 ORA \$00
\$0DF5 .byte \$00,\$00,\$00,\$00
\$0DF9 05 00 ORA \$00
\$0DFB .byte \$00,\$00,\$00,\$00,\$00
\$0E00 05 00 ORA \$00
\$0E02 .byte \$00,\$00,\$00,\$00
\$0E06 05 00 ORA \$00
\$0E08 .byte \$00,\$00,\$00,\$00,\$00
\$0E0D 05 00 ORA \$00
\$0E0F .byte \$00,\$00,\$00,\$00
\$0E13 05 00 ORA \$00
\$0E15 .byte \$00,\$00,\$00,\$00
\$0E19 05 00 ORA \$00
\$0E1B .byte \$00,\$00,\$00,\$00,\$00
\$0E20 05 00 ORA \$00
\$0E22 .byte \$00,\$00,\$00,\$00
\$0E26 05 00 ORA \$00
\$0E28 .byte \$00,\$00,\$00,\$00,\$00
\$0E2D 05 00 ORA \$00
\$0E2F .byte \$00,\$00,\$00,\$00
\$0E33 05 00 ORA \$00
\$0E35 .byte \$00,\$00,\$00,\$00

\$0E39 05 00 ORA \$00
\$0E3B .byte \$00,\$00,\$00,\$00,\$00
\$0E40 05 00 ORA \$00
\$0E42 .byte \$00,\$00,\$00,\$00
\$0E46 05 00 ORA \$00
\$0E48 .byte \$00,\$00,\$00,\$00,\$00
\$0E4D 05 00 ORA \$00
\$0E4F .byte \$00,\$00,\$00,\$00
\$0E53 05 00 ORA \$00
\$0E55 .byte \$00,\$00,\$00,\$00
\$0E59 05 00 ORA \$00
\$0E5B .byte \$00,\$00,\$00,\$00,\$00
\$0E60 05 00 ORA \$00
\$0E62 .byte \$00,\$00,\$00,\$00
\$0E66 05 00 ORA \$00
\$0E68 .byte \$00,\$00,\$00,\$00,\$00
\$0E6D 05 00 ORA \$00
\$0E6F .byte \$00,\$00,\$00,\$00
\$0E73 05 00 ORA \$00
\$0E75 .byte \$00,\$00,\$00,\$00
\$0E79 05 00 ORA \$00
\$0E7B .byte \$00,\$00,\$00,\$00,\$00
\$0E80 05 00 ORA \$00
\$0E82 .byte \$00,\$00,\$00,\$00
\$0E86 05 00 ORA \$00
\$0E88 .byte \$00,\$00,\$00,\$00,\$00
\$0E8D 05 00 ORA \$00
\$0E8F .byte \$00,\$00,\$00,\$00
\$0E93 05 00 ORA \$00

\$0E95 .byte \$00,\$00,\$00,\$00
\$0E99 05 00 ORA \$00
\$0E9B .byte \$00,\$00,\$00,\$00,\$00
\$0EA0 05 00 ORA \$00
\$0EA2 .byte \$00,\$00,\$00,\$00
\$0EA6 05 00 ORA \$00
\$0EA8 .byte \$00,\$00,\$00,\$00,\$00
\$0EAD 05 00 ORA \$00
\$0EAF .byte \$00,\$00,\$00,\$00
\$0EB3 05 00 ORA \$00
\$0EB5 .byte \$00,\$00,\$00,\$00
\$0EB9 05 00 ORA \$00
\$0EBB .byte \$00,\$00,\$00,\$00,\$00
\$0EC0 05 00 ORA \$00
\$0EC2 .byte \$00,\$00,\$00,\$00
\$0EC6 05 00 ORA \$00
\$0EC8 .byte \$00,\$00,\$00,\$00,\$00
\$0ECD 05 00 ORA \$00
\$0ECF .byte \$00,\$00,\$00,\$00
\$0ED3 05 00 ORA \$00
\$0ED5 .byte \$00,\$00,\$00,\$00
\$0ED9 05 00 ORA \$00
\$0EDB .byte \$00,\$00,\$00,\$00,\$00
\$0EE0 05 00 ORA \$00
\$0EE2 .byte \$00,\$00,\$00,\$00
\$0EE6 05 00 ORA \$00
\$0EE8 .byte \$00,\$00,\$00,\$00,\$00
\$0EED 05 00 ORA \$00
\$0EEF .byte \$00,\$00,\$00,\$00

\$0EF3 05 00 ORA \$00
\$0EF5 .byte \$00,\$00,\$00,\$00
\$0EF9 05 00 ORA \$00
\$0EFB .byte \$00,\$00,\$00,\$00,\$00
\$0F00 05 00 ORA \$00
\$0F02 .byte \$00,\$00,\$00,\$00
\$0F06 05 00 ORA \$00
\$0F08 .byte \$00,\$00,\$00,\$00,\$00
\$0F0D 05 00 ORA \$00
\$0F0F .byte \$00,\$00,\$00,\$00
\$0F13 05 00 ORA \$00
\$0F15 .byte \$00,\$00,\$00,\$00
\$0F19 05 00 ORA \$00
\$0F1B .byte \$00,\$00,\$00,\$00,\$00
\$0F20 05 00 ORA \$00
\$0F22 .byte \$00,\$00,\$00,\$00
\$0F26 05 00 ORA \$00
\$0F28 .byte \$00,\$00,\$00,\$00,\$00
\$0F2D 05 00 ORA \$00
\$0F2F .byte \$00,\$00,\$00,\$00
\$0F33 05 00 ORA \$00
\$0F35 .byte \$00,\$00,\$00,\$00
\$0F39 05 00 ORA \$00
\$0F3B .byte \$00,\$00,\$00,\$00,\$00
\$0F40 05 00 ORA \$00
\$0F42 .byte \$00,\$00,\$00,\$00
\$0F46 05 00 ORA \$00
\$0F48 .byte \$00,\$00,\$00,\$00,\$00
\$0F4D 05 00 ORA \$00

\$0F4F .byte \$00,\$00,\$00,\$00
\$0F53 05 00 ORA \$00
\$0F55 .byte \$00,\$00,\$00,\$00
\$0F59 05 00 ORA \$00
\$0F5B .byte \$00,\$00,\$00,\$00,\$00
\$0F60 05 00 ORA \$00
\$0F62 .byte \$00,\$00,\$00,\$00
\$0F66 05 00 ORA \$00
\$0F68 .byte \$00,\$00,\$00,\$00,\$00
\$0F6D 01 00 ORA (\$00,X)
\$0F6F .byte \$00,\$00,\$00,\$00
\$0F73 05 00 ORA \$00
\$0F75 .byte \$00,\$00,\$00,\$00
\$0F79 01 13 ORA (\$13,X)
\$0F7B .byte \$00,\$00,\$00,\$00,\$00
\$0F80 05 00 ORA \$00
\$0F82 .byte \$00,\$00,\$00,\$00
\$0F86 05 00 ORA \$00
\$0F88 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0F90 .byte \$00,\$00,\$00
\$0F93 05 00 ORA \$00
\$0F95 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0F9D .byte \$00,\$00,\$00
\$0FA0 05 00 ORA \$00
\$0FA2 .byte \$00,\$00,\$00,\$00
\$0FA6 05 00 ORA \$00
\$0FA8 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$0FB0 .byte \$00,\$00,\$00
\$0FB3 05 00 ORA \$00

\$0FB5 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

//-----

L_BRS_(\$0FBF)_(\$1025) JAM

//-----

\$0FBD .byte \$00,\$00,\$00

\$0FC0 05 00 ORA \$00

\$0FC2 .byte \$00,\$00,\$00,\$00

\$0FC6 05 00 ORA \$00

\$0FC8 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

//-----

L_BRS_(\$0FD1)_(\$1037) JAM

//-----

\$0FD0 .byte \$00,\$00,\$00

\$0FD3 05 00 ORA \$00

\$0FD5 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$0FDD .byte \$00,\$00,\$00

\$0FE0 05 00 ORA \$00

\$0FE2 .byte \$00,\$00,\$00,\$00

\$0FE6 05 00 ORA \$00

\$0FE8 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$0FF0 .byte \$00,\$00,\$00

\$0FF3 05 00 ORA \$00

\$0FF5 .byte \$00,\$22,\$00,\$00,\$00,\$00,\$00,\$00

\$0FFD .byte \$22,\$00,\$00

\$1000 40 RTI

//-----

\$1001 .byte \$00

\$1002 84 00 STY \$00

\$1004 01 0F ORA (\$0F,X)

```
$1006      .byte $00
$1007 01 05  ORA ($05,X)
$1009 69 03  ADC # $03
$100B 41 02  EOR ($02,X)
$100D 18     CLC
$100E 0A     ASL A
$100F 2C 05 68 BIT $6805
$1012      .byte $04,$02
$1014 0E 14 14 ASL $1414
$1017 06 11  ASL $11
$1019      .byte $00,$93
$101B 08     PHP
$101C 96 08  STX $08,Y
$101E 98     TYA
$101F 08     PHP
$1020 98     TYA
$1021 08     PHP
$1022 96 08  STX $08,Y
$1024 98     TYA
$1025 10 98  BPL L_BRS_($0FBF)_($1025) JAM
$1027 08     PHP
$1028 10 0A  BPL L_BRS_($1034)_($1028) OK
$102A 11 00  ORA ($00),Y
$102C      .byte $93
$102D 08     PHP
$102E 96 08  STX $08,Y
$1030 98     TYA
$1031 08     PHP
$1032 98     TYA
```

```
$1033 08    PHP
//-----
L_BRS_($1034)_($1028) OK
L_BRS_($1035)_($1077) BAD
//-----
$1034 96 08    STX $08,Y
$1036 98    TYA
$1037 10 98    BPL L_BRS_($0FD1)_($1037) JAM
$1039 08    PHP
$103A      .byte $1B
$103B FD 10 04 SBC $0410,X
//-----
L_BRS_($103E)_($107D) JAM
//-----
$103E      .byte $00
//-----
L_BRS_($103F)_($10A5) OK
//-----
$103F 01 00    ORA ($00,X)
$1041 01 1E    ORA ($1E,X)
$1043 01 00    ORA ($00,X)
$1045 01 14    ORA ($14,X)
$1047 06 03    ASL $03
$1049 41 04    EOR ($04,X)
$104B      .byte $02
$104C 0E 96 02 ASL $0296
$104F 35 0B    AND $0B,X
$1051 1E 0A 43 ASL $430A,X
$1054      .byte $00
```

```
$1055 08    PHP
$1056 11 00  ORA ($00),Y
$1058 AE 08 B0 LDX $B008
$105B 08    PHP
$105C A9 08  LDA # $08
$105E      .byte $AB
$105F 08    PHP
$1060 A4 10  LDY $10
$1062 A4 10  LDY $10
$1064 10 03  BPL L_BRS_($1069)_($1064) BAD
$1066      .byte $00
//-----
L_BRS_($1069)_($1064) BAD
//-----
$1067 20 AB 08 JSR L_JSR_($08AB)_($1067) BAD
$106A B0 08  BCS L_BRS_($1074)_($106A) OK
$106C      .byte $B7
$106D 08    PHP
$106E B5 28  LDA $28,X
$1070 B5 10  LDA $10,X
$1072      .byte $B7
$1073 48    PHA
//-----
L_BRS_($1074)_($106A) OK
//-----
$1074 BA    TSX
$1075 28    PLP
$1076 BA    TSX
$1077 10 BC  BPL L_BRS_($1035)_($1077) BAD
```



```

$1079 48    PHA
//-----
L_BRS_($107C)_($10C7) BAD
//-----
$107A BE 28 BE LDX $BE28,Y
$107D 10 BF    BPL L_BRS_($103E)_($107D) JAM
$107F 50 11    BVC L_BRS_($1092)_($107F) BAD
$1081 01 00    ORA ($00,X)
$1083 FE 10 FF INC $FF10,X
$1086      .byte $00
$1087 01 00    ORA ($00,X)
$1089 01 03    ORA ($03,X)
$108B      .byte $00,$02
$108D 35 0A    AND $0A,X
$108F      .byte $43,$04
//-----
L_BRS_($1092)_($107F) BAD
//-----
$1091 01 0E    ORA ($0E,X)
$1093      .byte $32,$14
$1095 06 20    ASL $20
$1097 1E 11 00 ASL $0011,X
$109A      .byte $93
$109B 08     PHP
$109C 96 08    STX $08,Y
$109E 98     TYA
$109F 08     PHP
$10A0 98     TYA
$10A1 08     PHP

```

```
$10A2 96 08 STX $08,Y
$10A4 98 TYA
//-----
L_BRS_($10A6)_($10E9) BAD
//-----
$10A5 10 98 BPL L_BRS_($103F)_($10A5) OK
$10A7 08 PHP
$10A8 10 03 BPL L_BRS_($10AD)_($10A8) BAD
$10AA .byte $93
$10AB 08 PHP
//-----
L_BRS_($10AD)_($10A8) BAD
//-----
$10AC 96 08 STX $08,Y
$10AE 98 TYA
$10AF 08 PHP
$10B0 98 TYA
$10B1 08 PHP
//-----
L_BRS_($10B3)_($10B2) BAD
//-----
$10B2 B0 FF BCS L_BRS_($10B3)_($10B2) BAD
$10B4 96 08 STX $08,Y
$10B6 .byte $03
$10B7 41 04 EOR ($04,X)
$10B9 .byte $02
$10BA 0E 28 03 ASL $0328
$10BD 41 A7 EOR ($A7,X)
$10BF 08 PHP
```

```
$10C0    .byte $AB
$10C1 08    PHP
$10C2    .byte $B3
$10C3 08    PHP
$10C4    .byte $B2
$10C5 28    PLP
$10C6    .byte $B2
$10C7 10 B3  BPL L_BRS_($107C)_($10C7) BAD
$10C9 10 03  BPL L_BRS_($10CE)_($10C9) OK
$10CB 11 02  ORA ($02),Y
$10CD    .byte $1F
//-----
L_BRS_($10CE)_($10C9) OK
//-----
$10CE 0D 14 B3 ORA $B314
$10D1 38    SEC
$10D2 06 02  ASL $02
$10D4    .byte $0F
$10D5 01 08  ORA ($08,X)
$10D7 01 03  ORA ($03,X)
$10D9 41 02  EOR ($02,X)
$10DB 35 B6  AND $B6,X
$10DD 28    PLP
$10DE 08    PHP
$10DF    .byte $00,$0F,$00
$10E2 B6 10  LDX $10,Y
$10E4    .byte $B8
$10E5 48    PHA
$10E6 BA    TSX
```

```

$10E7 28    PLP
$10E8 BA    TSX
$10E9 10 BB  BPL L_BRS_($10A6)_($10E9) BAD
$10EB 50 11  BVC L_BRS_($10FE)_($10EB) OK
$10ED 01 00  ORA ($00,X)
$10EF FE 10 FF INC $FF10,X
$10F2      .byte $00
$10F3 01 A4  ORA ($A4,X)
$10F5      .byte $02
$10F6 01 20  ORA ($20,X)
$10F8 01 20  ORA ($20,X)
$10FA 31 80  AND ($80),Y
$10FC      .byte $00,$80
//-----
L_BRS_($10FE)_($10EB) OK
//-----
$10FE 4C 2F 9D JMP L_JMP_($9D2F)_($10FE) BAD
$1101 4C 77 A8 JMP $A877
$1104 20 DE 95 JSR L_JSR_($95DE)_($1104) BAD
$1107 4C 2F 9D JMP L_JMP_($9D2F)_($1107) BAD
$110A AD 59 9E LDA $9E59
$110D 29 07  AND #$07
$110F F0 01  BEQ L_BRS_($1112)_($110F) OK
$1111 60    RTS
//-----
L_BRS_($1112)_($110F) OK
//-----
$1112 AD C0 A3 LDA $A3C0
$1115 4A    LSR A

```

```
$1116 8D F2 80 STA $80F2
$1119 A9 09 LDA #$09
$111B 8D F4 80 STA $80F4
//-----
L_BRS_($111E)_($1164) OK
//-----
$111E A9 0F LDA #$0F
$1120 8D F3 80 STA $80F3
$1123 AD BE A3 LDA $A3BE
$1126 4A LSR A
$1127 8D F1 80 STA $80F1
//-----
L_BRS_($112A)_($115C) OK
//-----
$112A AE F2 80 LDX $80F2
$112D AC F1 80 LDY $80F1
$1130 BD 70 A9 LDA $A970,X
$1133 85 8E STA $8E
$1135 BD 90 A9 LDA $A990,X
$1138 85 8F STA $8F
$113A B1 8E LDA ($8E),Y
$113C 38 SEC
$113D E9 20 SBC #$20
$113F 90 15 BCC L_BRS_($1156)_($113F) OK
$1141 C9 0F CMP #$0F
$1143 B0 11 BCS L_BRS_($1156)_($1143) OK
$1145 8D F0 80 STA $80F0
$1148 AD 04 DC LDA $DC04
$114B 29 07 AND #$07
```

\$114D AA TAX
\$114E 20 69 80 JSR L_JSR_(\$8069)_(\$114E) OK
\$1151 D0 03 BNE L_BRS_(\$1156)_(\$1151) OK
\$1153 20 8C 80 JSR L_JSR_(\$808C)_(\$1153) BAD
//-----
L_BRS_(\$1156)_(\$113F) OK
L_BRS_(\$1156)_(\$1143) OK
L_BRS_(\$1156)_(\$1151) OK
//-----
\$1156 EE F1 80 INC \$80F1
\$1159 CE F3 80 DEC \$80F3
\$115C 10 CC BPL L_BRS_(\$112A)_(\$115C) OK
\$115E EE F2 80 INC \$80F2
\$1161 CE F4 80 DEC \$80F4
\$1164 10 B8 BPL L_BRS_(\$111E)_(\$1164) OK
\$1166 60 RTS
//-----
\$1167 BD E0 80 LDA \$80E0,X
\$116A 18 CLC
\$116B 6D F1 80 ADC \$80F1
\$116E 29 1F AND #\$1F
\$1170 0A ASL A
\$1171 0A ASL A
\$1172 8D FC 88 STA \$88FC
\$1175 BD E8 80 LDA \$80E8,X
\$1178 18 CLC
\$1179 6D F2 80 ADC \$80F2
\$117C 29 1F AND #\$1F
\$117E 0A ASL A

\$117F 0A ASL A
\$1180 8D FD 88 STA \$88FD
\$1183 20 42 88 JSR L_JSR_(\$8842)_(\$1183) JAM
\$1186 20 A9 88 JSR L_JSR_(\$88A9)_(\$1186) OK
\$1189 60 RTS
//-----
\$118A AC 5C 9E LDY \$9E5C
\$118D C0 C0 CPY #\$C0
\$118F B0 3D BCS L_BRS_(\$11CE)_(\$118F) OK
\$1191 C8 INY
\$1192 8C 5C 9E STY \$9E5C
\$1195 AD F1 80 LDA \$80F1
\$1198 18 CLC
\$1199 7D E0 80 ADC \$80E0,X
\$119C 29 1F AND #\$1F
\$119E 0A ASL A
\$119F 8D FC 88 STA \$88FC
\$11A2 0A ASL A
\$11A3 99 00 C4 STA \$C400,Y
\$11A6 AD F2 80 LDA \$80F2
\$11A9 18 CLC
\$11AA 7D E8 80 ADC \$80E8,X
\$11AD 29 1F AND #\$1F
\$11AF 0A ASL A
\$11B0 8D FD 88 STA \$88FD
\$11B3 0A ASL A
\$11B4 99 C0 C4 STA \$C4C0,Y
\$11B7 AE F0 80 LDX \$80F0
\$11BA BD D1 80 LDA \$80D1,X

```

$11BD 99 80 C5 STA $C580,Y
$11C0 A9 00 LDA #$00
$11C2 99 40 C6 STA $C640,Y
$11C5 20 61 88 JSR L_JSR_($8861)_($11C5) BAD
$11C8 20 F4 9A JSR L_JSR_($9AF4)_($11C8) OK
$11CB 20 89 9A JSR L_JSR_($9A89)_($11CB) BAD
//-----
L_BRS_($11CE)_($118F) OK
//-----
$11CE 60 RTS
//-----
$11CF .byte $00
$11D0 40 RTI
//-----
$11D1 .byte $80
$11D2 08 PHP
$11D3 48 PHA
$11D4 88 DEY
$11D5 10 50 BPL L_BRS_($1227)_($11D5) JAM
$11D7 90 18 BCC L_BRS_($11F1)_($11D7) JAM
$11D9 58 CLI
$11DA 98 TYA
$11DB 20 60 A0 JSR $A060
$11DE .byte $00
$11DF 01 01 ORA ($01,X)
$11E1 01 00 ORA ($00,X)
$11E3 .byte $FF,$FF,$FF
$11E6 01 01 ORA ($01,X)
$11E8 .byte $00,$FF,$FF,$FF,$00

```



```

$11ED 01 00  ORA ($00,X)
//-----
L_BRS_($11F1)_($11D7) JAM
//-----
$11EF      .byte $00,$00,$00,$00,$00
$11F4 A9 0F  LDA #$0F
$11F6 8D 22 D0 STA $D022
$11F9 A9 00  LDA #$00
$11FB      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1203      .byte $00,$00,$00,$00,$00,$00,$00,$00
$120B      .byte $00,$00,$00,$00,$00,$00,$00,$00
//-----
L_JSR_($1218)_($9F12) JAM
//-----
$1213      .byte $00,$00,$00,$00,$00,$00,$00,$00
$121B      .byte $00,$00,$00,$00,$00,$00,$00,$00
//-----
L_BRS_($1227)_($11D5) JAM
//-----
$1223      .byte $00,$00,$00,$00,$00,$00,$00,$00
$122B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1233      .byte $00,$00,$00,$00,$00,$00,$00,$00
$123B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1243      .byte $00,$00,$00,$00,$00,$00,$00,$00
$124B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1253      .byte $00,$00,$00,$00,$00,$00,$00,$00
$125B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1263      .byte $00,$00,$00,$00,$00,$00,$00,$00
$126B      .byte $00,$00,$00,$00,$00,$00,$00,$00

```

\$1273 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$127B .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1283 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$128B .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1293 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$129B .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$12A3 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$12AB .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$12B3 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$12BB .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$12C3 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$12CB .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$12D3 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$12DB .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$12E3 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$12EB .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$12F3 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$12FB .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1303 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$130B .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1313 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$131B .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1323 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$132B .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1333 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$133B .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1343 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$134B .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1353 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

```

$135B    .byte $00,$00,$00,$00,$00,$00,$00,$00
$1363    .byte $00,$00,$00,$00,$00,$00,$00,$00
$136B    .byte $00,$00,$00,$00,$00,$00,$00,$00
$1373    .byte $00,$00,$00,$00,$00,$00,$00,$00
$137B    .byte $00,$00,$00,$00,$00,$00,$00,$00
$1383    .byte $00,$00,$00,$00,$00
$1388 4C 99 14 JMP L_JMP_($1499)_($1388) OK
$138B 4C 91 13 JMP L_JMP_($1391)_($138B) OK
$138E 4C A6 13 JMP L_JMP_($13A6)_($138E) OK
//-----
L_JMP_($1391)_($138B) OK
//-----
$1391 20 8E 14 JSR L_JSR_($148E)_($1391) OK
$1394 C9 00   CMP #$00
$1396 F0 0D   BEQ L_BRS_($13A5)_($1396) OK
//-----
L_BRS_($1398)_($13A3) OK
//-----
$1398 48   PHA
$1399 A9 00   LDA #$00
$139B A8   TAY
$139C 20 9C 14 JSR L_JSR_($149C)_($139C) OK
$139F 68   PLA
$13A0 38   SEC
$13A1 E9 01   SBC #$01
$13A3 D0 F3   BNE L_BRS_($1398)_($13A3) OK
//-----
L_BRS_($13A5)_($1396) OK
//-----

```

```
$13A5 60    RTS
//-----
L_JMP_($13A6)_($138E) OK
//-----
$13A6 20 8E 14 JSR L_JSR_($148E)_($13A6) OK
$13A9 8D 05 04 STA $0405
$13AC 8C 06 04 STY $0406
$13AF 20 8E 14 JSR L_JSR_($148E)_($13AF) OK
$13B2 8D 03 04 STA $0403
$13B5 8C 04 04 STY $0404
$13B8 78    SEI
$13B9 A9 03  LDA #$03
//-----
L_JSR_($13BB)_($0A48) OK
//-----
$13BB 8D 02 04 STA $0402
$13BE AD 00 DD LDA $DD00
$13C1 09 04  ORA #$04
$13C3 8D 0D 04 STA $040D
$13C6 8D 00 DD STA $DD00
$13C9 AD 20 D0 LDA $D020
$13CC 48    PHA
$13CD AD 11 D0 LDA $D011
$13D0 29 EF  AND #$EF
$13D2 8D 11 D0 STA $D011
$13D5 20 6A 15 JSR L_JSR_($156A)_($13D5) OK
$13D8 A9 04  LDA #$04
$13DA 85 FC  STA $FC
$13DC A9 02  LDA #$02
```

```

$13DE 85 FB  STA $FB
$13E0 A0 00  LDY #$00
//-----
L_BRS_($13E2)_($13EA) OK
//-----
$13E2 B1 FB  LDA ($FB),Y
$13E4 20 2A 14 JSR L_JSR_($142A)_($13E4) OK
$13E7 C8     INY
$13E8 C0 09  CPY #$09
$13EA D0 F6  BNE L_BRS_($13E2)_($13EA) OK
$13EC A0 00  LDY #$00
$13EE AD 05 04 LDA $0405
$13F1 85 FB  STA $FB
$13F3 AD 06 04 LDA $0406
$13F6 85 FC  STA $FC
//-----
L_BRS_($13F8)_($1415) OK
L_JMP_($13F8)_($1419) OK
//-----
$13F8 AD 03 04 LDA $0403
$13FB F0 06  BEQ L_BRS_($1403)_($13FB) OK
$13FD CE 03 04 DEC $0403
$1400 4C 0E 14 JMP L_JMP_($140E)_($1400) OK
//-----
L_BRS_($1403)_($13FB) OK
//-----
$1403 CE 03 04 DEC $0403
$1406 AD 04 04 LDA $0404
$1409 F0 11  BEQ L_BRS_($141C)_($1409) OK

```

```
$140B CE 04 04 DEC $0404
//-----
L_JMP_($140E)_($1400) OK
//-----
$140E B1 FB LDA ($FB),Y
$1410 20 2A 14 JSR L_JSR_($142A)_($1410) OK
$1413 E6 FB INC $FB
$1415 D0 E1 BNE L_BRS_($13F8)_($1415) OK
$1417 E6 FC INC $FC
$1419 4C F8 13 JMP L_JMP_($13F8)_($1419) OK
//-----
L_BRS_($141C)_($1409) OK
//-----
$141C AD 11 D0 LDA $D011
$141F 09 10 ORA #$10
$1421 8D 11 D0 STA $D011
$1424 68 PLA
$1425 8D 20 D0 STA $D020
$1428 58 CLI
$1429 60 RTS
//-----
L_JSR_($142A)_($13E4) OK
L_JSR_($142A)_($1410) OK
//-----
$142A 49 FF EOR #$FF
$142C 48 PHA
$142D AD 0D 04 LDA $040D
$1430 8D 00 DD STA $DD00
$1433 A9 20 LDA #$20
```

```
$1435 8D 0B 04 STA $040B
$1438 18    CLC
$1439 68    PLA
$143A 2A    ROL A
$143B 2E 0B 04 ROL $040B
$143E 2A    ROL A
$143F 2E 0B 04 ROL $040B
$1442 8D 0C 04 STA $040C
$1445 A9 02  LDA #$02
$1447 8D 03 DD STA $DD03
$144A A9 04  LDA #$04
$144C 8D 02 DD STA $DD02
//-----
L_BRS_($144F)_($1452) OK
//-----
$144F 2C 01 DD BIT $DD01
$1452 50 FB  BVC L_BRS_($144F)_($1452) OK
$1454 AD 00 DD LDA $DD00
$1457 29 FB  AND #$FB
$1459 8D 00 DD STA $DD00
//-----
L_BRS_($145C)_($1473) OK
//-----
$145C 20 88 14 JSR L_JSR_($1488)_($145C) OK
$145F AD 0C 04 LDA $040C
$1462 29 04  AND #$04
$1464 4D 0D 04 EOR $040D
$1467 8D 00 DD STA $DD00
$146A 4E 0B 04 LSR $040B
```

```
$146D 6E 0C 04 ROR $040C
$1470 AD 0B 04 LDA $040B
$1473 D0 E7 BNE L_BRS_($145C)_($1473) OK
$1475 20 88 14 JSR L_JSR_($1488)_($1475) OK
$1478 AD 0D 04 LDA $040D
$147B 8D 00 DD STA $DD00
$147E 20 88 14 JSR L_JSR_($1488)_($147E) OK
$1481 20 88 14 JSR L_JSR_($1488)_($1481) OK
$1484 EE 20 D0 INC $D020
$1487 60 RTS
//-----
L_JSR_($1488)_($145C) OK
L_JSR_($1488)_($1475) OK
L_JSR_($1488)_($147E) OK
L_JSR_($1488)_($1481) OK
//-----
$1488 A2 0C LDX #$0C
//-----
L_BRS_($148A)_($148B) OK
//-----
$148A CA DEX
$148B D0 FD BNE L_BRS_($148A)_($148B) OK
$148D 60 RTS
//-----
L_JSR_($148E)_($1391) OK
L_JSR_($148E)_($13A6) OK
L_JSR_($148E)_($13AF) OK
L_JSR_($148E)_($1499) OK
//-----
```



```
$148E 20 86 AE JSR $AE86
$1491 20 9B BC JSR $BC9B
$1494 A5 65 LDA $65
$1496 A4 64 LDY $64
$1498 60 RTS
//-----
L_JMP_($1499)_($1388) OK
//-----
$1499 20 8E 14 JSR L_JSR_($148E)_($1499) OK
//-----
L_JSR_($149C)_($139C) OK
//-----
$149C 8D 00 04 STA $0400
$149F 8C 01 04 STY $0401
$14A2 78 SEI
$14A3 A9 03 LDA #$03
$14A5 8D 02 04 STA $0402
$14A8 AD 20 D0 LDA $D020
$14AB 48 PHA
$14AC AD 11 D0 LDA $D011
$14AF 29 EF AND #$EF
$14B1 8D 11 D0 STA $D011
$14B4 A9 02 LDA #$02
$14B6 85 FB STA $FB
$14B8 A9 04 LDA #$04
$14BA 85 FC STA $FC
$14BC A0 00 LDY #$00
//-----
L_BRS_($14BE)_($14C9) OK
```

```
//-----  
$14BE 20 21 15 JSR L_JSR_($1521)_($14BE) OK  
$14C1 AD 0B 04 LDA $040B  
$14C4 91 FB STA ($FB),Y  
$14C6 C8 INY  
$14C7 C0 09 CPY #$09  
$14C9 D0 F3 BNE L_BRS_($14BE)_($14C9) OK  
$14CB AD 00 04 LDA $0400  
$14CE 0D 01 04 ORA $0401  
$14D1 F0 0D BEQ L_BRS_($14E0)_($14D1) OK  
$14D3 AD 00 04 LDA $0400  
$14D6 A0 03 LDY #$03  
$14D8 91 FB STA ($FB),Y  
$14DA C8 INY  
$14DB AD 01 04 LDA $0401  
$14DE 91 FB STA ($FB),Y  
//-----  
L_BRS_($14E0)_($14D1) OK  
//-----  
$14E0 A0 00 LDY #$00  
$14E2 AD 05 04 LDA $0405  
$14E5 85 FB STA $FB  
$14E7 AD 06 04 LDA $0406  
$14EA 85 FC STA $FC  
//-----  
L_BRS_($14EC)_($150C) OK  
L_JMP_($14EC)_($1510) OK  
//-----  
$14EC AD 03 04 LDA $0403
```

```
$14EF F0 06 BEQ L_BRS_($14F7)_($14EF) OK
$14F1 CE 03 04 DEC $0403
$14F4 4C 02 15 JMP L_JMP_($1502)_($14F4) OK
//-----
L_BRS_($14F7)_($14EF) OK
//-----
$14F7 CE 03 04 DEC $0403
$14FA AD 04 04 LDA $0404
$14FD F0 14 BEQ L_BRS_($1513)_($14FD) OK
$14FF CE 04 04 DEC $0404
//-----
L_JMP_($1502)_($14F4) OK
//-----
$1502 20 21 15 JSR L_JSR_($1521)_($1502) OK
$1505 AD 0B 04 LDA $040B
$1508 91 FB STA ($FB),Y
$150A E6 FB INC $FB
$150C D0 DE BNE L_BRS_($14EC)_($150C) OK
$150E E6 FC INC $FC
$1510 4C EC 14 JMP L_JMP_($14EC)_($1510) OK
//-----
L_BRS_($1513)_($14FD) OK
//-----
$1513 AD 11 D0 LDA $D011
$1516 09 10 ORA #$10
$1518 8D 11 D0 STA $D011
$151B 68 PLA
$151C 8D 20 D0 STA $D020
$151F 58 CLI
```

```

$1520 60    RTS
//-----
L_JSR_($1521)_($14BE) OK
L_JSR_($1521)_($1502) OK
//-----
$1521 A9 02  LDA #$02
$1523 8D 03 DD STA $DD03
$1526 A9 02  LDA #$02
$1528 8D 01 DD STA $DD01
$152B A9 80  LDA #$80
$152D 8D 0B 04 STA $040B
//-----
L_BRS_($1530)_($1535) OK
//-----
$1530 AD 01 DD LDA $DD01
$1533 29 01  AND #$01
$1535 F0 F9  BEQ L_BRS_($1530)_($1535) OK
//-----
L_JMP_($1537)_($1543) OK
//-----
$1537 20 64 15 JSR L_JSR_($1564)_($1537) OK
$153A AD 01 DD LDA $DD01
$153D 6A    ROR A
$153E 6E 0B 04 ROR $040B
$1541 B0 03  BCS L_BRS_($1546)_($1541) OK
$1543 4C 37 15 JMP L_JMP_($1537)_($1543) OK
//-----
L_BRS_($1546)_($1541) OK
//-----

```

```
$1546 AD 01 DD LDA $DD01
$1549 29 FD AND #$FD
$154B 8D 01 DD STA $DD01
$154E 20 64 15 JSR L_JSR_($1564)_($154E) OK
$1551 AD 01 DD LDA $DD01
$1554 6A ROR A
$1555 6E 0B 04 ROR $040B
$1558 AD 0B 04 LDA $040B
$155B 49 FF EOR #$FF
$155D 8D 0B 04 STA $040B
$1560 EE 20 D0 INC $D020
$1563 60 RTS
//-----
L_JSR_($1564)_($1537) OK
L_JSR_($1564)_($154E) OK
L_JSR_($1564)_($156C) OK
//-----
$1564 A2 0D LDX #$0D
//-----
L_BRS_($1566)_($1567) OK
//-----
$1566 CA DEX
$1567 D0 FD BNE L_BRS_($1566)_($1567) OK
$1569 60 RTS
//-----
L_JSR_($156A)_($13D5) OK
//-----
$156A A0 00 LDY #$00
//-----
```

```

L_BRS_($156C)_($1570) OK
//-----
$156C 20 64 15 JSR L_JSR_($1564)_($156C) OK
$156F 88    DEY
$1570 D0 FA  BNE L_BRS_($156C)_($1570) OK
//-----
L_BRS_($1572)_($157C) OK
//-----
$1572 60    RTS
//-----
$1573      .byte $EB,$00,$FF,$00,$EF,$00,$FF,$00
$157B      .byte $F3
$157C 10 F4  BPL L_BRS_($1572)_($157C) OK
$157E      .byte $00,$F3,$00,$FF,$00,$FF
$1584 40    RTI
//-----
$1585      .byte $FF,$00,$FF,$00,$FF,$00,$FF,$00
$158D      .byte $FF,$00,$FF,$00,$FF,$00,$FF
$1594 CO BF  CPY # $BF
$1596      .byte $00,$7F,$00,$FF,$00,$FF
$159C 40    RTI
//-----
$159D      .byte $7F,$00,$FF,$00,$FF,$00,$FF,$00
$15A5      .byte $FF,$00,$BF,$00,$FF,$00,$FF,$00
$15AD      .byte $FF,$00,$FF,$00,$FF,$00,$FF
$15B4 40    RTI
//-----
$15B5      .byte $FF
$15B6 40    RTI

```

```

//-----
$15B7      .byte $BF,$00,$FF,$00,$FF
$15BC 40   RTI
//-----
$15BD      .byte $BF
$15BE 2E FF 00 ROL $00FF
$15C1      .byte $FF,$00,$FF,$00,$FF,$00,$FB,$00
$15C9      .byte $FF,$00,$FF,$00,$FF,$00,$FF,$00
$15D1      .byte $FF,$00,$FF,$00,$FF,$00,$FF,$00
$15D9      .byte $FF,$00,$FF,$00,$FF,$00,$FF,$00
$15E1      .byte $FF,$00,$FF,$00,$FF,$00,$E7,$00
$15E9      .byte $FF,$00,$FF,$00,$FF,$00,$FF,$00
$15F1      .byte $FF,$00,$FF,$00,$FF,$00,$FF,$00
$15F9      .byte $FF
$15FA 20 FF 00 JSR $00FF
$15FD      .byte $FF
$15FE EC 00 00 CPX $0000
$1601      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1609      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1611      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1619      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1621      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1629      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1631      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1639      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1641      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1649      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1651      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1659      .byte $00,$00,$00,$00,$00,$00,$00,$00

```

\$1661 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1669 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1671 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1679 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1681 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1689 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1691 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1699 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$16A1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$16A9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$16B1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$16B9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$16C1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$16C9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$16D1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$16D9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$16E1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$16E9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$16F1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$16F9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1701 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1709 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1711 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1719 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1721 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1729 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1731 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1739 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1741 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$1749 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1751 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1759 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1761 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1769 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1771 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1779 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1781 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1789 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1791 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1799 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$17A1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$17A9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$17B1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$17B9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$17C1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$17C9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$17D1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$17D9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$17E1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$17E9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$17F1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$17F9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$D7
\$1801 .byte \$00,\$00,\$EB,\$00,\$00,\$EB,\$00,\$00
\$1809 .byte \$D7,\$00,\$00,\$14,\$00,\$00,\$14,\$00
\$1811 .byte \$00,\$14,\$00,\$00,\$14,\$00,\$00,\$00
\$1819 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1821 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1829 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

```

$1831      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1839      .byte $00,$00,$00,$00,$00,$00
$183F 8A   TXA
$1840      .byte $0C,$00,$00
$1843 38   SEC
$1844      .byte $00,$00
$1846 39 00 00 AND $0000,Y
$1849 2A   ROL A
$184A      .byte $00,$00,$1B,$00,$00,$1B,$00,$00
$1852      .byte $5C,$00,$00
$1855 40   RTI
//-----
$1856      .byte $00,$00,$00,$00,$00,$00,$00,$00
$185E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1866      .byte $00,$00,$00,$00,$00,$00,$00,$00
$186E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1876      .byte $00,$00,$00,$00,$00,$00,$00,$00
$187E      .byte $00,$82,$0F,$00,$00
$1883 0A   ASL A
$1884      .byte $00,$00
$1886 0A   ASL A
$1887      .byte $00,$00
$1889 59 00 00 EOR $0000,Y
$188C 56 00 LSR $00,X
$188E      .byte $00
$188F 0A   ASL A
$1890      .byte $00,$00
$1892 0A   ASL A
$1893      .byte $00,$00,$0F,$00,$00,$00,$00,$00

```

```

$189B .byte $00,$00,$00,$00,$00,$00,$00,$00
$18A3 .byte $00,$00,$00,$00,$00,$00,$00,$00
$18AB .byte $00,$00,$00,$00,$00,$00,$00,$00
$18B3 .byte $00,$00,$00,$00,$00,$00,$00,$00
$18BB .byte $00,$00,$00,$00,$82
$18C0 40 RTI
//-----
$18C1 .byte $00,$00
$18C3 40 RTI
//-----
$18C4 .byte $00,$00,$13,$00,$00,$17,$00,$00
$18CC 06 00 ASL $00
$18CE .byte $00
$18CF EA NOP
$18D0 .byte $00,$00
$18D2 E9 00 SBC # $00
$18D4 .byte $00
$18D5 30 00 BMI L_BRS_($18D7)_($18D5) JAM
//-----
L_BRS_($18D7)_($18D5) JAM
//-----
$18D7 .byte $00,$00,$00,$00,$00,$00,$00,$00
$18DF .byte $00,$00,$00,$00,$00,$00,$00,$00
$18E7 .byte $00,$00,$00,$00,$00,$00,$00,$00
$18EF .byte $00,$00,$00,$00,$00,$00,$00,$00
$18F7 .byte $00,$00,$00,$00,$00,$00,$00,$00
$18FF .byte $82,$14,$00,$00,$14,$00,$00,$14
$1907 .byte $00,$00,$14,$00,$00,$D7,$00,$00
$190F .byte $EB,$00,$00,$EB,$00,$00,$D7,$00

```

```

$1917      .byte $00,$00,$00,$00,$00,$00,$00,$00
$191F      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1927      .byte $00,$00,$00,$00,$00,$00,$00,$00
$192F      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1937      .byte $00,$00,$00,$00,$00,$00,$00,$00
$193F      .byte $82
$1940 01 00  ORA ($00,X)
$1942      .byte $00
$1943 01 00  ORA ($00,X)
$1945      .byte $00
$1946 C4 00  CPY $00
$1948      .byte $00
$1949 E4 00  CPX $00
$194B      .byte $00
$194C A0 00  LDY # $00
$194E      .byte $00,$AB,$00,$00,$6B,$00,$00,$0C
$1956      .byte $00,$00,$00,$00,$00,$00,$00,$00
$195E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1966      .byte $00,$00,$00,$00,$00,$00,$00,$00
$196E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1976      .byte $00,$00,$00,$00,$00,$00,$00,$00
$197E      .byte $00,$82
$1980 F0 00  BEQ L_BRS_($1982)_($1980) JAM
//-----
L_BRS_($1982)_($1980) JAM
//-----
$1982      .byte $00
$1983 A0 00  LDY # $00
$1985      .byte $00

```

```

$1986 A0 00 LDY #$00
$1988 .byte $00
$1989 55 00 EOR $00,X
$198B .byte $00
$198C 55 00 EOR $00,X
$198E .byte $00
$198F A0 00 LDY #$00
$1991 .byte $00
$1992 A0 00 LDY #$00
$1994 .byte $00
$1995 F0 00 BEQ L_BRS_($1997)_($1995) JAM
//-----
L_BRS_($1997)_($1995) JAM
//-----
$1997 .byte $00,$00,$00,$00,$00,$00,$00,$00
$199F .byte $00,$00,$00,$00,$00,$00,$00,$00
$19A7 .byte $00,$00,$00,$00,$00,$00,$00,$00
$19AF .byte $00,$00,$00,$00,$00,$00,$00,$00
$19B7 .byte $00,$00,$00,$00,$00,$00,$00,$00
$19BF .byte $82
$19C0 30 00 BMI L_BRS_($19C2)_($19C0) JAM
//-----
L_BRS_($19C2)_($19C0) JAM
//-----
$19C2 .byte $00
$19C3 2C 00 00 BIT $0000
$19C6 6C 00 00 JMP ($0000)
$19C9 68 PLA
$19CA .byte $00,$00

```

```
$19CC E4 00 CPX $00
$19CE      .byte $00
$19CF E4 00 CPX $00
$19D1      .byte $00
$19D2 35 00 AND $00,X
$19D4      .byte $00
$19D5 01 00 ORA ($00,X)
$19D7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$19DF      .byte $00,$00,$00,$00,$00,$00,$00,$00
$19E7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$19EF      .byte $00,$00,$00,$00,$00,$00,$00,$00
$19F7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$19FF      .byte $82
$1A00 30 00 BMI L_BRS_($1A02)_($1A00) JAM
//-----
L_BRS_($1A02)_($1A00) JAM
//-----
$1A02      .byte $00
$1A03 30 00 BMI L_BRS_($1A05)_($1A03) JAM
//-----
L_BRS_($1A05)_($1A03) JAM
//-----
$1A05      .byte $00
$1A06 30 00 BMI L_BRS_($1A08)_($1A06) JAM
//-----
L_BRS_($1A08)_($1A06) JAM
//-----
$1A08      .byte $00
$1A09 30 00 BMI L_BRS_($1A0B)_($1A09) JAM
```

```

//-----
L_BRS_($1A0B)_($1A09) JAM
//-----
$1A0B      .byte $00
$1A0C 30 00  BMI L_BRS_($1A0E)_($1A0C) JAM
//-----
L_BRS_($1A0E)_($1A0C) JAM
//-----
$1A0E      .byte $00
$1A0F A8    TAY
$1A10      .byte $00,$00
$1A12 10 00  BPL L_BRS_($1A14)_($1A12) JAM
//-----
L_BRS_($1A14)_($1A12) JAM
//-----
$1A14      .byte $00
$1A15 20 00 00 JSR $0000
$1A18      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1A20      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1A28      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1A30      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1A38      .byte $00,$00,$00,$00,$00,$00,$00
$1A3F 8E 03 00 STX $0003
$1A42      .byte $00,$03,$00,$00,$0C,$00,$00
$1A49 8C 00 00 STY $0000
$1A4C A0 00  LDY # $00
$1A4E      .byte $00
$1A4F 68    PLA
$1A50      .byte $00,$00

```

\$1A52 98 TYA
\$1A53 .byte \$00,\$00,\$80,\$00,\$00,\$00,\$00,\$00
\$1A5B .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1A63 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1A6B .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1A73 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1A7B .byte \$00,\$00,\$00,\$00
\$1A7F 8E 00 00 STX \$0000
\$1A82 .byte \$00,\$00,\$00,\$00
\$1A86 20 00 00 JSR \$0000
\$1A89 .byte \$AF,\$00,\$00,\$6F,\$00,\$00
\$1A8F 20 00 00 JSR \$0000
\$1A92 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1A9A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1AA2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1AAA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1AB2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1ABA .byte \$00,\$00,\$00,\$00,\$00
\$1ABF 8E 80 00 STX \$0080
\$1AC2 .byte \$00
\$1AC3 98 TYA
\$1AC4 .byte \$00,\$00
\$1AC6 68 PLA
\$1AC7 .byte \$00,\$00
\$1AC9 A0 00 LDY # \$00
\$1ACB .byte \$00
\$1ACC 8C 00 00 STY \$0000
\$1ACF .byte \$0C,\$00,\$00,\$03,\$00,\$00,\$03,\$00
\$1AD7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00


```

$1ADF      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1AE7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1AEF      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1AF7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1AFF 8E 20 00 STX $0020
$1B02      .byte $00
$1B03 10 00  BPL L_BRS_($1B05)_($1B03) JAM
//-----
L_BRS_($1B05)_($1B03) JAM
//-----
$1B05      .byte $00
$1B06 A8    TAY
$1B07      .byte $00,$00
$1B09 30 00  BMI L_BRS_($1B0B)_($1B09) JAM
//-----
L_BRS_($1B0B)_($1B09) JAM
//-----
$1B0B      .byte $00
$1B0C 30 00  BMI L_BRS_($1B0E)_($1B0C) JAM
//-----
L_BRS_($1B0E)_($1B0C) JAM
//-----
$1B0E      .byte $00
$1B0F 30 00  BMI L_BRS_($1B11)_($1B0F) JAM
//-----
L_BRS_($1B11)_($1B0F) JAM
//-----
$1B11      .byte $00
$1B12 30 00  BMI L_BRS_($1B14)_($1B12) JAM

```

```

//-----
L_BRS_($1B14)_($1B12) JAM
//-----
$1B14      .byte $00
$1B15 30 00  BMI L_BRS_($1B17)_($1B15) JAM
//-----
L_BRS_($1B17)_($1B15) JAM
//-----
$1B17      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1B1F      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1B27      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1B2F      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1B37      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1B3F 8E 02 00  STX $0002
$1B42      .byte $00
$1B43 26 00  ROL $00
$1B45      .byte $00
$1B46 29 00  AND # $00
$1B48      .byte $00
$1B49 0A     ASL A
$1B4A      .byte $00,$00,$32,$00,$00
$1B4F 30 00  BMI L_BRS_($1B51)_($1B4F) JAM
//-----
L_BRS_($1B51)_($1B4F) JAM
//-----
$1B51      .byte $00
$1B52 C0 00  CPY # $00
$1B54      .byte $00
$1B55 C0 00  CPY # $00

```

```

$1B57      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1B5F      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1B67      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1B6F      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1B77      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1B7F 8E 00 00 STX $0000
$1B82      .byte $00,$00,$00,$00
$1B86 08    PHP
$1B87      .byte $00,$00,$FA,$00,$00
$1B8C F9 00 00 SBC $0000,Y
$1B8F 08    PHP
$1B90      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1B98      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1BA0      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1BA8      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1BB0      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1BB8      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1BBF 8E C0 00 STX $00C0
$1BC2      .byte $00
$1BC3 C0 00  CPY # $00
$1BC5      .byte $00
$1BC6 30 00  BMI L_BRS_($1BC8)_($1BC6) JAM
//-----
L_BRS_($1BC8)_($1BC6) JAM
//-----
$1BC8      .byte $00,$32,$00,$00
$1BCC 0A    ASL A
$1BCD      .byte $00,$00
$1BCF 29 00  AND # $00

```

```
$1BD1    .byte $00
$1BD2 26 00    ROL $00

$1BD4    .byte $00,$02,$00,$00,$00,$00,$00,$00
$1BDC    .byte $00,$00,$00,$00,$00,$00,$00,$00
$1BE4    .byte $00,$00,$00,$00,$00,$00,$00,$00
$1BEC    .byte $00,$00,$00,$00,$00,$00,$00,$00
$1BF4    .byte $00,$00,$00,$00,$00,$00,$00,$00
$1BFC    .byte $00,$00,$00

$1BFF 8E 00 00    STX $0000

$1C02    .byte $00,$02,$0C,$00

$1C06 0A    ASL A
$1C07 8C 00 0A    STY $0A00
$1C0A 8C 00 0A    STY $0A00
$1C0D AC 00 16    LDY $1600
$1C10    .byte $5C,$00
$1C12 15 50    ORA $50,X
$1C14    .byte $00
$1C15 25 60    AND $60
$1C17    .byte $00
$1C18 06 40    ASL $40
$1C1A    .byte $00
$1C1B 0A    ASL A
$1C1C    .byte $80,$00
$1C1E 0A    ASL A
$1C1F    .byte $80,$00
$1C21 08    PHP
$1C22    .byte $80,$00,$04
$1C25 40    RTI
```

```
//-----
```

```

$1C26      .byte $00
$1C27 08   PHP
$1C28      .byte $80,$00,$00,$00,$00,$00,$00,$00
$1C30      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1C38      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1C40      .byte $00,$00,$00,$02,$80,$00
$1C46 0A   ASL A
$1C47 B0 00  BCS L_BRS_($1C49)_($1C47) OK
//-----
L_BRS_($1C49)_($1C47) OK
//-----
$1C49 0A   ASL A
$1C4A F0 00  BEQ L_BRS_($1C4C)_($1C4A) JAM
//-----
L_BRS_($1C4C)_($1C4A) JAM
//-----
$1C4C      .byte $0B
$1C4D F0 00  BEQ L_BRS_($1C4F)_($1C4D) JAM
//-----
L_BRS_($1C4F)_($1C4D) JAM
//-----
$1C4F      .byte $2B
$1C50 F0 00  BEQ L_BRS_($1C52)_($1C50) JAM
//-----
L_BRS_($1C52)_($1C50) JAM
//-----
$1C52      .byte $17
$1C53 50 00  BVC L_BRS_($1C55)_($1C53) OK
//-----

```

L_BRS_(\$1C55)_(\$1C53) OK

//-----

\$1C55 26 70 ROL \$70

\$1C57 .byte \$00

\$1C58 0A ASL A

\$1C59 60 RTS

//-----

\$1C5A .byte \$00

\$1C5B 0A ASL A

\$1C5C .byte \$80,\$00

\$1C5E 0A ASL A

\$1C5F .byte \$80,\$00,\$04,\$80,\$00,\$00

\$1C65 60 RTS

//-----

\$1C66 .byte \$00,\$00

\$1C68 40 RTI

//-----

\$1C69 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$1C71 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$1C79 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$1C81 .byte \$00,\$00,\$00,\$00,\$00

\$1C86 08 PHP

\$1C87 .byte \$00,\$00,\$2F,\$00,\$00,\$FF,\$00,\$00

\$1C8F .byte \$FF,\$00,\$00

\$1C92 E6 80 INC \$80

\$1C94 .byte \$00

\$1C95 26 40 ROL \$40

\$1C97 .byte \$00

\$1C98 1D 40 00 ORA \$0040,X

\$1C9B 19 80 00 ORA \$0080,Y
\$1C9E 2A ROL A
\$1C9F .byte \$00,\$00
\$1CA1 06 00 ASL \$00
\$1CA3 .byte \$00,\$04,\$00,\$00
\$1CA7 05 00 ORA \$00
\$1CA9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1CB1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1CB9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1CC1 .byte \$00,\$00,\$00,\$00,\$00
\$1CC6 0A ASL A
\$1CC7 .byte \$00,\$00
\$1CC9 FD 00 00 SBC \$0000,X
\$1CCC FD 00 00 SBC \$0000,X
\$1CCF FD 00 00 SBC \$0000,X
\$1CD2 .byte \$1A,\$80,\$00
\$1CD5 19 40 00 ORA \$0040,Y
\$1CD8 35 80 AND \$80,X
\$1CDA .byte \$00
\$1CDB 16 00 ASL \$00,X
\$1CDD .byte \$00
\$1CDE 2A ROL A
\$1CDF .byte \$00,\$00
\$1CE1 19 00 00 ORA \$0000,Y
\$1CE4 .byte \$04,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1CEC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1CF4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1CFC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1D04 .byte \$00,\$00,\$00,\$00,\$00,\$02,\$00,\$00

```

$1D0C    .byte $3A,$80,$00
$1D0F 35 60  AND $60,X
$1D11    .byte $00
$1D12 39 90 00 AND $0090,Y
$1D15    .byte $3A
$1D16 90 00  BCC L_BRS_($1D18)_($1D16) JAM
//-----
L_BRS_($1D18)_($1D16) JAM
//-----
$1D18    .byte $1A
$1D19 60    RTS
//-----
$1D1A    .byte $00
$1D1B 35 80  AND $80,X
$1D1D    .byte $00,$1A,$80,$00
$1D21 38    SEC
$1D22    .byte $80,$00,$00
$1D25 40    RTI
//-----
$1D26    .byte $00,$00,$00,$00,$00,$00,$00,$00
$1D2E    .byte $00,$00,$00,$00,$00,$00,$00,$00
$1D36    .byte $00,$00,$00,$00,$00,$00,$00,$00
$1D3E    .byte $00,$00,$00,$00,$00,$00,$00,$00
$1D46    .byte $00,$00,$00
$1D49 3E 80 00 ROL $0080,X
$1D4C 3D 60 00 AND $0060,X
$1D4F 3D A0 00 AND $00A0,X
$1D52 06 98  ASL $98
$1D54    .byte $00

```



```

$1D55 0E 98 00 ASL $0098
$1D58 05 60  ORA $60
$1D5A      .byte $00
$1D5B 0A    ASL A
$1D5C A0 00 LDY # $00
$1D5E      .byte $02
$1D5F 10 00 BPL L_BRS_($1D61)_($1D5F) OK
//-----
L_BRS_($1D61)_($1D5F) OK
//-----
$1D61 0A    ASL A
$1D62 60    RTS
//-----
$1D63      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1D6B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1D73      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1D7B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1D83      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1D8B      .byte $00
$1D8C 0E 00 00 ASL $0000
$1D8F 0D 80 00 ORA $0080
$1D92 0E 40 00 ASL $0040
$1D95 0D 40 00 ORA $0040
$1D98      .byte $02,$80,$00,$02,$80,$00,$02
$1D9F 40    RTI
//-----
$1DA0      .byte $00
$1DA1 01 40  ORA ($40,X)
$1DA3      .byte $00,$00,$00,$00,$00,$00,$00,$00

```

\$1DAB .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1DB3 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1DBB .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1DC3 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1DCB .byte \$00
\$1DCC 0E 00 00 ASL \$0000
\$1DCF 0D 80 00 ORA \$0080
\$1DD2 0E 80 00 ASL \$0080
\$1DD5 0D 40 00 ORA \$0040
\$1DD8 .byte \$02,\$80,\$00
\$1DDB 01 80 ORA (\$80,X)
\$1DDD .byte \$00
\$1DDE 01 80 ORA (\$80,X)
\$1DE0 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1DE8 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1DF0 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1DF8 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1E00 .byte \$00,\$00,\$00
\$1E03 08 PHP
\$1E04 .byte \$00,\$00,\$0B
\$1E07 C8 INY
\$1E08 .byte \$00,\$2F
\$1E0A C8 INY
\$1E0B .byte \$00,\$2F
\$1E0D C8 INY
\$1E0E .byte \$00,\$9F
\$1E10 C8 INY
\$1E11 .byte \$00,\$97
\$1E13 58 CLI

```
$1E14      .byte $00,$17,$54,$00
$1E18 0A    ASL A
$1E19 94 00  STY $00,X
$1E1B 0A    ASL A
$1E1C 90 00  BCC L_BRS_($1E1E)_($1E1C) OK
//-----
L_BRS_($1E1E)_($1E1C) OK
//-----
$1E1E 06 80  ASL $80
$1E20      .byte $00,$04
$1E22 40    RTI
//-----
$1E23      .byte $00,$0C
$1E25 C0 00  CPY # $00
$1E27      .byte $04
$1E28 40    RTI
//-----
$1E29      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1E31      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1E39      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1E41      .byte $00,$00,$00,$00,$00,$03
$1E47 C0 00  CPY # $00
$1E49      .byte $0F
$1E4A E0 00  CPX # $00
$1E4C      .byte $0F
$1E4D E0 00  CPX # $00
$1E4F      .byte $0F
$1E50 C8    INY
$1E51      .byte $00
```

```

$1E52 0D 68 00 ORA $0068
$1E55 05 A0 ORA $A0
$1E57 .byte $00
$1E58 05 80 ORA $80
$1E5A .byte $00
$1E5B 09 80 ORA #80
$1E5D .byte $00
$1E5E 06 80 ASL $80
$1E60 .byte $00,$04
$1E62 40 RTI
//-----
$1E63 .byte $00,$00
$1E65 F0 00 BEQ L_BRS_($1E67)_($1E65) JAM
//-----
L_BRS_($1E67)_($1E65) JAM
//-----
$1E67 .byte $00,$00,$00,$00,$00,$00,$00,$00,$00
$1E6F .byte $00,$00,$00,$00,$00,$00,$00,$00,$00
$1E77 .byte $00,$00,$00,$00,$00,$00,$00,$00,$00
$1E7F .byte $00,$00,$00,$00,$00,$00,$00,$00,$00
$1E87 20 00 03 JSR $0300
$1E8A E0 00 CPX #80
$1E8C .byte $0F
$1E8D 60 RTS
//-----
$1E8E .byte $00,$0F
$1E90 60 RTS
//-----
$1E91 .byte $00

```

```
$1E92 0D 60 00 ORA $0060
$1E95 06 A0 ASL $A0
$1E97 .byte $00
$1E98 06 A0 ASL $A0
$1E9A .byte $00
$1E9B 05 AA ORA $AA
$1E9D .byte $00,$02,$00,$00
$1EA1 01 00 ORA ($00,X)
$1EA3 .byte $00,$03
$1EA5 40 RTI
//-----
$1EA6 .byte $00,$00,$00,$00,$00,$00,$00,$00
$1EAE .byte $00,$00,$00,$00,$00,$00,$00,$00
$1EB6 .byte $00,$00,$00,$00,$00,$00,$00,$00
$1EBE .byte $00,$00,$00,$00,$00,$00,$00,$00
$1EC6 .byte $00,$00,$00,$07
$1ECA C0 00 CPY # $00
$1ECC 0D 40 00 ORA $0040
$1ECF 0D 40 00 ORA $0040
$1ED2 06 80 ASL $80
$1ED4 .byte $00,$1A
$1ED6 A0 00 LDY # $00
$1ED8 .byte $1A
$1ED9 A0 00 LDY # $00
$1EDB 0A ASL A
$1EDC A0 00 LDY # $00
$1EDE 0A ASL A
$1EDF .byte $80,$00
$1EE1 0E 80 00 ASL $0080
```

```

$1EE4      .byte $04,$80,$00,$00,$00,$00,$00,$00
$1EEC      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1EF4      .byte $00,$00,$00,$00,$00,$00,$00,$00
//-----
L_JSR_($1F00)_($CACE) JAM
//-----
$1EFC      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1F04      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1F0C      .byte $0F
$1F0D C0 00  CPY # $00
$1F0F 55 50  EOR $50,X
$1F11      .byte $00
$1F12 45 50  EOR $50
$1F14      .byte $00
$1F15 49 90  EOR # $90
$1F17      .byte $00
$1F18 8A    TXA
$1F19 A0 00  LDY # $00
$1F1B 8A    TXA
$1F1C A8    TAY
$1F1D      .byte $00,$8B
$1F1F A0 00  LDY # $00
$1F21 84 40  STY $40
$1F23      .byte $00,$80,$00,$00,$00,$00,$00,$00
$1F2B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1F33      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1F3B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1F43      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1F4B      .byte $00,$03

```

```

$1F4D C0 00  CPY # $00
$1F4F 01 C0  ORA ( $C0,X)
$1F51      .byte $00
$1F52 01 C0  ORA ( $C0,X)
$1F54      .byte $00
$1F55 01 40  ORA ( $40,X)
$1F57      .byte $00,$02,$80,$00,$0B,$80,$00
$1F5E 2A     ROL A
$1F5F      .byte $80,$00,$02
$1F62 C0 00  CPY # $00
$1F64      .byte $00
$1F65 40     RTI
//-----
$1F66      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1F6E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1F76      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1F7E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1F86      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1F8E      .byte $00,$03
$1F90 C0 00  CPY # $00
$1F92 01 C0  ORA ( $C0,X)
$1F94      .byte $00,$02
$1F96 40     RTI
//-----
$1F97      .byte $00
$1F98 0A     ASL A
$1F99      .byte $80,$00,$02,$80,$00,$02
$1F9F 40     RTI
//-----

```

```
$1FA0 .byte $00,$00,$00,$00,$00,$00,$00,$00
$1FA8 .byte $00,$00,$00,$00,$00,$00,$00,$00
$1FB0 .byte $00,$00,$00,$00,$00,$00,$00,$00
$1FB8 .byte $00,$00,$00,$00,$00,$00,$00,$00
$1FC0 .byte $00,$00,$00,$00,$00,$00,$00,$00
$1FC8 .byte $00,$00,$00,$00,$00,$00,$00,$03
$1FD0 CO 00 CPY #00
$1FD2 .byte $0B
$1FD3 CO 00 CPY #00
$1FD5 0A ASL A
$1FD6 90 00 BCC L_BRS_($1FD8)_($1FD6) OK
//-----
L_BRS_($1FD8)_($1FD6) OK
//-----
$1FD8 0A ASL A
$1FD9 90 00 BCC L_BRS_($1FDB)_($1FD9) OK
//-----
L_BRS_($1FDB)_($1FD9) OK
//-----
$1FDB 09 40 ORA #40
$1FDD .byte $00
$1FDE 01 40 ORA ($40,X)
$1FE0 .byte $00,$00,$00,$00,$00,$00,$00,$00
$1FE8 .byte $00,$00,$00,$00,$00,$00,$00,$00
$1FF0 .byte $00,$00,$00,$00,$00,$00,$00,$00
$1FF8 .byte $00,$00,$00,$00,$00,$00,$00,$F8
//-----
L_JSR_($2000)_($9B67) OK
//-----
```


\$2000 0A ASL A
\$2001 0A ASL A
\$2002 0A ASL A
\$2003 0A ASL A
\$2004 0A ASL A
\$2005 0A ASL A
\$2006 0A ASL A
\$2007 0A ASL A
\$2008 0A ASL A
\$2009 0A ASL A
\$200A 0A ASL A
\$200B 0A ASL A
\$200C 0A ASL A
\$200D 0A ASL A
\$200E 0A ASL A
\$200F 0A ASL A

//-----

L_JSR_(\$2010)_(\$6031) OK

//-----

\$2010 0A ASL A
\$2011 0A ASL A
\$2012 0A ASL A
\$2013 0A ASL A
\$2014 0A ASL A
\$2015 0A ASL A
\$2016 0A ASL A
\$2017 0A ASL A
\$2018 0A ASL A
\$2019 0A ASL A

\$201A 0A	ASL A
\$201B 0A	ASL A
\$201C 0A	ASL A
\$201D 0A	ASL A
\$201E 0A	ASL A
\$201F 0A	ASL A
\$2020 0A	ASL A
\$2021 0A	ASL A
\$2022 0A	ASL A
\$2023 0A	ASL A
\$2024 0A	ASL A
\$2025 0A	ASL A
\$2026 0A	ASL A
\$2027 0A	ASL A
\$2028 0A	ASL A
\$2029 0A	ASL A
\$202A 0A	ASL A
\$202B 0A	ASL A
\$202C 0A	ASL A
\$202D 0A	ASL A
\$202E 0A	ASL A
\$202F 0A	ASL A
\$2030 0A	ASL A
\$2031 0A	ASL A
\$2032 0A	ASL A
\$2033 0A	ASL A
\$2034 0A	ASL A
\$2035 0A	ASL A
\$2036 0A	ASL A

\$2037	0A	ASL A
\$2038	0A	ASL A
\$2039	0A	ASL A
\$203A	0A	ASL A
\$203B	0A	ASL A
\$203C	0A	ASL A
\$203D	0A	ASL A
\$203E	0A	ASL A
\$203F	0A	ASL A
\$2040	0A	ASL A
\$2041	0A	ASL A
\$2042	0A	ASL A
\$2043	0A	ASL A
\$2044	0A	ASL A
\$2045	0A	ASL A
\$2046	0A	ASL A
\$2047	0A	ASL A
\$2048	0A	ASL A
\$2049	0A	ASL A
\$204A	0A	ASL A
\$204B	0A	ASL A
\$204C	0A	ASL A
\$204D	0A	ASL A
\$204E	0A	ASL A
\$204F	0A	ASL A
\$2050	0A	ASL A
\$2051	0A	ASL A
\$2052	0A	ASL A
\$2053	0A	ASL A

\$2054	0A	ASL A
\$2055	0A	ASL A
\$2056	0A	ASL A
\$2057	0A	ASL A
\$2058	0A	ASL A
\$2059	0A	ASL A
\$205A	0A	ASL A
\$205B	0A	ASL A
\$205C	0A	ASL A
\$205D	0A	ASL A
\$205E	0A	ASL A
\$205F	0A	ASL A
\$2060	0A	ASL A
\$2061	0A	ASL A
\$2062	0A	ASL A
\$2063	0A	ASL A
\$2064	0A	ASL A
\$2065	0A	ASL A
\$2066	0A	ASL A
\$2067	0A	ASL A
\$2068	0A	ASL A
\$2069	0A	ASL A
\$206A	0A	ASL A
\$206B	0A	ASL A
\$206C	0A	ASL A
\$206D	0A	ASL A
\$206E	0A	ASL A
\$206F	0A	ASL A
\$2070	0A	ASL A

\$2071 0A ASL A
\$2072 0A ASL A
\$2073 0A ASL A
\$2074 0A ASL A
\$2075 0A ASL A
\$2076 0A ASL A
\$2077 0A ASL A
\$2078 0A ASL A
\$2079 0A ASL A
\$207A 0A ASL A
\$207B 0A ASL A
\$207C 0A ASL A
\$207D 0A ASL A
\$207E 0A ASL A
\$207F 0A ASL A
\$2080 0A ASL A

//-----

L_JSR_(\$2081)_(\$0A44) OK

//-----

\$2081 0A ASL A
\$2082 0A ASL A
\$2083 0A ASL A
\$2084 08 PHP
\$2085 08 PHP
\$2086 08 PHP
\$2087 08 PHP
\$2088 08 PHP
\$2089 08 PHP

\$208A 0E 0E 0A ASL \$0A0E

\$208D 0A ASL A
\$208E .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2096 .byte \$0B,\$0B,\$0B,\$0B
\$209A 0A ASL A
\$209B 0A ASL A
\$209C .byte \$0B,\$0B,\$0B,\$0B,\$0B
\$20A1 08 PHP
\$20A2 08 PHP
\$20A3 08 PHP
\$20A4 08 PHP
\$20A5 08 PHP
\$20A6 0A ASL A
\$20A7 0A ASL A
\$20A8 08 PHP
\$20A9 08 PHP
\$20AA 08 PHP
\$20AB 08 PHP
\$20AC 08 PHP
\$20AD 08 PHP
\$20AE 08 PHP
\$20AF 08 PHP
\$20B0 08 PHP
\$20B1 08 PHP
\$20B2 0A ASL A
\$20B3 0A ASL A
\$20B4 08 PHP
\$20B5 08 PHP
\$20B6 08 PHP
\$20B7 08 PHP

```
$20B8 08    PHP
$20B9 08    PHP
$20BA 08    PHP
$20BB 08    PHP
$20BC 08    PHP
$20BD 08    PHP
$20BE 01 01  ORA ($01,X)
$20C0 0A    ASL A
$20C1 0A    ASL A
$20C2 0A    ASL A
$20C3 0A    ASL A
$20C4 08    PHP
$20C5 08    PHP
$20C6 08    PHP
$20C7 08    PHP
$20C8 08    PHP
$20C9 08    PHP
$20CA 0E 0E 0A  ASL $0A0E
$20CD 0A    ASL A
$20CE      .byte $0B,$0B,$0B,$0B,$0B,$0B,$0B,$0B
$20D6      .byte $0B,$0B,$0B,$0B
$20DA 0A    ASL A
$20DB 0A    ASL A
//-----
L_JSR_($20E0)_($9B52) JAM
//-----
$20DC      .byte $0B,$0B,$0B,$0B,$0B
$20E1 08    PHP
$20E2 08    PHP
```

\$20E3	08	PHP
\$20E4	08	PHP
\$20E5	08	PHP
\$20E6	0A	ASL A
\$20E7	0A	ASL A
\$20E8	08	PHP
\$20E9	08	PHP
\$20EA	08	PHP
\$20EB	08	PHP
\$20EC	08	PHP
\$20ED	08	PHP
\$20EE	08	PHP
\$20EF	08	PHP
\$20F0	08	PHP
\$20F1	08	PHP
\$20F2	0A	ASL A
\$20F3	0A	ASL A
\$20F4	08	PHP
\$20F5	08	PHP
\$20F6	08	PHP
\$20F7	08	PHP
\$20F8	08	PHP
\$20F9	08	PHP
\$20FA	08	PHP
\$20FB	08	PHP
\$20FC	08	PHP
\$20FD	08	PHP
\$20FE		.byte \$00,\$00
\$2100	0A	ASL A

\$2101 0A ASL A
\$2102 08 PHP
\$2103 08 PHP
\$2104 08 PHP
\$2105 08 PHP
\$2106 08 PHP
\$2107 08 PHP
\$2108 08 PHP
\$2109 08 PHP
\$210A 08 PHP
\$210B 08 PHP
\$210C 0A ASL A
\$210D 0A ASL A
\$210E .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2116 .byte \$0B,\$0B,\$0B,\$0B
\$211A 0A ASL A
\$211B 0A ASL A
\$211C .byte \$0B,\$0B,\$0B,\$0B
\$2120 08 PHP
\$2121 08 PHP
\$2122 08 PHP
\$2123 08 PHP
\$2124 08 PHP
\$2125 08 PHP
\$2126 08 PHP
\$2127 08 PHP
\$2128 08 PHP
\$2129 08 PHP
\$212A 08 PHP

\$212B 08 PHP
\$212C 08 PHP
\$212D 08 PHP
\$212E 08 PHP
\$212F 08 PHP
\$2130 .byte \$0B,\$0B
\$2132 0A ASL A
\$2133 0A ASL A
\$2134 08 PHP
\$2135 08 PHP
\$2136 08 PHP
\$2137 08 PHP
\$2138 08 PHP
\$2139 08 PHP
\$213A 08 PHP
\$213B 08 PHP
\$213C 08 PHP
\$213D 08 PHP
\$213E 08 PHP
\$213F 08 PHP
\$2140 0A ASL A
\$2141 0A ASL A
\$2142 08 PHP
\$2143 08 PHP
\$2144 08 PHP
\$2145 08 PHP
\$2146 08 PHP
\$2147 08 PHP
\$2148 08 PHP

\$2149 08 PHP
\$214A 08 PHP
\$214B 08 PHP
\$214C 0A ASL A
\$214D 0A ASL A
\$214E .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2156 .byte \$0B,\$0B,\$0B,\$0B
\$215A 0A ASL A
\$215B 0A ASL A
\$215C .byte \$0B,\$0B,\$0B,\$0B
\$2160 08 PHP
\$2161 08 PHP
\$2162 08 PHP
\$2163 08 PHP
\$2164 08 PHP
\$2165 08 PHP
\$2166 08 PHP
\$2167 08 PHP
\$2168 08 PHP
\$2169 08 PHP
\$216A 08 PHP
\$216B 08 PHP
\$216C 08 PHP
\$216D 08 PHP
\$216E 08 PHP
\$216F 08 PHP
\$2170 .byte \$0B,\$0B
\$2172 0A ASL A
\$2173 0A ASL A

\$2174 08 PHP
\$2175 08 PHP
\$2176 08 PHP
\$2177 08 PHP
\$2178 08 PHP
\$2179 08 PHP
\$217A 08 PHP
\$217B 08 PHP
\$217C 08 PHP
\$217D 08 PHP
\$217E 08 PHP
\$217F 08 PHP
\$2180 0A ASL A
\$2181 0A ASL A
\$2182 08 PHP
\$2183 08 PHP
\$2184 08 PHP
\$2185 08 PHP
\$2186 08 PHP
\$2187 08 PHP
\$2188 08 PHP
\$2189 .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2191 .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2199 .byte \$0B
\$219A 0A ASL A
\$219B 0A ASL A
\$219C .byte \$0B,\$0B,\$0B,\$0B
\$21A0 08 PHP
\$21A1 08 PHP

\$21A2 08	PHP
\$21A3 08	PHP
\$21A4 08	PHP
\$21A5 08	PHP
\$21A6 08	PHP
\$21A7 08	PHP
\$21A8 08	PHP
\$21A9 08	PHP
\$21AA 08	PHP
\$21AB 08	PHP
\$21AC 08	PHP
\$21AD 08	PHP
\$21AE 08	PHP
\$21AF 08	PHP
\$21B0 08	PHP
\$21B1 08	PHP
\$21B2 0A	ASL A
\$21B3 0A	ASL A
\$21B4 08	PHP
\$21B5 08	PHP
\$21B6 08	PHP
\$21B7 08	PHP
\$21B8 08	PHP
\$21B9 08	PHP
\$21BA	.byte \$0B,\$0B
\$21BC 08	PHP
\$21BD 08	PHP
\$21BE 08	PHP
\$21BF 08	PHP

\$21C0 0A ASL A
\$21C1 0A ASL A
\$21C2 08 PHP
\$21C3 08 PHP
\$21C4 08 PHP
\$21C5 08 PHP
\$21C6 08 PHP
\$21C7 08 PHP
\$21C8 .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$21D0 .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$21D8 .byte \$0B,\$0B
\$21DA 0A ASL A
\$21DB 0A ASL A
\$21DC .byte \$0B,\$0B,\$0B,\$0B
\$21E0 08 PHP
\$21E1 08 PHP
\$21E2 08 PHP
\$21E3 08 PHP
\$21E4 08 PHP
\$21E5 08 PHP
\$21E6 08 PHP
\$21E7 08 PHP
\$21E8 08 PHP
\$21E9 08 PHP
\$21EA 08 PHP
\$21EB 08 PHP
\$21EC 08 PHP
\$21ED 08 PHP
\$21EE 08 PHP

\$21EF 08 PHP
\$21F0 08 PHP
\$21F1 08 PHP
\$21F2 0A ASL A
\$21F3 0A ASL A
\$21F4 08 PHP
\$21F5 08 PHP
\$21F6 08 PHP
\$21F7 08 PHP
\$21F8 08 PHP
\$21F9 08 PHP
\$21FA .byte \$0B,\$0B
\$21FC 08 PHP
\$21FD 08 PHP
\$21FE 08 PHP
\$21FF 08 PHP
\$2200 0A ASL A
\$2201 0A ASL A
\$2202 08 PHP
\$2203 08 PHP
\$2204 08 PHP
\$2205 08 PHP
\$2206 08 PHP
\$2207 08 PHP
\$2208 .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2210 .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2218 .byte \$0B,\$0B
\$221A 0A ASL A
\$221B 0A ASL A

\$221C .byte \$0B,\$0B,\$0B,\$0B

\$2220 08 PHP

//-----

L_JSR_(\$2221)_(\$8E20) OK

L_JSR_(\$2221)_(\$8E60) OK

//-----

\$2221 08 PHP

\$2222 08 PHP

\$2223 08 PHP

\$2224 08 PHP

\$2225 08 PHP

\$2226 08 PHP

\$2227 08 PHP

\$2228 08 PHP

\$2229 08 PHP

\$222A 08 PHP

\$222B 08 PHP

\$222C 08 PHP

\$222D 08 PHP

\$222E 08 PHP

\$222F 08 PHP

\$2230 08 PHP

\$2231 08 PHP

\$2232 0A ASL A

\$2233 0A ASL A

\$2234 08 PHP

\$2235 08 PHP

\$2236 08 PHP

\$2237 08 PHP

\$2238	08	PHP
\$2239	08	PHP
\$223A	08	PHP
\$223B	08	PHP
\$223C	08	PHP
\$223D	08	PHP
\$223E	08	PHP
\$223F	08	PHP
\$2240	0A	ASL A
\$2241	0A	ASL A
\$2242	08	PHP
\$2243	08	PHP
\$2244	08	PHP
\$2245	08	PHP
\$2246	08	PHP
\$2247	08	PHP
\$2248		.byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2250		.byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2258		.byte \$0B,\$0B
\$225A	0A	ASL A
\$225B	0A	ASL A
\$225C		.byte \$0B,\$0B,\$0B,\$0B
\$2260	08	PHP
\$2261	08	PHP
\$2262	08	PHP
\$2263	08	PHP
\$2264	08	PHP
\$2265	08	PHP
\$2266	08	PHP

\$2267 08	PHP
\$2268 08	PHP
\$2269 08	PHP
\$226A 08	PHP
\$226B 08	PHP
\$226C 08	PHP
\$226D 08	PHP
\$226E 08	PHP
\$226F 08	PHP
\$2270 08	PHP
\$2271 08	PHP
\$2272 0A	ASL A
\$2273 0A	ASL A
\$2274 08	PHP
\$2275 08	PHP
\$2276 08	PHP
\$2277 08	PHP
\$2278 08	PHP
\$2279 08	PHP
\$227A 08	PHP
\$227B 08	PHP
\$227C 08	PHP
\$227D 08	PHP
\$227E 08	PHP
\$227F 08	PHP
\$2280 0A	ASL A
\$2281 0A	ASL A
\$2282 08	PHP
\$2283 08	PHP

\$2284 08 PHP
\$2285 08 PHP
\$2286 08 PHP
\$2287 08 PHP
\$2288 .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2290 .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2298 .byte \$0B,\$0B
\$229A 0A ASL A
\$229B 0A ASL A
\$229C .byte \$0B,\$0B,\$0B,\$0B
\$22A0 08 PHP
\$22A1 08 PHP
\$22A2 08 PHP
\$22A3 08 PHP
\$22A4 08 PHP
\$22A5 08 PHP
\$22A6 0A ASL A
\$22A7 0A ASL A
\$22A8 08 PHP
\$22A9 08 PHP
\$22AA 0A ASL A
\$22AB 0A ASL A
\$22AC 08 PHP
\$22AD 08 PHP
\$22AE 08 PHP
\$22AF 08 PHP
\$22B0 08 PHP
\$22B1 08 PHP
\$22B2 0A ASL A

\$22B3 0A ASL A
\$22B4 08 PHP
\$22B5 08 PHP
\$22B6 08 PHP
\$22B7 08 PHP
\$22B8 08 PHP
\$22B9 08 PHP
\$22BA 08 PHP
\$22BB 08 PHP
\$22BC 08 PHP
\$22BD 08 PHP
\$22BE 08 PHP
\$22BF 08 PHP
\$22C0 0A ASL A
\$22C1 0A ASL A
\$22C2 08 PHP
\$22C3 08 PHP
\$22C4 08 PHP
\$22C5 08 PHP
\$22C6 08 PHP
\$22C7 08 PHP
\$22C8 08 PHP
\$22C9 .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$22D1 .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$22D9 .byte \$0B
\$22DA 0A ASL A
\$22DB 0A ASL A
\$22DC .byte \$0B,\$0B,\$0B,\$0B
\$22E0 08 PHP

\$22E1 08	PHP
\$22E2 08	PHP
\$22E3 08	PHP
\$22E4 08	PHP
\$22E5 08	PHP
\$22E6 0A	ASL A
\$22E7 0A	ASL A
\$22E8 08	PHP
\$22E9 08	PHP
\$22EA 0A	ASL A
\$22EB 0A	ASL A
\$22EC 08	PHP
\$22ED 08	PHP
\$22EE 08	PHP
\$22EF 08	PHP
\$22F0 08	PHP
\$22F1 08	PHP
\$22F2 0A	ASL A
\$22F3 0A	ASL A
\$22F4 08	PHP
\$22F5 08	PHP
\$22F6 08	PHP
\$22F7 08	PHP
\$22F8 08	PHP
\$22F9 08	PHP
\$22FA 08	PHP
\$22FB 08	PHP
\$22FC 08	PHP
\$22FD 08	PHP

\$22FE 08	PHP
\$22FF 08	PHP
\$2300 0A	ASL A
\$2301 0A	ASL A
\$2302 08	PHP
\$2303 08	PHP
\$2304 08	PHP
\$2305 08	PHP
\$2306 08	PHP
\$2307 08	PHP
\$2308 08	PHP
\$2309 08	PHP
\$230A 08	PHP
\$230B 08	PHP
\$230C 0A	ASL A
\$230D 0A	ASL A
\$230E	.byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2316	.byte \$0B,\$0B,\$0B,\$0B
\$231A 0A	ASL A
\$231B 0A	ASL A
\$231C	.byte \$0B,\$0B,\$0B
\$231F 08	PHP
\$2320 08	PHP
\$2321 08	PHP
\$2322 08	PHP
\$2323 08	PHP
\$2324 08	PHP
\$2325 08	PHP
\$2326 0A	ASL A

\$2327 0A	ASL A
\$2328 08	PHP
\$2329 08	PHP
\$232A 08	PHP
\$232B 08	PHP
\$232C 08	PHP
\$232D 08	PHP
\$232E 08	PHP
\$232F 08	PHP
\$2330 08	PHP
\$2331 08	PHP
\$2332 0A	ASL A
\$2333 0A	ASL A
\$2334 08	PHP
\$2335 08	PHP
\$2336 08	PHP
\$2337 08	PHP
\$2338 08	PHP
\$2339 08	PHP
\$233A 08	PHP
\$233B 08	PHP
\$233C 08	PHP
\$233D 08	PHP
\$233E 08	PHP
\$233F 08	PHP
\$2340 0A	ASL A
\$2341 0A	ASL A
\$2342 08	PHP
\$2343 08	PHP

\$2344 08 PHP
\$2345 08 PHP
\$2346 08 PHP
\$2347 08 PHP
\$2348 08 PHP
\$2349 08 PHP
\$234A 08 PHP
\$234B 08 PHP
\$234C 0A ASL A
\$234D 0A ASL A
\$234E .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2356 .byte \$0B,\$0B,\$0B,\$0B
\$235A 0A ASL A
\$235B 0A ASL A
\$235C .byte \$0B,\$0B
\$235E 08 PHP
\$235F 08 PHP
\$2360 08 PHP
\$2361 08 PHP
\$2362 08 PHP
\$2363 08 PHP
\$2364 08 PHP
\$2365 08 PHP
\$2366 0A ASL A
\$2367 0A ASL A
\$2368 08 PHP
\$2369 08 PHP
\$236A 08 PHP
\$236B 08 PHP

\$236C 08	PHP
\$236D 08	PHP
\$236E 08	PHP
\$236F 08	PHP
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\$2373 0A	ASL A
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\$237A 08	PHP
\$237B 08	PHP
\$237C 08	PHP
\$237D 08	PHP
\$237E 08	PHP
\$237F 08	PHP
\$2380 0A	ASL A
\$2381 0A	ASL A
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\$2384 08	PHP
\$2385 08	PHP
\$2386 08	PHP
\$2387 08	PHP
\$2388 08	PHP

\$2389 08 PHP
\$238A 08 PHP
\$238B 08 PHP
\$238C 0A ASL A
\$238D 0A ASL A
\$238E .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2396 .byte \$0B,\$0B,\$0B,\$0B
\$239A 0A ASL A
\$239B 0A ASL A
\$239C .byte \$0B,\$0B
\$239E 08 PHP
\$239F 08 PHP
\$23A0 08 PHP
\$23A1 08 PHP
\$23A2 08 PHP
\$23A3 08 PHP
\$23A4 08 PHP
\$23A5 08 PHP
\$23A6 0A ASL A
\$23A7 0A ASL A
\$23A8 08 PHP
\$23A9 08 PHP
\$23AA 08 PHP
\$23AB 08 PHP
\$23AC 08 PHP
\$23AD 08 PHP
\$23AE 08 PHP
\$23AF 08 PHP
\$23B0 08 PHP

\$23B1 08	PHP
\$23B2 0A	ASL A
\$23B3 0A	ASL A
\$23B4 08	PHP
\$23B5 08	PHP
\$23B6 08	PHP
\$23B7 08	PHP
\$23B8 08	PHP
\$23B9 08	PHP
\$23BA 08	PHP
\$23BB 08	PHP
\$23BC 08	PHP
\$23BD 08	PHP
\$23BE 08	PHP
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\$23C0 0A	ASL A
\$23C1 0A	ASL A
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\$23C3 08	PHP
\$23C4 08	PHP
\$23C5 08	PHP
\$23C6 08	PHP
\$23C7 08	PHP
\$23C8 08	PHP
\$23C9 08	PHP
\$23CA 08	PHP
\$23CB 08	PHP
\$23CC 0A	ASL A
\$23CD 0A	ASL A

```
$23CE      .byte $0B,$0B,$0B,$0B,$0B,$0B,$0B,$0B
$23D6      .byte $0B,$0B,$0B,$0B
$23DA 0A   ASL A
$23DB 0A   ASL A
$23DC      .byte $0B,$0B
$23DE 08   PHP
$23DF 08   PHP
$23E0 08   PHP
$23E1 08   PHP
$23E2 08   PHP
$23E3 08   PHP
$23E4 08   PHP
$23E5 08   PHP
$23E6 0A   ASL A
$23E7 0A   ASL A
$23E8 08   PHP
$23E9 08   PHP
$23EA 08   PHP
$23EB 08   PHP
$23EC 08   PHP
$23ED 08   PHP
$23EE 08   PHP
$23EF 08   PHP
$23F0 08   PHP
$23F1 08   PHP
$23F2 0A   ASL A
$23F3 0A   ASL A
$23F4 08   PHP
$23F5 08   PHP
```

\$23F6	08	PHP
\$23F7	08	PHP
\$23F8	08	PHP
\$23F9	08	PHP
\$23FA	08	PHP
\$23FB	08	PHP
\$23FC	08	PHP
\$23FD	08	PHP
\$23FE	08	PHP
\$23FF	08	PHP
\$2400	0A	ASL A
\$2401	0A	ASL A
\$2402	08	PHP
\$2403	08	PHP
\$2404	08	PHP
\$2405	08	PHP
\$2406	08	PHP
\$2407	08	PHP
\$2408	08	PHP
\$2409	08	PHP
\$240A	08	PHP
\$240B	08	PHP
\$240C	0A	ASL A
\$240D	0A	ASL A
\$240E		.byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2416		.byte \$0B,\$0B,\$0B,\$0B
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\$241B	0A	ASL A
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\$241D 08	PHP
\$241E 08	PHP
\$241F 08	PHP
\$2420 08	PHP
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\$242C 08	PHP
\$242D 08	PHP
\$242E 08	PHP
\$242F 08	PHP
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\$2433 0A	ASL A
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\$2439 08	PHP

\$243A 08	PHP
\$243B 08	PHP
\$243C 08	PHP
\$243D 08	PHP
\$243E 08	PHP
\$243F 08	PHP
\$2440 0A	ASL A
\$2441 0A	ASL A
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\$2445 08	PHP
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\$2447 08	PHP
\$2448 08	PHP
\$2449 08	PHP
\$244A 08	PHP
\$244B 08	PHP
\$244C 0A	ASL A
\$244D 0A	ASL A
\$244E 08	PHP
\$244F 08	PHP
\$2450	.byte \$0B,\$0B
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\$245B 0A	ASL A
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\$245D 08	PHP
\$245E 08	PHP
\$245F 08	PHP
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\$246D 08	PHP
\$246E 08	PHP
\$246F 08	PHP
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\$247F 08	PHP
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\$248D 0A	ASL A
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\$249F 08	PHP
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\$24A2 08	PHP
\$24A3 08	PHP
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\$24A5 08	PHP
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\$24B1 08	PHP
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\$24BA 08	PHP
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\$24BE 08	PHP
\$24BF 08	PHP
\$24C0 0A	ASL A
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\$24C5 08	PHP
\$24C6 08	PHP
\$24C7 08	PHP
\$24C8 08	PHP
\$24C9 08	PHP
\$24CA 08	PHP
\$24CB 08	PHP

\$24CC 0A	ASL A
\$24CD 0A	ASL A
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\$24DB 0A	ASL A
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\$24E2 08	PHP
\$24E3 08	PHP
\$24E4 08	PHP
\$24E5 08	PHP
\$24E6 0A	ASL A
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\$24EE 08	PHP
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\$24F1 08	PHP
\$24F2 0A	ASL A
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\$24FE 08	PHP
\$24FF 08	PHP
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\$2501 0A	ASL A
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\$251B 0A	ASL A
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\$253D	08	PHP
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\$254B	08	PHP
\$254C	0A	ASL A
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\$260B 08	PHP
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\$260D 0A	ASL A
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\$2633 0A	ASL A
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\$269B 0A	ASL A

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\$26BE 08	PHP
\$26BF 08	PHP
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\$26C7 08	PHP
\$26C8 08	PHP
\$26C9 08	PHP
\$26CA 08	PHP
\$26CB 08	PHP
\$26CC 0A	ASL A
\$26CD 0A	ASL A
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\$26D5 08	PHP

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\$26D7 08	PHP
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\$26D9 08	PHP
\$26DA 0A	ASL A
\$26DB 0A	ASL A
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\$26F1 08	PHP
\$26F2 0A	ASL A

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\$26FE	08	PHP
\$26FF	08	PHP
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\$2709	08	PHP
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\$270B	08	PHP
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\$270D	0A	ASL A
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\$270F	08	PHP

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\$2AAC 08	PHP
\$2AAD 08	PHP
\$2AAE 08	PHP
\$2AAF 08	PHP
\$2AB0 08	PHP
\$2AB1 08	PHP
\$2AB2 0A	ASL A
\$2AB3 0A	ASL A

\$2AB4 08	PHP
\$2AB5 08	PHP
\$2AB6 08	PHP
\$2AB7 08	PHP
\$2AB8 08	PHP
\$2AB9 08	PHP
\$2ABA 08	PHP
\$2ABB 08	PHP
\$2ABC 08	PHP
\$2ABD 08	PHP
\$2ABE 08	PHP
\$2ABF 08	PHP
\$2AC0 0A	ASL A
\$2AC1 0A	ASL A
\$2AC2 08	PHP
\$2AC3 08	PHP
\$2AC4 08	PHP
\$2AC5 08	PHP
\$2AC6 08	PHP
\$2AC7 08	PHP
\$2AC8 08	PHP
\$2AC9 08	PHP
\$2ACA 08	PHP
\$2ACB 08	PHP
\$2ACC 0A	ASL A
\$2ACD 0A	ASL A
\$2ACE 08	PHP
\$2ACF 08	PHP
\$2AD0	.byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B

\$2AD6 08	PHP
\$2AD7 08	PHP
\$2AD8 08	PHP
\$2AD9 08	PHP
\$2ADA 0A	ASL A
\$2ADB 0A	ASL A
\$2ADC 08	PHP
\$2ADD 08	PHP
\$2ADE 08	PHP
\$2ADF 08	PHP
\$2AE0 08	PHP
\$2AE1 08	PHP
\$2AE2 08	PHP
\$2AE3 08	PHP
\$2AE4 08	PHP
\$2AE5 08	PHP
\$2AE6 0A	ASL A
\$2AE7 0A	ASL A
\$2AE8 08	PHP
\$2AE9 08	PHP
\$2AEA 08	PHP
\$2AEB 08	PHP
\$2AEC 08	PHP
\$2AED 08	PHP
\$2AEE 08	PHP
\$2AEF 08	PHP
\$2AF0 08	PHP
\$2AF1 08	PHP
\$2AF2 0A	ASL A

\$2AF3	0A	ASL A
\$2AF4	08	PHP
\$2AF5	08	PHP
\$2AF6	08	PHP
\$2AF7	08	PHP
\$2AF8	08	PHP
\$2AF9	08	PHP
\$2AFA	08	PHP
\$2AFB	08	PHP
\$2AFC	08	PHP
\$2AFD	08	PHP
\$2AFE	08	PHP
\$2AFF	08	PHP
\$2B00	0A	ASL A
\$2B01	0A	ASL A
\$2B02	08	PHP
\$2B03	08	PHP
\$2B04	08	PHP
\$2B05	08	PHP
\$2B06	08	PHP
\$2B07	08	PHP
\$2B08	08	PHP
\$2B09	08	PHP
\$2B0A	08	PHP
\$2B0B	08	PHP
\$2B0C	0A	ASL A
\$2B0D	0A	ASL A
\$2B0E	08	PHP
\$2B0F		.byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B

\$2B16 08	PHP
\$2B17 08	PHP
\$2B18 08	PHP
\$2B19 08	PHP
\$2B1A 0A	ASL A
\$2B1B 0A	ASL A
\$2B1C 08	PHP
\$2B1D 08	PHP
\$2B1E 08	PHP
\$2B1F 08	PHP
\$2B20 08	PHP
\$2B21 08	PHP
\$2B22 08	PHP
\$2B23 08	PHP
\$2B24 08	PHP
\$2B25 08	PHP
\$2B26 0A	ASL A
\$2B27 0A	ASL A
\$2B28 08	PHP
\$2B29 08	PHP
\$2B2A 08	PHP
\$2B2B 08	PHP
\$2B2C 08	PHP
\$2B2D 08	PHP
\$2B2E 08	PHP
\$2B2F 08	PHP
\$2B30 08	PHP
\$2B31 08	PHP
\$2B32 0A	ASL A

\$2B33 0A ASL A
\$2B34 08 PHP
\$2B35 08 PHP
\$2B36 08 PHP
\$2B37 08 PHP
\$2B38 08 PHP
\$2B39 08 PHP
\$2B3A 08 PHP
\$2B3B 08 PHP
\$2B3C 08 PHP
\$2B3D 08 PHP
\$2B3E 08 PHP
\$2B3F 08 PHP
\$2B40 0A ASL A
\$2B41 0A ASL A
\$2B42 08 PHP
\$2B43 08 PHP
\$2B44 08 PHP
\$2B45 08 PHP
\$2B46 08 PHP
\$2B47 08 PHP
\$2B48 08 PHP
\$2B49 08 PHP
\$2B4A 08 PHP
\$2B4B 08 PHP
\$2B4C 0A ASL A
\$2B4D 0A ASL A
\$2B4E .byte \$0B,\$0B,\$0B
\$2B51 08 PHP

\$2B52 .byte \$0B,\$0B,\$0B,\$0B

\$2B56 08 PHP

\$2B57 08 PHP

\$2B58 08 PHP

\$2B59 08 PHP

\$2B5A 0A ASL A

\$2B5B 0A ASL A

\$2B5C 08 PHP

\$2B5D 08 PHP

\$2B5E 08 PHP

\$2B5F 08 PHP

\$2B60 08 PHP

\$2B61 08 PHP

\$2B62 08 PHP

\$2B63 08 PHP

\$2B64 08 PHP

\$2B65 08 PHP

\$2B66 0A ASL A

\$2B67 0A ASL A

\$2B68 08 PHP

\$2B69 08 PHP

\$2B6A 08 PHP

\$2B6B 08 PHP

\$2B6C 08 PHP

\$2B6D 08 PHP

\$2B6E 08 PHP

\$2B6F 08 PHP

\$2B70 08 PHP

\$2B71 08 PHP

\$2B72 0A ASL A
\$2B73 0A ASL A
\$2B74 08 PHP
\$2B75 08 PHP
\$2B76 08 PHP
\$2B77 08 PHP
\$2B78 08 PHP
\$2B79 08 PHP
\$2B7A 08 PHP
\$2B7B 08 PHP
\$2B7C 08 PHP
\$2B7D 08 PHP
\$2B7E 08 PHP
\$2B7F 08 PHP
\$2B80 0A ASL A
\$2B81 0A ASL A
\$2B82 08 PHP
\$2B83 08 PHP
\$2B84 08 PHP
\$2B85 08 PHP
\$2B86 08 PHP
\$2B87 08 PHP
\$2B88 08 PHP
\$2B89 08 PHP
\$2B8A 08 PHP
\$2B8B 08 PHP
\$2B8C 0A ASL A
\$2B8D 0A ASL A
\$2B8E .byte \$0B,\$0B

\$2B90	08	PHP
\$2B91	08	PHP
\$2B92		.byte \$0B,\$0B,\$0B,\$0B
\$2B96	08	PHP
\$2B97	08	PHP
\$2B98	08	PHP
\$2B99	08	PHP
\$2B9A	0A	ASL A
\$2B9B	0A	ASL A
\$2B9C	08	PHP
\$2B9D	08	PHP
\$2B9E	08	PHP
\$2B9F	08	PHP
\$2BA0	08	PHP
\$2BA1	08	PHP
\$2BA2	08	PHP
\$2BA3	08	PHP
\$2BA4	08	PHP
\$2BA5	08	PHP
\$2BA6	0A	ASL A
\$2BA7	0A	ASL A
\$2BA8	08	PHP
\$2BA9	08	PHP
\$2BAA	08	PHP
\$2BAB	08	PHP
\$2BAC	08	PHP
\$2BAD	08	PHP
\$2BAE	08	PHP
\$2BAF	08	PHP

\$2BB0 08	PHP
\$2BB1 08	PHP
\$2BB2 0A	ASL A
\$2BB3 0A	ASL A
\$2BB4 08	PHP
\$2BB5 08	PHP
\$2BB6 08	PHP
\$2BB7 08	PHP
\$2BB8 08	PHP
\$2BB9 08	PHP
\$2BBA 08	PHP
\$2BBB 08	PHP
\$2BBC 08	PHP
\$2BBD 08	PHP
\$2BBE 08	PHP
\$2BBF 08	PHP
\$2BC0 0A	ASL A
\$2BC1 0A	ASL A
\$2BC2 08	PHP
\$2BC3 08	PHP
\$2BC4 08	PHP
\$2BC5 08	PHP
\$2BC6 08	PHP
\$2BC7 08	PHP
\$2BC8 08	PHP
\$2BC9 08	PHP
\$2BCA 08	PHP
\$2BCB 08	PHP
\$2BCC 0A	ASL A

\$2BCD 0A ASL A
\$2BCE .byte \$0B,\$0B
\$2BD0 08 PHP
\$2BD1 .byte \$0B,\$0B,\$0B,\$0B,\$0B
\$2BD6 08 PHP
\$2BD7 08 PHP
\$2BD8 08 PHP
\$2BD9 08 PHP
\$2BDA 0A ASL A
\$2BDB 0A ASL A
\$2BDC 08 PHP
\$2BDD 08 PHP
\$2BDE 08 PHP
\$2BDF 08 PHP
\$2BE0 08 PHP
\$2BE1 08 PHP
\$2BE2 08 PHP
\$2BE3 08 PHP
\$2BE4 08 PHP
\$2BE5 08 PHP
\$2BE6 0A ASL A
\$2BE7 0A ASL A
\$2BE8 08 PHP
\$2BE9 08 PHP
\$2BEA 08 PHP
\$2BEB 08 PHP
\$2BEC 08 PHP
\$2BED 08 PHP
\$2BEE 08 PHP

\$2BEF 08	PHP
\$2BF0 08	PHP
\$2BF1 08	PHP
\$2BF2 0A	ASL A
\$2BF3 0A	ASL A
\$2BF4 08	PHP
\$2BF5 08	PHP
\$2BF6 08	PHP
\$2BF7 08	PHP
\$2BF8 08	PHP
\$2BF9 08	PHP
\$2BFA 08	PHP
\$2BFB 08	PHP
\$2BFC 08	PHP
\$2BFD 08	PHP
\$2BFE 08	PHP
\$2BFF 08	PHP
\$2C00 0A	ASL A
\$2C01 0A	ASL A
\$2C02 08	PHP
\$2C03 08	PHP
\$2C04 08	PHP
\$2C05 08	PHP
\$2C06 08	PHP
\$2C07 08	PHP
\$2C08 08	PHP
\$2C09 08	PHP
\$2C0A 08	PHP
\$2C0B 08	PHP

```
$2C0C 0A    ASL A
$2C0D 0A    ASL A
$2C0E      .byte $0B,$0B
$2C10 08    PHP
$2C11      .byte $0B,$0B,$0B,$0B,$0B
$2C16 08    PHP
$2C17 08    PHP
$2C18 08    PHP
$2C19 08    PHP
$2C1A 0A    ASL A
$2C1B 0A    ASL A
$2C1C 08    PHP
$2C1D 08    PHP
$2C1E 08    PHP
$2C1F 08    PHP
$2C20 08    PHP
$2C21 08    PHP
$2C22 08    PHP
$2C23 08    PHP
$2C24 08    PHP
$2C25 08    PHP
$2C26 0A    ASL A
$2C27 0A    ASL A
$2C28 08    PHP
$2C29 08    PHP
$2C2A 08    PHP
$2C2B 08    PHP
$2C2C 08    PHP
$2C2D 08    PHP
```

\$2C2E 08	PHP
\$2C2F 08	PHP
\$2C30 08	PHP
\$2C31 08	PHP
\$2C32 0A	ASL A
\$2C33 0A	ASL A
\$2C34 08	PHP
\$2C35 08	PHP
\$2C36 08	PHP
\$2C37 08	PHP
\$2C38 08	PHP
\$2C39 08	PHP
\$2C3A 08	PHP
\$2C3B 08	PHP
\$2C3C 08	PHP
\$2C3D 08	PHP
\$2C3E 08	PHP
\$2C3F 08	PHP
\$2C40 0A	ASL A
\$2C41 0A	ASL A
\$2C42 08	PHP
\$2C43 08	PHP
\$2C44 08	PHP
\$2C45 08	PHP
\$2C46 08	PHP
\$2C47 08	PHP
\$2C48 08	PHP
\$2C49 08	PHP
\$2C4A 08	PHP

\$2C4B 08 PHP
\$2C4C 0A ASL A
\$2C4D 0A ASL A
\$2C4E .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2C55 08 PHP
\$2C56 08 PHP
\$2C57 08 PHP
\$2C58 08 PHP
\$2C59 08 PHP
\$2C5A 0A ASL A
\$2C5B 0A ASL A
\$2C5C 08 PHP
\$2C5D 08 PHP
\$2C5E 08 PHP
\$2C5F 08 PHP
\$2C60 08 PHP
\$2C61 08 PHP
\$2C62 08 PHP
\$2C63 08 PHP
\$2C64 08 PHP
\$2C65 08 PHP
\$2C66 0A ASL A
\$2C67 0A ASL A
\$2C68 08 PHP
\$2C69 08 PHP
\$2C6A 08 PHP
\$2C6B 08 PHP
\$2C6C 08 PHP
\$2C6D 08 PHP

\$2C6E 08	PHP
\$2C6F 08	PHP
\$2C70 08	PHP
\$2C71 08	PHP
\$2C72 0A	ASL A
\$2C73 0A	ASL A
\$2C74 08	PHP
\$2C75 08	PHP
\$2C76 08	PHP
\$2C77 08	PHP
\$2C78 08	PHP
\$2C79 08	PHP
\$2C7A 08	PHP
\$2C7B 08	PHP
\$2C7C 08	PHP
\$2C7D 08	PHP
\$2C7E 08	PHP
\$2C7F 08	PHP
\$2C80 0A	ASL A
\$2C81 0A	ASL A
\$2C82 08	PHP
\$2C83 08	PHP
\$2C84 08	PHP
\$2C85 08	PHP
\$2C86 08	PHP
\$2C87 08	PHP
\$2C88 08	PHP
\$2C89 08	PHP
\$2C8A 08	PHP

\$2C8B 08 PHP
\$2C8C 0A ASL A
\$2C8D 0A ASL A
\$2C8E .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2C94 08 PHP
\$2C95 08 PHP
\$2C96 08 PHP
\$2C97 08 PHP
\$2C98 08 PHP
\$2C99 08 PHP
\$2C9A 0A ASL A
\$2C9B 0A ASL A
\$2C9C 08 PHP
\$2C9D 08 PHP
\$2C9E 08 PHP
\$2C9F 08 PHP
\$2CA0 0A ASL A
\$2CA1 0A ASL A
\$2CA2 08 PHP
\$2CA3 08 PHP
\$2CA4 08 PHP
\$2CA5 08 PHP
\$2CA6 0A ASL A
\$2CA7 0A ASL A
\$2CA8 08 PHP
\$2CA9 08 PHP
\$2CAA 08 PHP
\$2CAB 08 PHP
\$2CAC 08 PHP

\$2CAD 08	PHP
\$2CAE 08	PHP
\$2CAF 08	PHP
\$2CB0 08	PHP
\$2CB1 08	PHP
\$2CB2 0A	ASL A
\$2CB3 0A	ASL A
\$2CB4 08	PHP
\$2CB5 08	PHP
\$2CB6 08	PHP
\$2CB7 08	PHP
\$2CB8 08	PHP
\$2CB9 08	PHP
\$2CBA 08	PHP
\$2CBB 08	PHP
\$2CBC 08	PHP
\$2CBD 08	PHP
\$2CBE 08	PHP
\$2CBF 08	PHP
\$2CC0 0A	ASL A
\$2CC1 0A	ASL A
\$2CC2 08	PHP
\$2CC3 08	PHP
\$2CC4 08	PHP
\$2CC5 08	PHP
\$2CC6 08	PHP
\$2CC7 08	PHP
\$2CC8 08	PHP
\$2CC9 08	PHP

\$2CCA 08	PHP
\$2CCB 08	PHP
\$2CCC 0A	ASL A
\$2CCD 0A	ASL A
\$2CCE	.byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
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\$2CD6 08	PHP
\$2CD7 08	PHP
\$2CD8 08	PHP
\$2CD9 08	PHP
\$2CDA 0A	ASL A
\$2CDB 0A	ASL A
\$2CDC 08	PHP
\$2CDD 08	PHP
\$2CDE 08	PHP
\$2CDF 08	PHP
\$2CE0 0A	ASL A
\$2CE1 0A	ASL A
\$2CE2 08	PHP
\$2CE3 08	PHP
\$2CE4 08	PHP
\$2CE5 08	PHP
\$2CE6 0A	ASL A
\$2CE7 0A	ASL A
\$2CE8 08	PHP
\$2CE9 08	PHP
\$2CEA 08	PHP
\$2CEB 08	PHP
\$2CEC 08	PHP

\$2CED 08	PHP
\$2CEE 08	PHP
\$2CEF 08	PHP
\$2CF0 08	PHP
\$2CF1 08	PHP
\$2CF2 0A	ASL A
\$2CF3 0A	ASL A
\$2CF4 08	PHP
\$2CF5 08	PHP
\$2CF6 08	PHP
\$2CF7 08	PHP
\$2CF8 08	PHP
\$2CF9 08	PHP
\$2CFA 08	PHP
\$2CFB 08	PHP
\$2CFC 08	PHP
\$2CFD 08	PHP
\$2CFE 08	PHP
\$2CFF 08	PHP
\$2D00 0A	ASL A
\$2D01 0A	ASL A
\$2D02 08	PHP
\$2D03 08	PHP
\$2D04 08	PHP
\$2D05 08	PHP
\$2D06 08	PHP
\$2D07 08	PHP
\$2D08 08	PHP
\$2D09 08	PHP

\$2D0A 08 PHP
\$2D0B 08 PHP
\$2D0C 0A ASL A
\$2D0D 0A ASL A
\$2D0E .byte \$0B,\$0B,\$0B,\$0B
\$2D12 08 PHP
\$2D13 .byte \$0B,\$0B,\$0B
\$2D16 08 PHP
\$2D17 08 PHP
\$2D18 08 PHP
\$2D19 08 PHP
\$2D1A 0A ASL A
\$2D1B 0A ASL A
\$2D1C 08 PHP
\$2D1D 08 PHP
\$2D1E 08 PHP
\$2D1F 08 PHP
\$2D20 08 PHP
\$2D21 08 PHP
\$2D22 08 PHP
\$2D23 08 PHP
\$2D24 08 PHP
\$2D25 08 PHP
\$2D26 0A ASL A
\$2D27 0A ASL A
\$2D28 08 PHP
\$2D29 08 PHP
\$2D2A 08 PHP
\$2D2B 08 PHP

\$2D2C 08	PHP
\$2D2D 08	PHP
\$2D2E 08	PHP
\$2D2F 08	PHP
\$2D30 08	PHP
\$2D31 08	PHP
\$2D32 0A	ASL A
\$2D33 0A	ASL A
\$2D34 08	PHP
\$2D35 08	PHP
\$2D36 08	PHP
\$2D37 08	PHP
\$2D38 08	PHP
\$2D39 08	PHP
\$2D3A 08	PHP
\$2D3B 08	PHP
\$2D3C 08	PHP
\$2D3D 08	PHP
\$2D3E 08	PHP
\$2D3F 08	PHP
\$2D40 0A	ASL A
\$2D41 0A	ASL A
\$2D42 08	PHP
\$2D43 08	PHP
\$2D44 08	PHP
\$2D45 08	PHP
\$2D46 08	PHP
\$2D47 08	PHP
\$2D48 08	PHP

\$2D49 08 PHP
\$2D4A 08 PHP
\$2D4B 08 PHP
\$2D4C 0A ASL A
\$2D4D 0A ASL A
\$2D4E .byte \$0B,\$0B,\$0B,\$0B,\$0B
\$2D53 08 PHP
\$2D54 .byte \$0B,\$0B,\$0B
\$2D57 08 PHP
\$2D58 08 PHP
\$2D59 08 PHP
\$2D5A 0A ASL A
\$2D5B 0A ASL A
\$2D5C 08 PHP
\$2D5D 08 PHP
\$2D5E 08 PHP
\$2D5F 08 PHP
\$2D60 08 PHP
\$2D61 08 PHP
\$2D62 08 PHP
\$2D63 08 PHP
\$2D64 08 PHP
\$2D65 08 PHP
\$2D66 0A ASL A
\$2D67 0A ASL A
\$2D68 08 PHP
\$2D69 08 PHP
\$2D6A 08 PHP
\$2D6B 08 PHP

\$2D6C 08	PHP
\$2D6D 08	PHP
\$2D6E 08	PHP
\$2D6F 08	PHP
\$2D70 08	PHP
\$2D71 08	PHP
\$2D72 0A	ASL A
\$2D73 0A	ASL A
\$2D74 08	PHP
\$2D75 08	PHP
\$2D76 08	PHP
\$2D77 08	PHP
\$2D78 08	PHP
\$2D79 08	PHP
\$2D7A 08	PHP
\$2D7B 08	PHP
\$2D7C 08	PHP
\$2D7D 08	PHP
\$2D7E 08	PHP
\$2D7F 08	PHP
\$2D80 0A	ASL A
\$2D81 0A	ASL A
\$2D82 08	PHP
\$2D83 08	PHP
\$2D84 08	PHP
\$2D85 08	PHP
\$2D86 08	PHP
\$2D87 08	PHP
\$2D88 08	PHP

\$2D89 08 PHP
\$2D8A 08 PHP
\$2D8B 08 PHP
\$2D8C 0A ASL A
\$2D8D 0A ASL A
\$2D8E .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2D94 08 PHP
\$2D95 .byte \$0B,\$0B,\$0B
\$2D98 08 PHP
\$2D99 08 PHP
\$2D9A 0A ASL A
\$2D9B 0A ASL A
\$2D9C 08 PHP
\$2D9D 08 PHP
\$2D9E 08 PHP
\$2D9F 08 PHP
\$2DA0 08 PHP
\$2DA1 08 PHP
\$2DA2 08 PHP
\$2DA3 08 PHP
\$2DA4 08 PHP
\$2DA5 08 PHP
\$2DA6 0A ASL A
\$2DA7 0A ASL A
\$2DA8 08 PHP
\$2DA9 08 PHP
\$2DAA 08 PHP
\$2DAB 08 PHP
\$2DAC 08 PHP

\$2DAD 08	PHP
\$2DAE 08	PHP
\$2DAF 08	PHP
\$2DB0 08	PHP
\$2DB1 08	PHP
\$2DB2 0A	ASL A
\$2DB3 0A	ASL A
\$2DB4 0A	ASL A
\$2DB5 0A	ASL A
\$2DB6 08	PHP
\$2DB7 08	PHP
\$2DB8 08	PHP
\$2DB9 08	PHP
\$2DBA 08	PHP
\$2DBB 08	PHP
\$2DBC 08	PHP
\$2DBD 08	PHP
\$2DBE 08	PHP
\$2DBF 08	PHP
\$2DC0 0A	ASL A
\$2DC1 0A	ASL A
\$2DC2 08	PHP
\$2DC3 08	PHP
\$2DC4 08	PHP
\$2DC5 08	PHP
\$2DC6 08	PHP
\$2DC7 08	PHP
\$2DC8 08	PHP
\$2DC9 08	PHP

\$2DCA 08 PHP
\$2DCB 08 PHP
\$2DCC 0A ASL A
\$2DCD 0A ASL A
\$2DCE .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2DD5 08 PHP
\$2DD6 .byte \$0B,\$0B,\$0B
\$2DD9 08 PHP
\$2DDA 0A ASL A
\$2DDB 0A ASL A
\$2DDC 08 PHP
\$2DDD 08 PHP
\$2DDE 08 PHP
\$2DDF 08 PHP
\$2DE0 08 PHP
\$2DE1 08 PHP
\$2DE2 08 PHP
\$2DE3 08 PHP
\$2DE4 08 PHP
\$2DE5 08 PHP
\$2DE6 0A ASL A
\$2DE7 0A ASL A
\$2DE8 .byte \$0B,\$0B
\$2DEA 08 PHP
\$2DEB 08 PHP
\$2DEC 08 PHP
\$2DED 08 PHP
\$2DEE 08 PHP
\$2DEF 08 PHP

\$2DF0 08 PHP
\$2DF1 08 PHP
\$2DF2 0A ASL A
\$2DF3 0A ASL A
\$2DF4 0A ASL A
\$2DF5 0A ASL A
\$2DF6 08 PHP
\$2DF7 08 PHP
\$2DF8 08 PHP
\$2DF9 08 PHP
\$2DFA 08 PHP
\$2DFB 08 PHP
\$2DFC 08 PHP
\$2DFD 08 PHP
\$2DFE 08 PHP
\$2DFF 08 PHP

//-----

L_JSR_(\$2E00)_(\$6706) OK

//-----

\$2E00 0A ASL A
\$2E01 0A ASL A
\$2E02 08 PHP
\$2E03 08 PHP
\$2E04 08 PHP
\$2E05 08 PHP
\$2E06 08 PHP
\$2E07 08 PHP
\$2E08 08 PHP
\$2E09 08 PHP

\$2E0A 08 PHP
\$2E0B 08 PHP
\$2E0C 0A ASL A
\$2E0D 0A ASL A
\$2E0E 08 PHP
\$2E0F .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2E17 .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2E1F .byte \$0B,\$0B,\$0B,\$0B,\$0B
\$2E24 08 PHP
\$2E25 08 PHP
\$2E26 0A ASL A
\$2E27 0A ASL A
\$2E28 .byte \$0B,\$0B
\$2E2A 08 PHP
\$2E2B 08 PHP
\$2E2C 08 PHP
\$2E2D 08 PHP
\$2E2E 08 PHP
\$2E2F 08 PHP
\$2E30 08 PHP
\$2E31 08 PHP
\$2E32 08 PHP
\$2E33 08 PHP
\$2E34 08 PHP
\$2E35 08 PHP
\$2E36 08 PHP
\$2E37 08 PHP
\$2E38 08 PHP
\$2E39 08 PHP

\$2E3A 08	PHP
\$2E3B 08	PHP
\$2E3C 08	PHP
\$2E3D 08	PHP
\$2E3E 08	PHP
\$2E3F 08	PHP
\$2E40 0A	ASL A
\$2E41 0A	ASL A
\$2E42 08	PHP
\$2E43 08	PHP
\$2E44 08	PHP
\$2E45 08	PHP
\$2E46 08	PHP
\$2E47 08	PHP
\$2E48 08	PHP
\$2E49 08	PHP
\$2E4A 08	PHP
\$2E4B 08	PHP
\$2E4C 0A	ASL A
\$2E4D 0A	ASL A
\$2E4E 08	PHP
\$2E4F 08	PHP
\$2E50	.byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2E58	.byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2E60	.byte \$0B,\$0B,\$0B,\$0B
\$2E64 08	PHP
\$2E65 08	PHP
\$2E66 0A	ASL A
\$2E67 0A	ASL A

\$2E68 .byte \$0B,\$0B

\$2E6A 08 PHP

\$2E6B 08 PHP

\$2E6C 08 PHP

\$2E6D 08 PHP

\$2E6E 08 PHP

\$2E6F 08 PHP

\$2E70 08 PHP

\$2E71 08 PHP

\$2E72 08 PHP

\$2E73 08 PHP

\$2E74 08 PHP

\$2E75 08 PHP

\$2E76 08 PHP

\$2E77 08 PHP

\$2E78 08 PHP

\$2E79 08 PHP

\$2E7A 08 PHP

\$2E7B 08 PHP

\$2E7C 08 PHP

\$2E7D 08 PHP

\$2E7E 08 PHP

\$2E7F 08 PHP

\$2E80 0A ASL A

\$2E81 0A ASL A

\$2E82 08 PHP

\$2E83 08 PHP

\$2E84 08 PHP

\$2E85 08 PHP

\$2E86	08	PHP
\$2E87	08	PHP
\$2E88	08	PHP
\$2E89	08	PHP
\$2E8A	08	PHP
\$2E8B	08	PHP
\$2E8C	0A	ASL A
\$2E8D	0A	ASL A
\$2E8E	08	PHP
\$2E8F	08	PHP
\$2E90		.byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2E98		.byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2EA0		.byte \$0B,\$0B
\$2EA2	08	PHP
\$2EA3	08	PHP
\$2EA4	08	PHP
\$2EA5	08	PHP
\$2EA6	0A	ASL A
\$2EA7	0A	ASL A
\$2EA8		.byte \$0B,\$0B
\$2EAA	08	PHP
\$2EAB	08	PHP
\$2EAC	08	PHP
\$2EAD	08	PHP
\$2EAE	08	PHP
\$2EAF	08	PHP
\$2EB0	08	PHP
\$2EB1	08	PHP
\$2EB2	08	PHP

\$2EB3 08	PHP
\$2EB4 08	PHP
\$2EB5 08	PHP
\$2EB6 08	PHP
\$2EB7 08	PHP
\$2EB8 08	PHP
\$2EB9 08	PHP
\$2EBA 08	PHP
\$2EBB 08	PHP
\$2EBC 08	PHP
\$2EBD 08	PHP
\$2EBE 08	PHP
\$2EBF 08	PHP
\$2EC0 0A	ASL A
\$2EC1 0A	ASL A
\$2EC2 08	PHP
\$2EC3 08	PHP
\$2EC4 08	PHP
\$2EC5 08	PHP
\$2EC6 08	PHP
\$2EC7 08	PHP
\$2EC8 08	PHP
\$2EC9 08	PHP
\$2ECA 08	PHP
\$2ECB 08	PHP
\$2ECC 0A	ASL A
\$2ECD 0A	ASL A
\$2ECE 08	PHP
\$2ECF 08	PHP

```
$2ED0    .byte $0B,$0B,$0B,$0B,$0B,$0B,$0B,$0B
$2ED8    .byte $0B,$0B,$0B,$0B,$0B,$0B,$0B,$0B
$2EE0    .byte $0B,$0B
$2EE2 08    PHP
$2EE3 08    PHP
$2EE4 08    PHP
$2EE5 08    PHP
$2EE6 0A    ASL A
$2EE7 0A    ASL A
$2EE8    .byte $0B,$0B,$0B
$2EEB 08    PHP
$2EEC 08    PHP
$2EED 08    PHP
$2EEE 08    PHP
$2EEF 08    PHP
$2EF0 08    PHP
$2EF1 08    PHP
$2EF2 08    PHP
$2EF3 08    PHP
$2EF4 08    PHP
$2EF5 08    PHP
$2EF6 08    PHP
$2EF7 08    PHP
$2EF8 08    PHP
$2EF9 08    PHP
$2EFA 08    PHP
$2EFB 08    PHP
$2EFC 08    PHP
$2EFD 08    PHP
```


\$2EFE 08 PHP
\$2EFF 08 PHP
\$2F00 0A ASL A
\$2F01 0A ASL A
\$2F02 08 PHP
\$2F03 08 PHP
\$2F04 08 PHP
\$2F05 08 PHP
\$2F06 08 PHP
\$2F07 08 PHP
\$2F08 08 PHP
\$2F09 08 PHP
\$2F0A 08 PHP
\$2F0B 08 PHP
\$2F0C 0A ASL A
\$2F0D 0A ASL A
\$2F0E .byte \$0B,\$0B,\$0B,\$0B
\$2F12 08 PHP
\$2F13 .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2F1B .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$2F22 08 PHP
\$2F23 08 PHP
\$2F24 08 PHP
\$2F25 08 PHP
\$2F26 0A ASL A
\$2F27 0A ASL A
\$2F28 08 PHP
\$2F29 .byte \$0B,\$0B,\$0B
\$2F2C 08 PHP

\$2F2D 08	PHP
\$2F2E 08	PHP
\$2F2F 08	PHP
\$2F30 08	PHP
\$2F31 08	PHP
\$2F32 08	PHP
\$2F33 08	PHP
\$2F34 08	PHP
\$2F35 08	PHP
\$2F36 08	PHP
\$2F37 08	PHP
\$2F38 08	PHP
\$2F39 08	PHP
\$2F3A 08	PHP
\$2F3B 08	PHP
\$2F3C 08	PHP
\$2F3D 08	PHP
\$2F3E 08	PHP
\$2F3F 08	PHP
\$2F40 0A	ASL A
\$2F41 0A	ASL A
\$2F42 08	PHP
\$2F43 08	PHP
\$2F44 08	PHP
\$2F45 08	PHP
\$2F46 08	PHP
\$2F47 08	PHP
\$2F48 08	PHP
\$2F49 08	PHP

\$2F4A 08 PHP
\$2F4B 08 PHP
\$2F4C 0A ASL A
\$2F4D 0A ASL A
\$2F4E .byte \$0B,\$0B,\$0B,\$0B
\$2F52 08 PHP
\$2F53 08 PHP
\$2F54 .byte \$0B,\$0B,\$0B,\$0B
\$2F58 08 PHP
\$2F59 .byte \$0B,\$0B
\$2F5B 08 PHP
\$2F5C 08 PHP
\$2F5D 08 PHP
\$2F5E .byte \$0B,\$0B,\$0B,\$0B
\$2F62 08 PHP
\$2F63 08 PHP
\$2F64 08 PHP
\$2F65 08 PHP
\$2F66 0A ASL A
\$2F67 0A ASL A
\$2F68 08 PHP
\$2F69 08 PHP
\$2F6A .byte \$0B,\$0B
\$2F6C 08 PHP
\$2F6D 08 PHP
\$2F6E 08 PHP
\$2F6F 08 PHP
\$2F70 08 PHP
\$2F71 08 PHP

\$2F72 08	PHP
\$2F73 08	PHP
\$2F74 08	PHP
\$2F75 08	PHP
\$2F76 08	PHP
\$2F77 08	PHP
\$2F78 08	PHP
\$2F79 08	PHP
\$2F7A 08	PHP
\$2F7B 08	PHP
\$2F7C 08	PHP
\$2F7D 08	PHP
\$2F7E 08	PHP
\$2F7F 08	PHP
\$2F80 0A	ASL A
\$2F81 0A	ASL A
\$2F82 08	PHP
\$2F83 08	PHP
\$2F84 08	PHP
\$2F85 08	PHP
\$2F86 08	PHP
\$2F87 08	PHP
\$2F88 08	PHP
\$2F89 08	PHP
\$2F8A 08	PHP
\$2F8B 08	PHP
\$2F8C 0A	ASL A
\$2F8D 0A	ASL A
\$2F8E 08	PHP

\$2F8F 08	PHP
\$2F90 08	PHP
\$2F91 08	PHP
\$2F92 08	PHP
\$2F93 08	PHP
\$2F94 08	PHP
\$2F95 08	PHP
\$2F96 08	PHP
\$2F97 08	PHP
\$2F98 08	PHP
\$2F99 08	PHP
\$2F9A 0A	ASL A
\$2F9B 0A	ASL A
\$2F9C 08	PHP
\$2F9D 08	PHP
\$2F9E 08	PHP
\$2F9F 08	PHP
\$2FA0 08	PHP
\$2FA1 08	PHP
\$2FA2 08	PHP
\$2FA3 08	PHP
\$2FA4 08	PHP
\$2FA5 08	PHP
\$2FA6 0A	ASL A
\$2FA7 0A	ASL A
\$2FA8 08	PHP
\$2FA9 08	PHP
\$2FAA 08	PHP
\$2FAB 08	PHP

\$2FAC .byte \$0B,\$0B
\$2FAE 08 PHP
\$2FAF 08 PHP
\$2FB0 08 PHP
\$2FB1 08 PHP
\$2FB2 08 PHP
\$2FB3 08 PHP
\$2FB4 08 PHP
\$2FB5 08 PHP
\$2FB6 08 PHP
\$2FB7 08 PHP
\$2FB8 08 PHP
\$2FB9 08 PHP
\$2FBA .byte \$0B,\$0B
\$2FBC 08 PHP
\$2FBD 08 PHP
\$2FBE 08 PHP
\$2FBF 08 PHP
\$2FC0 0A ASL A
\$2FC1 0A ASL A
\$2FC2 08 PHP
\$2FC3 08 PHP
\$2FC4 08 PHP
\$2FC5 08 PHP
\$2FC6 08 PHP
\$2FC7 08 PHP
\$2FC8 08 PHP
\$2FC9 08 PHP
\$2FCA 08 PHP

\$2FCB 08	PHP
\$2FCC 0A	ASL A
\$2FCD 0A	ASL A
\$2FCE 08	PHP
\$2FCF 08	PHP
\$2FD0 08	PHP
\$2FD1 08	PHP
\$2FD2 08	PHP
\$2FD3 08	PHP
\$2FD4 08	PHP
\$2FD5 08	PHP
\$2FD6 08	PHP
\$2FD7 08	PHP
\$2FD8 08	PHP
\$2FD9 08	PHP
\$2FDA 0A	ASL A
\$2FDB 0A	ASL A
\$2FDC 08	PHP
\$2FDD 08	PHP
\$2FDE 08	PHP
\$2FDF 08	PHP
\$2FE0 08	PHP
\$2FE1 08	PHP
\$2FE2 08	PHP
\$2FE3 08	PHP
\$2FE4 08	PHP
\$2FE5 08	PHP
\$2FE6 0A	ASL A
\$2FE7 0A	ASL A

```
$2FE8 08    PHP
$2FE9 08    PHP
$2FEA 08    PHP
$2FEB 08    PHP
$2FEC      .byte $0B,$0B
$2FEE 08    PHP
$2FEF 08    PHP
$2FF0 08    PHP
$2FF1 08    PHP
$2FF2 08    PHP
$2FF3 08    PHP
$2FF4 08    PHP
$2FF5 08    PHP
$2FF6 08    PHP
$2FF7 08    PHP
$2FF8 08    PHP
$2FF9 08    PHP
$2FFA      .byte $0B,$0B
$2FFC 08    PHP
$2FFD 08    PHP
$2FFE 08    PHP
$2FFF 08    PHP
$3000 09 08  ORA # $08
$3002      .byte $02,$02,$02,$02,$02,$02,$02,$02
$300A      .byte $02,$02
$300C 09 08  ORA # $08
$300E      .byte $02,$02,$02,$02,$02,$02,$02,$02
$3016      .byte $02,$02,$02,$02,$02,$02,$02,$02
```

```
//-----
```



```
L_JSR_($3020)_($8389) JAM
L_JSR_($3020)_($C4DC) JAM
//-----
$301E      .byte $02,$02,$02,$02,$02,$02,$02,$02
$3026 09 08  ORA #08
//-----
L_JSR_($3028)_($9CFB) JAM
//-----
$3028      .byte $02,$02,$02,$02,$02,$02,$02,$02
//-----
L_JSR_($3030)_($98E2) JAM
L_JSR_($3035)_($98ED) JAM
//-----
$3030      .byte $02,$02,$02,$02,$02,$02,$02,$02
$3038      .byte $02,$02,$02,$02,$02,$02,$02,$02
$3040 06 05  ASL $05
$3042      .byte $0B,$0B,$0B,$0B,$0B,$0B,$0B,$0B
$304A      .byte $0B,$0B
$304C 06 05  ASL $05
$304E      .byte $0B,$0B,$0B,$0B,$0B,$0B,$0B,$0B
$3056      .byte $0B,$0B,$0B,$0B
$305A 06 05  ASL $05
$305C      .byte $0B,$0B,$0B,$0B,$0B,$0B,$0B,$0B
$3064      .byte $0B,$0B,$0B,$0B,$0B,$0B,$0B,$0B
$306C      .byte $0B,$0B,$0B,$0B,$0B,$0B
$3072 06 05  ASL $05
$3074      .byte $0B,$0B,$0B,$0B,$0B,$0B,$0B,$0B
$307C      .byte $0B,$0B,$0B,$0B,$04,$07,$00,$00
$3084      .byte $00,$00,$00,$00,$00,$00,$00,$00
```

\$308C .byte \$04,\$07,\$00,\$00,\$00,\$00,\$00,\$00
\$3094 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$04,\$07
\$309C .byte \$52,\$12,\$7C
\$309F 7D 00 00 ADC \$0000,X
\$30A2 .byte \$00,\$00,\$00,\$00
\$30A6 26 27 ROL \$27
\$30A8 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$30B0 .byte \$00,\$00,\$04,\$07,\$00,\$00,\$00,\$00
\$30B8 .byte \$00,\$00,\$00,\$00,\$00,\$00
\$30BE 20 21 04 JSR \$0421
\$30C1 .byte \$07,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$30C9 .byte \$00,\$00,\$00,\$04,\$07,\$00,\$00,\$00
\$30D1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$30D9 .byte \$00,\$04,\$07,\$13,\$14
\$30DE 7E 7F 00 ROR \$007F,X
\$30E1 .byte \$00,\$00,\$00,\$00,\$00
\$30E6 28 PLP
\$30E7 29 00 AND # \$00
\$30E9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$30F1 .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$30F9 .byte \$00,\$00,\$00,\$00,\$00
\$30FE 1D 1F 04 ORA \$041F,X
\$3101 .byte \$07,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3109 .byte \$00,\$00,\$00,\$04,\$07,\$00,\$00,\$00
\$3111 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3119 .byte \$00,\$04,\$07,\$74
\$311D 75 00 ADC \$00,X
\$311F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3127 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$312F .byte \$00,\$52,\$12,\$04,\$07,\$00,\$00,\$00
\$3137 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$313F .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$3147 .byte \$00,\$00,\$00,\$00,\$00
\$314C 0A ASL A
\$314D .byte \$0C,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3155 .byte \$00,\$00,\$00,\$00,\$00,\$04,\$07
\$315C 76 77 ROR \$77,X
\$315E .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3166 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$316E .byte \$00,\$00,\$13,\$14,\$04,\$07,\$00,\$00
\$3176 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$317E .byte \$00,\$00,\$04,\$07,\$00,\$00,\$00,\$00
\$3186 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$318E .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3196 .byte \$00,\$00,\$00,\$00,\$04,\$07,\$52,\$12
\$319E 70 71 BVS L_BRS_(\$3211)_(\$319E) JAM
\$31A0 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$31A8 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$31B0 .byte \$00,\$00,\$04,\$07,\$00,\$00,\$00,\$00
\$31B8 .byte \$00,\$00
\$31BA 11 12 ORA (\$12),Y
\$31BC .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00
\$31C4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$31CC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$31D4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$04,\$07
\$31DC .byte \$13,\$14,\$72,\$73,\$00,\$00,\$00,\$00
\$31E4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$31EC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$04,\$07

```

$31F4      .byte $00,$00,$00,$00,$00,$00,$13,$14
$31FC      .byte $00,$00,$00,$00,$04,$07,$00,$00
$3204      .byte $00,$00,$00,$00,$00,$00,$00,$00
//-----
L_BRS_($3211)_($319E) JAM
//-----
$320C      .byte $00,$00,$00,$00,$00,$00,$00,$00
$3214      .byte $00,$00,$00,$00,$00,$00,$04,$07
//-----
L_JSR_($3220)_($8392) JAM
//-----
$321C      .byte $00,$00,$00,$00,$00,$00,$00,$00
$3224      .byte $00,$00,$00,$00,$00,$00,$00,$00
$322C      .byte $00,$00,$00,$00,$00,$00,$04,$07
$3234      .byte $00,$00,$00,$00,$00,$00,$00,$00
$323C      .byte $00,$00,$00,$00,$04,$07,$00,$00
$3244      .byte $00,$00,$00,$00,$00,$00,$00,$00
$324C      .byte $00,$00,$00,$00,$00,$00,$00,$00
$3254      .byte $00,$00,$00,$00,$00,$00,$04,$07
$325C      .byte $00,$00
$325E 70 71  BVS L_BRS_($32D1)_($325E) JAM
$3260      .byte $00,$00,$00,$00,$00,$00,$00,$00
$3268      .byte $00,$00,$00,$00,$00,$00,$00,$00
$3270      .byte $00,$00,$04,$07,$00,$00,$00,$00
$3278      .byte $00,$00,$00,$00,$00,$00,$00,$00
$3280      .byte $04,$07,$00,$00,$00,$00,$00,$00
$3288      .byte $00,$00,$00,$00,$00,$00,$00,$00
$3290      .byte $00,$00,$00,$00,$00,$00,$00,$00
$3298      .byte $00,$00,$04,$07,$00,$00,$72,$73

```

```

$32A0      .byte $00,$00,$00,$00,$00,$00
$32A6 01 03  ORA ($03,X)
$32A8      .byte $00,$00
$32AA 19 1A 00 ORA $001A,Y
$32AD      .byte $00,$00,$00,$00,$00,$04,$07,$00
$32B5      .byte $00,$00,$00,$00,$00,$00,$00,$00
$32BD      .byte $00,$00,$00,$04,$07,$00,$00,$00
$32C5      .byte $00,$00,$00,$00,$00,$00,$00,$00
//-----
L_BRS_($32D1)_($325E) JAM
//-----
$32CD      .byte $00,$00,$00,$00,$00,$00,$00,$00
$32D5      .byte $00,$00,$00,$00,$00,$04,$07
$32DC 70 71  BVS L_BRS_($334F)_($32DC) JAM
$32DE      .byte $00,$00,$00,$00,$00,$00,$00,$00
$32E6      .byte $04,$07,$00,$00,$1B,$1C,$00,$00
$32EE      .byte $00,$00,$00,$00,$04,$07,$00,$00
$32F6      .byte $00,$00,$00,$00,$00,$00,$00,$00
$32FE      .byte $00,$00,$04,$07,$00,$00,$00,$00
$3306      .byte $00,$00,$00,$00,$00,$00
$330C 01 03  ORA ($03,X)
$330E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$3316      .byte $00,$00,$00,$00,$04,$07,$72,$73
$331E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$3326      .byte $04,$07,$00,$00,$00,$00,$00,$00
$332E      .byte $00,$00,$00,$00,$04,$07,$00,$00
$3336      .byte $00,$00,$00,$00,$00,$00,$00,$00
$333E      .byte $00,$00,$04,$07,$00,$00,$00,$00
$3346      .byte $00,$00,$00,$00,$00,$00,$04,$07

```

```

//-----
L_BRS_($334F)_($32DC) JAM
//-----
$334E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$3356      .byte $00,$00,$00,$00,$04,$07,$00,$00
$335E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$3366      .byte $04,$07,$00,$00,$00,$00,$00,$00
$336E      .byte $00,$00,$00,$00,$04,$07,$00,$00
$3376      .byte $00,$00,$00,$00,$00,$00,$00,$00
$337E      .byte $00,$00,$04,$07,$00,$00,$00,$00
$3386      .byte $00,$00,$00,$00,$00,$00,$04,$07
$338E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$3396      .byte $00,$00,$00,$00,$04,$07
$339C 70 71  BVS L_BRS_($340F)_($339C) JAM
$339E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$33A6      .byte $04,$07,$00,$00,$00,$00,$00,$00
$33AE      .byte $00,$00,$00,$00,$04,$07,$00,$00
$33B6      .byte $00,$00,$00,$00,$00,$00,$00,$00
$33BE      .byte $00,$00,$04,$07,$00,$00,$00,$00
$33C6      .byte $00,$00,$00,$00,$00,$00,$04,$07
$33CE      .byte $00,$00,$00,$00,$00,$00,$00,$00
$33D6      .byte $00,$00,$00,$00,$04,$07,$72,$73
$33DE      .byte $00,$00,$00,$00,$00,$00,$00,$00
$33E6      .byte $04,$07,$00,$00,$00,$00,$00,$00
$33EE      .byte $00,$00,$00,$00,$04,$07,$00,$00
$33F6      .byte $00,$00,$00,$00,$00,$00,$00,$00
$33FE      .byte $00,$00,$04,$07,$00,$00,$00,$00
$3406      .byte $00,$00,$00,$00,$00,$00,$04,$07
//-----

```

L_BRS_(\$340F)_(\$339C) JAM

//-----

\$340E .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$3416 .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00

//-----

L_JSR_(\$3424)_(\$9933) JAM

//-----

\$341E .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$3426 .byte \$04,\$07,\$00,\$00,\$00,\$00,\$00,\$00

\$342E .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00

\$3436 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$343E .byte \$00,\$00,\$04,\$07,\$00,\$00,\$00,\$00

\$3446 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$04,\$07

\$344E .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$3456 .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00

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L_JSR_(\$34A9)_(\$080A) JAM

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\$3C96 .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00
\$3C9E .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3CA6 .byte \$04,\$07,\$00,\$00,\$00,\$00,\$00,\$00
\$3CAE .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00
\$3CB6 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3CBE .byte \$00,\$00,\$04,\$07,\$00,\$00,\$00,\$00
\$3CC6 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$04,\$07
\$3CCE .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3CD6 .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00

\$3CDE .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3CE6 .byte \$04,\$07,\$00,\$00,\$00,\$00,\$00,\$00
\$3CEE .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00
\$3CF6 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3CFE .byte \$00,\$00,\$04,\$07,\$00,\$00,\$00,\$00
\$3D06 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$04,\$07
\$3D0E .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3D16 .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00
\$3D1E .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3D26 .byte \$04,\$07,\$00,\$00,\$00,\$00,\$00,\$00
\$3D2E .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00
\$3D36 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3D3E .byte \$00,\$00,\$04,\$07,\$00,\$00,\$00,\$00
\$3D46 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$04,\$07
\$3D4E .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3D56 .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00
\$3D5E .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3D66 .byte \$04,\$07,\$00,\$00,\$00,\$00,\$00,\$00
\$3D6E .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00
\$3D76 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3D7E .byte \$00,\$00,\$04,\$07,\$00,\$00,\$00,\$00
\$3D86 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$04,\$07
\$3D8E .byte \$00,\$00,\$00,\$00,\$5B,\$5B,\$00,\$00
\$3D96 .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00
\$3D9E .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3DA6 .byte \$04,\$07,\$00,\$00,\$00,\$00,\$00,\$00
\$3DAE .byte \$00,\$00,\$00,\$00,\$04,\$07
\$3DB4 19 1A 00 ORA \$001A,Y
\$3DB7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$3DBF .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$3DC7 .byte \$00,\$00,\$00,\$00,\$00,\$04,\$07,\$00
\$3DCF .byte \$00,\$00,\$00,\$5B,\$5B,\$00,\$00,\$00
\$3DD7 .byte \$00,\$00,\$00
\$3DDA 0A ASL A
\$3DDB .byte \$0C,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3DE3 .byte \$00,\$00,\$00,\$04,\$07,\$00,\$00,\$00
\$3DEB .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3DF2 0A ASL A
\$3DF3 .byte \$0C,\$1B,\$1C,\$00,\$00,\$00,\$00,\$00
\$3DFB .byte \$00,\$00,\$00,\$00,\$00,\$04,\$07,\$00
\$3E03 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3E0B .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$3E13 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3E1B .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3E23 .byte \$00,\$00,\$00,\$04,\$07,\$00,\$00,\$00
\$3E2B .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3E33 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3E3B .byte \$00,\$00,\$00,\$00,\$00,\$04,\$07,\$00
\$3E43 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3E4B .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$3E53 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3E5B .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3E63 .byte \$00,\$00,\$00,\$04,\$07,\$00,\$00,\$00
\$3E6B .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3E73 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3E7B .byte \$00,\$00,\$00,\$00,\$00,\$04,\$07,\$00
\$3E83 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3E8B .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00

\$3E93 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3E9B .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3EA3 .byte \$00,\$00,\$00,\$04,\$07
\$3EA8 78 SEI
\$3EA9 79 00 00 ADC \$0000,Y
\$3EAC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3EB4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3EBC .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00
\$3EC4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3ECC .byte \$04,\$07,\$00,\$00,\$00,\$00,\$00,\$00
\$3ED4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3EDC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3EE4 .byte \$00,\$00,\$04,\$07,\$7A,\$7B,\$00,\$00
\$3EEC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3EF4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3EFC .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00
\$3F04 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3F0C .byte \$04,\$07,\$00,\$00,\$00,\$00,\$00,\$00
\$3F14 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3F1C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3F24 .byte \$00,\$00,\$04,\$07,\$00,\$00,\$00,\$00
\$3F2C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3F34 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3F3C .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00
\$3F44 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3F4C .byte \$04,\$07,\$00,\$00,\$00,\$00,\$00,\$00
\$3F54 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3F5C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3F64 .byte \$00,\$00,\$04,\$07,\$00,\$00,\$00,\$00

\$3F6C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3F74 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3F7C .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00
\$3F84 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3F8C .byte \$04,\$07,\$00,\$00,\$00,\$00,\$00,\$00
\$3F94 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3F9C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3FA4 .byte \$00,\$00,\$04,\$07,\$00,\$00,\$00,\$00
\$3FAC 11 12 ORA (\$12),Y
\$3FAE .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3FB6 .byte \$00,\$00,\$00,\$00
\$3FBA 11 12 ORA (\$12),Y
\$3FBC .byte \$00,\$00,\$00,\$00,\$04,\$07,\$00,\$00
\$3FC4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3FCC .byte \$04,\$07,\$00,\$00,\$00,\$00,\$00,\$00
\$3FD4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3FDC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3FE4 .byte \$00,\$00,\$04,\$07,\$00,\$00,\$00,\$00
\$3FEC .byte \$13,\$14,\$00,\$00,\$00,\$00,\$00,\$00
\$3FF4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$13,\$14
\$3FFC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4004 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$04
\$400C .byte \$07,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4014 .byte \$00,\$00,\$00,\$00,\$00,\$04,\$07,\$00
\$401C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4024 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$402C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$04
\$4034 .byte \$07,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$403C .byte \$00,\$00,\$00,\$00,\$00,\$04,\$07,\$00

\$4044 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

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L_JMP_(\$404D)_(\$83F7) JAM

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\$404C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$4054 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$04

\$405C .byte \$07,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$4064 .byte \$00,\$00,\$00,\$00,\$00,\$04,\$07,\$00

\$406C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$4074 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$407C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$04

\$4084 .byte \$07,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$408C .byte \$00,\$00,\$00,\$00,\$00,\$04,\$07,\$00

\$4094 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$409C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$40A4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$04

\$40AC .byte \$07,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$40B4 .byte \$00,\$00,\$00,\$00,\$00,\$04,\$07,\$00

\$40BC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$40C4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$40CC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$04

\$40D4 .byte \$07,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$40DC .byte \$00,\$00,\$00,\$00,\$00,\$04,\$07,\$00

\$40E4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$40EC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$40F4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$04

\$40FC .byte \$07,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$4104 .byte \$00,\$00,\$00,\$00,\$00,\$04,\$07,\$00

\$410C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$4114 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$411C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$04
\$4124 .byte \$07,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$412C .byte \$00,\$00,\$00,\$00,\$00,\$04,\$07,\$00
\$4134 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$413C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

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L_JSR_(\$4148)_(\$9FF3) JAM

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\$4144 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$04
\$414C .byte \$07,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4154 .byte \$00,\$00,\$00,\$00,\$00,\$04,\$07,\$00
\$415C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4164 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$416C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$04
\$4174 .byte \$07,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$417C .byte \$00,\$00,\$00,\$00,\$00,\$04,\$07,\$00
\$4184 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$418C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4194 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$04
\$419C .byte \$07,\$00,\$00,\$00,\$00,\$5B,\$5B,\$00
\$41A4 .byte \$00,\$00,\$00,\$00,\$00,\$04,\$07,\$00
\$41AC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$41B4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$41BC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$04
\$41C4 .byte \$07,\$00,\$00,\$00,\$00,\$5B,\$5B,\$00
\$41CC .byte \$00,\$00,\$00,\$00,\$00
\$41D1 0A ASL A
\$41D2 .byte \$0C,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$41DA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$41E2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$41EA .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$41F2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$41FA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4202 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$420A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4212 .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$421A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4222 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$422A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4232 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

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L_JMP_(\$4241)_(\$62CD) JAM

L_JSR_(\$4241)_(\$9F9C) JAM

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\$423A .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$4242 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$424A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4252 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$425A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4262 .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$426A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4272 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$427A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4282 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$428A .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$4292 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$429A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$42A2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$42AA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$42B2 .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$42BA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$42C2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$42CA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$42D2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$42DA .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$42E2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$42EA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$42F2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$42FA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4302 .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$430A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4312 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$431A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4322 .byte \$00,\$00,\$00,\$00,\$00,\$00
\$4328 70 71 BVS L_BRS_(\$439B)_(\$4328) JAM
\$432A .byte \$72,\$73,\$74
\$432D 75 76 ADC \$76,X
\$432F .byte \$77,\$00,\$00,\$00,\$00,\$00
\$4335 41 42 EOR (\$42,X)
\$4337 .byte \$43,\$44
\$4339 45 46 EOR \$46
\$433B .byte \$47
\$433C 48 PHA
\$433D 49 4A EOR #\$4A
\$433F .byte \$4B
\$4340 4C 4D 00 JMP \$004D


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$4343      .byte $00,$00,$00,$00,$00,$00,$00,$00
$434B      .byte $00,$00,$1A,$1B,$1C
$4350 1D 1E 1F  ORA $1F1E,X
$4353      .byte $00,$00
$4355 28     PLP
$4356 25 21   AND $21
$4358 2C 34 28  BIT $2834
$435B      .byte $00,$00
$435D 4E 4F 50  LSR $504F
$4360 51 52   EOR ($52),Y
$4362      .byte $53,$54
$4364 55 56   EOR $56,X
$4366      .byte $57
$4367 58     CLI
$4368 59 5A 00  EOR $005A,Y
$436B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$4373      .byte $00,$00
$4375 10 10   BPL L_BRS_($4387)_($4375) JAM
$4377 10 18   BPL L_BRS_($4391)_($4377) BAD
$4379 11 15   ORA ($15),Y
$437B      .byte $00,$00,$00
$437E 11 17   ORA ($17),Y
$4380      .byte $14
$4381 19 00 00  ORA $0000,Y
//-----
L_BRS_($4387)_($4375) JAM
//-----
$4384      .byte $00,$00,$5B,$00,$00,$5C
$438A 5D 00 00  EOR $0000,X
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$438D    .byte $00,$00
//-----
L_BRS_($4391)_($4377) BAD
//-----
$438F 5E 5F 00 LSR $005F,X
$4392    .byte $00,$00,$00,$00,$00,$00,$00,$00
//-----
L_BRS_($439B)_($4328) JAM
//-----
$439A    .byte $00,$00,$00,$00,$00,$00,$00,$00
$43A2    .byte $00,$00,$00,$00,$00,$00,$00,$00
$43AA    .byte $00,$04,$00,$00
$43AE 30 32  BMI L_BRS_($43E2)_($43AE) JAM
$43B0 25 33  AND $33
$43B2    .byte $33,$00,$00
$43B5 26 29  ROL $29
$43B7    .byte $32
$43B8 25 00  AND $00
$43BA    .byte $00,$00,$00,$00,$00,$00,$00,$00
$43C2    .byte $00,$00,$00,$00,$00,$00,$00,$00
$43CA    .byte $00,$00,$00,$00,$00,$00,$00,$00
$43D2    .byte $00,$00,$00,$00,$00,$00,$00,$00
$43DA    .byte $00,$00,$00,$00,$00,$00,$00,$00
//-----
L_BRS_($43E2)_($43AE) JAM
//-----
$43E2    .byte $00,$00,$00,$00,$00,$00,$00,$00
$43EA    .byte $00,$00,$00,$00,$00,$00,$00,$00
$43F2    .byte $00,$00,$00,$00,$00,$00

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```
$43F8 A0 A0 LDY #A0
$43FA A2 A2 LDX #A2
$43FC      .byte $DA,$00
$43FE C4 A1 CPY $A1
$4400      .byte $00,$00,$00,$00,$00,$00,$00,$00
$4408      .byte $00,$00,$00,$04,$07,$00,$00,$00
$4410      .byte $00,$00,$00,$00,$00,$00,$00,$00
$4418      .byte $00,$04,$07,$00,$00,$00,$00,$00
$4420      .byte $00,$00,$00,$00,$00,$00,$00,$00
$4428      .byte $00,$00,$00,$00,$00,$00,$00,$00
$4430      .byte $00,$00,$00,$04,$07,$00,$00,$00
$4438      .byte $00,$00,$00,$00,$00,$00,$00,$00
$4440      .byte $00,$04,$07,$00,$00,$00,$00,$00
$4448      .byte $00,$00,$00,$00,$00,$00,$00,$00
$4450      .byte $00,$00,$00,$00,$00,$00,$00,$00
$4458      .byte $00,$00,$00,$04,$07,$00,$00,$00
$4460      .byte $00,$00,$00,$00,$00,$00,$00,$00
$4468      .byte $00,$04,$07,$00,$00,$00,$00,$00
$4470      .byte $00,$00,$00,$00,$00,$00,$00,$00
$4478      .byte $00,$00,$00,$00,$00,$00,$00,$00
$4480      .byte $00,$00,$00,$04,$07,$00,$00,$00
$4488      .byte $00,$00,$00,$00,$00,$00,$00,$00
$4490      .byte $00,$04,$07,$00,$00,$00,$00,$00
$4498      .byte $00,$00,$00,$00,$00,$00,$00,$00
$44A0      .byte $00,$00,$00,$00,$00,$00,$00,$00
$44A8      .byte $00,$00,$00,$04,$07,$00,$00,$00
$44B0      .byte $00,$00,$00,$00,$00,$00,$00,$00
$44B8      .byte $00,$04,$07,$00,$00,$00,$00,$00
$44C0      .byte $00,$00,$00,$00,$00,$00,$00,$00
```

\$44C8 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$44D0 .byte \$00,\$00,\$00,\$04,\$07,\$00,\$00,\$00
\$44D8 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$44E0 .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$44E8 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$44F0 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$44F8 .byte \$00,\$00,\$00,\$04,\$07,\$00,\$00,\$00
\$4500 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4508 .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$4510 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4518 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4520 .byte \$00,\$00,\$00,\$04,\$07,\$00,\$00,\$00
\$4528 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4530 .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$4538 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4540 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4548 .byte \$00,\$00,\$00,\$04,\$07,\$00,\$00,\$00
\$4550 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4558 .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$4560 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4568 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4570 .byte \$00,\$00,\$00,\$04,\$07,\$00,\$00,\$00
\$4578 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4580 .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$4588 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4590 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4598 .byte \$00,\$00,\$00,\$04,\$07,\$00,\$00,\$00
\$45A0 .byte \$00,\$5B,\$5B,\$00,\$00,\$00,\$00,\$00
\$45A8 .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00

\$45B0 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$45B8 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$45C0 .byte \$00,\$00,\$00,\$04,\$07,\$00,\$00,\$00
\$45C8 .byte \$00,\$5B,\$5B,\$00,\$00,\$00,\$00,\$00
\$45D0 .byte \$00
\$45D1 0A ASL A
\$45D2 .byte \$0C,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$45DA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$45E2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$45EA .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$45F2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$45FA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4602 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$460A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4612 .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$461A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4622 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$462A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4632 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$463A .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$4642 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$464A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4652 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$465A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4662 .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$466A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4672 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$467A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4682 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$468A .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$4692 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$469A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$46A2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$46AA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$46B2 .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$46BA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$46C2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$46CA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$46D2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$46DA .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$46E2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$46EA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$46F2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$46FA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4702 .byte \$00,\$04,\$07,\$00,\$00,\$00,\$00,\$00
\$470A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4712 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$471A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4722 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$472A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4732 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$473A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4742 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$474A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4752 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$475A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4762 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$476A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$4772 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$477A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4782 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$478A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$4792 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$479A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$47A2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$47AA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$47B2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$47BA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$47C2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$47CA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$47D2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$47DA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$47E2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$47EA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$47F2 .byte \$00,\$00,\$00,\$00,\$00,\$00
\$47F8 A0 A0 LDY #\$A0
\$47FA A2 A2 LDX #\$A2
\$47FC .byte \$DA,\$00
\$47FE C4 00 CPY \$00
\$4800 55 55 EOR \$55,X
\$4802 55 55 EOR \$55,X
\$4804 55 55 EOR \$55,X
\$4806 55 55 EOR \$55,X
\$4808 .byte \$FF
\$4809 FE FE FF INC \$FFFE,X
\$480C FE FE FE INC \$FEFE,X
\$480F .byte \$FF,\$FF

```
$4811 BA    TSX
$4812 EE AB EE INC $EEAB
$4815 BA    TSX
$4816 EE AB FF INC $FFAB
$4819      .byte $BB,$EF
$481B A8    TAY
$481C      .byte $EF,$BB,$EF
$481F A8    TAY
//-----
L_JSR_($4820)_($8381) OK
//-----
$4820 FE FE FE INC $FEFE,X
$4823      .byte $FF
$4824 FE FE FE INC $FEFE,X
$4827      .byte $FF
$4828 EE BB EF INC $EFBB
$482B A8    TAY
$482C      .byte $EF,$BB,$EF
$482F A8    TAY
$4830 EE FE FE INC $FEFE
$4833      .byte $FF
$4834 FE FE FE INC $FEFE,X
$4837      .byte $FF,$EF,$BB,$EF
$483B A8    TAY
$483C      .byte $EF,$BB,$EF
$483F A8    TAY
$4840      .byte $EF
$4841 BA    TSX
$4842 EE AB EE INC $EEAB
```



```
$4845 BA    TSX
$4846 EE AB FE INC $FEAB
$4849 BA    TSX
$484A EE AB EE INC $EEAB
//-----
L_BRS_($484D)_($48BF) OK
//-----
$484D BA    TSX
$484E EE AB FE INC $FEAB
//-----
L_JMP_($4854)_($8386) JAM
//-----
$4851      .byte $FF,$F3,$FC,$F3,$CF,$33,$FC
$4858 EE CF 33 INC $33CF
$485B      .byte $FC,$33,$CF,$33,$FC,$EF,$CF,$33
$4863      .byte $FC,$33,$CF,$33,$FC
$4868 55 55  EOR $55,X
$486A 55 40  EOR $40,X
$486C      .byte $BF
$486D CC CC DD CPY $DDCC
$4870 55 51  EOR $51,X
$4872      .byte $5C,$33,$F3,$73
$4876 4C 50 57 JMP L_JMP_($5750)_($4876) JAM
$4879      .byte $5F,$6F,$73,$74
$487D 56 57  LSR $57,X
$487F 55 CC  EOR $CC,X
$4881      .byte $3C
$4882 30 70  BMI L_BRS_($48F4)_($4882) OK
$4884 C1 C5  CMP ($C5,X)
```

\$4886 15 55 ORA \$55,X
\$4888 .byte \$EB
\$4889 AA TAX
\$488A 88 DEY
\$488B A2 FB LDX #\$FB
\$488D .byte \$6B,\$7C,\$42
\$4890 41 68 EOR (\$68,X)
\$4892 DE 6D 9A DEC \$9A6D,X
\$4895 E5 6A SBC \$6A
\$4897 .byte \$F7,\$2F,\$AB,\$8B
\$489B AA TAX
\$489C .byte \$E3,\$EB
\$489E BC E6 BB LDY \$BBE6,X
\$48A1 B5 E1 LDA \$E1,X
\$48A3 2C 3A 3A BIT \$3A3A
\$48A6 B9 D9 40 LDA \$40D9,Y
\$48A9 .byte \$BF,\$BF,\$EF
\$48AC C0 8A CPY #\$8A
\$48AE AA TAX
\$48AF FE 00 F8 INC \$F800,X
\$48B2 .byte \$F8
\$48B3 EC 30 C8 CPX \$C830
\$48B6 A8 TAY
\$48B7 CC FA FA CPY \$FAFA
\$48BA .byte \$FA,\$FF,\$EF,\$BF,\$BF
\$48BF 70 8C BVS L_BRS_(\$484D)_(\$48BF) OK
\$48C1 8C BC FC STY \$FCBC
\$48C4 EC F8 F8 CPX \$F8F8
\$48C7 .byte \$03

```
$48C8 55 50  EOR $50,X
$48CA      .byte $7F,$FF
$48CC FE 40 71  INC $7140,X
$48CF 76 55  ROR $55,X
$48D1 01 F0  ORA ($F0,X)
$48D3      .byte $FC
$48D4 FD 01 F1  SBC $F101,X
$48D7 71 71  ADC ($71),Y
$48D9 7D 72 7F  ADC $7F72,X
$48DC      .byte $7F
$48DD 65 59  ADC $59
$48DF 55 B1  EOR $B1,X
$48E1 71 31  ADC ($31),Y
$48E3 F1 F5  SBC ($F5),Y
$48E5 95 59  STA $59,X
$48E7 55 00  EOR $00,X
$48E9      .byte $77
$48EA 25 25  AND $25
$48EC 25 25  AND $25
$48EE      .byte $27,$00,$00,$0C,$1C,$3C
//-----
L_BRS_($48F4)_($4882) OK
//-----
$48F4 6C 7E 0C  JMP ($0C7E)
$48F7      .byte $00,$00,$3C
$48FA 66 3C  ROR $3C
$48FC 66 66  ROR $66
$48FE      .byte $3C,$00,$00,$74,$42
$4903 61 42  ADC ($42,X)
```

```

$4905      .byte $44,$74,$00,$00,$57,$92,$12,$92
$490D      .byte $52,$52,$00

//-----
L_BRS_($4910)_($491E) OK
//-----
$4910 55 56   EOR $56,X
$4912      .byte $57,$7F,$77,$7F,$7B,$7B
$4918 55 55   EOR $55,X
$491A 55 51   EOR $51,X
$491C 51 C1   EOR ($C1),Y
$491E F0 F0   BEQ L_BRS_($4910)_($491E) OK
$4920      .byte $73,$7C,$73,$7F,$7F,$7F,$5F
$4927 55 30   EOR $30,X
$4929 F1 31   SBC ($31),Y
$492B F1 F5   SBC ($F5),Y
$492D F5 D5   SBC $D5,X
$492F 55 55   EOR $55,X
$4931 51 4C   EOR ($4C),Y
$4933      .byte $3C,$3F,$4F,$5F,$5F
$4938 55 55   EOR $55,X
$493A 55 15   EOR $15,X
$493C 05 C1   ORA $C1
$493E E0 E6   CPX #$E6
$4940      .byte $5F,$5F,$57,$57
$4944 91 64   STA ($64),Y
$4946 59 56 AA EOR $AA56,Y
$4949 A6 A6   LDX $A6
$494B 96 53   STX $53,Y
$494D      .byte $07,$17,$17,$5B

```

```
$4951 5D 5F 5F EOR $5F5F,X
$4954      .byte $5F,$5F,$7F,$6F
$4958 55 55  EOR $55,X
//-----
L_BRS_($495A)_($4968) OK
//-----
$495A 55 55  EOR $55,X
//-----
L_BRS_($495C)_($495F) OK
L_BRS_($495C)_($496A) OK
//-----
$495C 55 55  EOR $55,X
$495E      .byte $D4
//-----
L_BRS_($495F)_($496C) OK
//-----
$495F F0 FB  BEQ L_BRS_($495C)_($495F) OK
$4961      .byte $FF,$FF,$FF,$FF,$FF,$7F,$5F
$4968 F0 F0  BEQ L_BRS_($495A)_($4968) OK
$496A F0 F0  BEQ L_BRS_($495C)_($496A) OK
$496C F0 F1  BEQ L_BRS_($495F)_($496C) OK
$496E C5 55  CMP $55
$4970 7E 79 79 ROR $7979,X
$4973 79 7E 5F ADC $5F7E,Y
$4976      .byte $57
$4977 55 BC  EOR $BC,X
$4979 6C 6C 6C JMP ($6C6C)
$497C BC F1 D5 LDY $D5F1,X
$497F 55 55  EOR $55,X
```

\$4981 55 57 EOR \$57,X
\$4983 .byte \$57,\$5C,\$5C,\$5C,\$5C
\$4988 55 55 EOR \$55,X
\$498A C5 31 CMP \$31
\$498C 5D 5C 57 EOR \$575C,X
\$498F .byte \$57,\$5C,\$FB
\$4992 AA TAX
\$4993 .byte \$8B,\$A3,\$8B
\$4996 ED 55 47 SBC \$4755
\$4999 5D F1 15 EOR \$15F1,X
\$499C 15 55 ORA \$55,X
\$499E 55 55 EOR \$55,X
\$49A0 .byte \$7F,\$BF
\$49A2 BE EE EE LDX \$EEEE,Y
\$49A5 FE FE EA INC \$EAFE,X
\$49A8 F5 F9 SBC \$F9,X
\$49AA F9 ED ED SBC \$EDED,Y
\$49AD FD FD AD SBC \$ADFD,X
\$49B0 EA NOP
\$49B1 FE FE EE INC \$EEFE,X
\$49B4 EE BE BF INC \$BFBE
\$49B7 .byte \$7F
\$49B8 AD FD FD LDA \$FDFD
\$49BB ED ED F9 SBC \$F9ED
\$49BE F9 F5 55 SBC \$55F5,Y
\$49C1 55 55 EOR \$55,X
\$49C3 55 57 EOR \$57,X
\$49C5 75 55 ADC \$55,X
\$49C7 75 55 ADC \$55,X

```
$49C9 55 55  EOR $55,X
$49CB 55 75  EOR $75,X
$49CD 55 5D  EOR $5D,X
$49CF D5 57  CMP $57,X
$49D1 75 55  ADC $55,X
$49D3 5D 55 55 EOR $5555,X
$49D6 55 55  EOR $55,X
$49D8 5D 55 5D EOR $5D55,X
$49DB D5 55  CMP $55,X
$49DD 55 55  EOR $55,X
$49DF 55 55  EOR $55,X
$49E1 55 55  EOR $55,X
$49E3      .byte $00,$EF,$EF
$49E6 EA    NOP
$49E7      .byte $EF
$49E8 55 55  EOR $55,X
$49EA 55 00  EOR $00,X
$49EC      .byte $FF,$FF
$49EE AA    TAX
$49EF      .byte $FF,$BF,$BF,$BF
$49F3 55 55  EOR $55,X
$49F5 55 55  EOR $55,X
$49F7 55 FF  EOR $FF,X
$49F9      .byte $FF,$FF
$49FB 55 55  EOR $55,X
$49FD 55 55  EOR $55,X
$49FF 55 7F  EOR $7F,X
$4A01      .byte $FF
$4A02 FE FE FE INC $FEFE,X
```

\$4A05 FE FE FE INC \$FEFE,X
\$4A08 20 EF AB JSR \$ABEF
\$4A0B .byte \$AB,\$EB,\$AF,\$AB,\$AB,\$FF,\$FF,\$FF
\$4A13 .byte \$FF,\$FF,\$FF,\$FF,\$7F,\$AF,\$FF,\$FF
\$4A1B .byte \$FF,\$FF,\$FF,\$FF
\$4A1F FD 7F FF SBC \$FF7F,X
\$4A22 FE FE FE INC \$FEFE,X
\$4A25 7E FF FE ROR \$FEFF,X
\$4A28 FD AF EF SBC \$EFAF,X
\$4A2B .byte \$AB,\$BB,\$AF,\$AB,\$AF,\$FF,\$FF,\$FF
\$4A33 .byte \$7F,\$FF,\$F7,\$DF,\$77,\$BF,\$FF,\$FF
\$4A3B .byte \$FF,\$FF
\$4A3D FD DF F5 SBC \$F5DF,X
\$4A40 7D FF FE ADC \$FEFF,X
\$4A43 .byte \$7F,\$7F,\$FF,\$7F,\$FF
\$4A48 FD BF AF SBC \$AFBF,X
\$4A4B .byte \$AF,\$EF
\$4A4D BD AF BB LDA \$BBAF,X
\$4A50 .byte \$7F,\$5F,\$7F
\$4A53 DD 7F F7 CMP \$F77F,X
\$4A56 .byte \$DF,\$77,\$EF,\$FF,\$FF
\$4A5B FD FD 5F SBC \$5FFD,X
\$4A5E .byte \$F7
\$4A5F 55 B5 EOR \$B5,X
\$4A61 B5 B5 LDA \$B5,X
\$4A63 B5 B5 LDA \$B5,X
\$4A65 B5 A5 LDA \$A5,X
\$4A67 F5 5F SBC \$5F,X
\$4A69 .byte \$5F,\$5F,\$5F,\$5F,\$5F,\$5F,\$5F


```

$4A70 B5 B5 LDA $B5,X
$4A72 B5 B5 LDA $B5,X
$4A74 B5 B5 LDA $B5,X
$4A76 B5 B5 LDA $B5,X
$4A78 .byte $5F,$5F,$5F,$5F,$5F,$5F,$5F,$5A
//-----
L_BRS_($4A80)_($4A8E) OK
//-----
$4A80 55 56 EOR $56,X
$4A82 .byte $57,$5F,$77,$7F,$7F,$7F
//-----
L_BRS_($4A88)_($4ABC) OK
//-----
$4A88 55 55 EOR $55,X
$4A8A 55 51 EOR $51,X
$4A8C 51 C1 EOR ($C1),Y
$4A8E F0 F0 BEQ L_BRS_($4A80)_($4A8E) OK
$4A90 21 21 AND ($21,X)
$4A92 A1 AC LDA ($AC,X)
$4A94 78 SEI
$4A95 .byte $5B
$4A96 5E 42 55 LSR $5542,X
$4A99 B4 BA LDY $BA,X
$4A9B EA NOP
$4A9C .byte $63
$4A9D 68 PLA
$4A9E 7E 5A 55 ROR $555A,X
$4AA1 .byte $14,$C3
$4AA3 BE 33 B1 LDX $B133,Y

```

```
$4AA6 F1 CE SBC ($CE),Y
$4AA8 .byte $7A
$4AA9 EC A7 BB CPX $BBA7
$4AAC DD 55 55 CMP $5555,X
$4AAF 55 F1 EOR $F1,X
$4AB1 21 EC AND ($EC,X)
$4AB3 78 SEI
$4AB4 59 5D 55 EOR $555D,Y
$4AB7 55 40 EOR $40,X
$4AB9 .byte $BF,$BF,$EF
$4ABC F0 CA BEQ L_BRS_($4A88)_($4ABC) OK
$4ABE AA TAX
$4ABF F6 00 INC $00,X
$4AC1 .byte $F8,$F8
$4AC3 EC 3C C0 CPX $C03C
$4AC6 A8 TAY
$4AC7 4C 40 BF JMP $BF40
$4ACA .byte $BF,$EF,$F8
$4ACD FE FA F2 INC $F2FA,X
$4AD0 .byte $00,$F8,$F8
$4AD3 EC 3C CC CPX $CC3C
$4AD6 8C 0C 55 STY $550C
$4AD9 55 55 EOR $55,X
$4ADB 55 55 EOR $55,X
$4ADD 55 55 EOR $55,X
$4ADF 55 55 EOR $55,X
$4AE1 55 55 EOR $55,X
$4AE3 E5 D9 SBC $D9
$4AE5 D9 98 98 CMP $9898,Y
```

\$4AE8 .byte \$5B,\$5B,\$6F,\$5C,\$5C

\$4AED 55 55 EOR \$55,X

\$4AEF 55 EC EOR \$EC,X

\$4AF1 C0 C0 CPY #\$C0

\$4AF3 C1 C5 CMP (\$C5,X)

\$4AF5 55 55 EOR \$55,X

\$4AF7 55 55 EOR \$55,X

\$4AF9 55 55 EOR \$55,X

\$4AFB .byte \$57,\$57,\$57

\$4AFE 56 56 LSR \$56,X

\$4B00 45 81 EOR \$81

\$4B02 A5 85 LDA \$85

\$4B04 .byte \$B2,\$E2

\$4B06 6A ROR A

\$4B07 .byte \$7A,\$54

\$4B09 58 CLI

\$4B0A 68 PLA

\$4B0B 18 CLC

\$4B0C C8 INY

\$4B0D 88 DEY

\$4B0E 88 DEY

\$4B0F BC 5A 5E LDY \$5E5A,X

\$4B12 56 56 LSR \$56,X

\$4B14 56 56 LSR \$56,X

\$4B16 .byte \$57,\$57

\$4B18 F5 C5 SBC \$C5,X

//-----

L_BRS_(\$4B1A)_(\$4B5D) OK

//-----

```
$4B1A C5 C5  CMP $C5
$4B1C C5 C5  CMP $C5
$4B1E D5 55  CMP $55,X
$4B20      .byte $54
$4B21 58    CLI
$4B22      .byte $5A
$4B23 68    PLA
$4B24 6C 6E 6E JMP ($6E6E)
$4B27 6A    ROR A
$4B28 55 15  EOR $15,X
$4B2A 55 54  EOR $54,X
//-----
L_BRS_($4B2C)_($4B6E) OK
//-----
$4B2C 06 86  ASL $86
$4B2E 8A    TXA
$4B2F 88    DEY
$4B30      .byte $7A,$7A,$7A,$7A
$4B34 6A    ROR A
$4B35      .byte $6B,$AF
$4B37 BD E9 A1 LDA $A1E9,X
$4B3A B5 D5  LDA $D5,X
$4B3C 15 15  ORA $15,X
$4B3E 15 55  ORA $55,X
$4B40 55 55  EOR $55,X
$4B42 55 55  EOR $55,X
$4B44 55 55  EOR $55,X
$4B46 56 56  LSR $56,X
$4B48 55 50  EOR $50,X
```

```
$4B4A 6A ROR A
$4B4B .byte $AF
$4B4C 81 F1 STA ($F1,X)
$4B4E B1 B1 LDA ($B1),Y
$4B50 56 4B LSR $4B,X
$4B52 AA TAX
$4B53 AA TAX
$4B54 AA TAX
$4B55 .byte $EB
$4B56 7D 55 B1 ADC $B155,X
$4B59 B1 C5 LDA ($C5),Y
$4B5B C5 C5 CMP $C5
$4B5D B0 BB BCS L_BRS_($4B1A)_($4B5D) OK
$4B5F AD 55 55 LDA $5555
$4B62 45 80 EOR $80
$4B64 BC AF 6E LDY $6EAF,X
$4B67 6A ROR A
$4B68 55 55 EOR $55,X
$4B6A 55 55 EOR $55,X
$4B6C 15 01 ORA $01,X
$4B6E F0 BC BEQ L_BRS_($4B2C)_($4B6E) OK
$4B70 .byte $7A
$4B71 79 5A 6B ADC $6B5A,Y
$4B74 6C 68 78 JMP ($7868)
$4B77 5D 6C 88 EOR $886C,X
$4B7A D9 55 55 CMP $5555,Y
$4B7D 55 55 EOR $55,X
$4B7F 55 55 EOR $55,X
$4B81 .byte $57,$57
```

```
$4B83 56 56 LSR $56,X
$4B85 56 5A LSR $5A,X
$4B87      .byte $5A
$4B88 15 15 ORA $15,X
$4B8A 15 05 ORA $05,X
$4B8C C5 C5 CMP $C5
$4B8E 81 B1 STA ($B1,X)
$4B90 6A    ROR A
$4B91 69 AE ADC #$AE
$4B93 B6 81 LDX $81,Y
$4B95 A5 95 LDA $95
$4B97 D5 BC CMP $BC,X
$4B99 68    PLA
$4B9A 88    DEY
$4B9B D8    CLD
$4B9C 58    CLI
$4B9D 68    PLA
$4B9E 58    CLI
$4B9F 5D 55 55 EOR $5555,X
$4BA2 51 62 EOR ($62),Y
$4BA4 AA    TAX
$4BA5 BA    TSX
$4BA6 B6 89 LDX $89,Y
$4BA8 55 54 EOR $54,X
$4BAA      .byte $04
$4BAB 8C BC BC STY $BCBC
$4BAE BD B1 DA LDA $DAB1,X
$4BB1 5E 56 55 LSR $5556,X
$4BB4      .byte $54,$5A
```

\$4BB6 56 56 LSR \$56,X
\$4BB8 B1 B5 LDA (\$B5),Y
\$4BBA 85 85 STA \$85
\$4BBC 85 95 STA \$95
\$4BBE 15 55 ORA \$55,X
\$4BC0 55 40 EOR \$40,X
\$4BC2 AC FB 5B LDY \$5BFB
\$4BC5 .byte \$5F
\$4BC6 5E 5A 55 LSR \$555A,X
\$4BC9 55 15 EOR \$15,X
\$4BCB 15 15 ORA \$15,X
\$4BCD 05 C5 ORA \$C5
\$4BCF C5 5A CMP \$5A
\$4BD1 .byte \$5A,\$5B
\$4BD3 56 56 LSR \$56,X
\$4BD5 .byte \$42
\$4BD6 AA TAX
\$4BD7 .byte \$6B
\$4BD8 C1 F0 CMP (\$F0,X)
\$4BDA .byte \$FF,\$FF,\$FF
\$4BDD BE 69 55 LDX \$5569,Y
\$4BE0 55 55 EOR \$55,X
\$4BE2 55 55 EOR \$55,X
\$4BE4 45 85 EOR \$85
\$4BE6 .byte \$82
\$4BE7 A2 45 LDX #\$45
\$4BE9 81 A1 STA (\$A1,X)
\$4BEB 61 71 ADC (\$71,X)
\$4BED B1 B1 LDA (\$B1),Y

```

$4BEF B1 62 LDA ($62),Y
$4BF1 6A ROR A
$4BF2 .byte $5A
$4BF3 56 56 LSR $56,X
$4BF5 55 55 EOR $55,X
$4BF7 55 B1 EOR $B1,X
//-----
L_BRS_($4BF9)_($4BFB) OK
//-----
$4BF9 B1 F1 LDA ($F1),Y
$4BFB F0 FC BEQ L_BRS_($4BF9)_($4BFB) OK
$4BFD BC BF F7 LDY $F7BF,X
//-----
L_BRS_($4C00)_($4C6E) JAM
//-----
$4C00 .byte $54
$4C01 50 50 BVC L_BRS_($4C53)_($4C01) BAD
$4C03 50 64 BVC L_BRS_($4C69)_($4C03) BAD
$4C05 AA TAX
$4C06 .byte $FA,$FA
$4C08 55 11 EOR $11,X
$4C0A 10 1F BPL L_BRS_($4C2B)_($4C0A) BAD
$4C0C .byte $6B,$AB
$4C0E BD BC BA LDA $BABC,X
$4C11 F0 50 BEQ L_BRS_($4C63)_($4C11) OK
$4C13 .byte $5A,$5F
$4C15 55 55 EOR $55,X
$4C17 55 AC EOR $AC,X
$4C19 3D 05 85 AND $8505,X

```



```
$4C1C D5 55  CMP $55,X
$4C1E 55 55  EOR $55,X
$4C20      .byte $54
$4C21 50 50  BVC L_BRS_($4C73)_($4C21) OK
$4C23 70 71  BVS L_BRS_($4C96)_($4C23) BAD
$4C25      .byte $7A,$5A,$4F
$4C28 55 11  EOR $11,X
//-----
L_BRS_($4C2B)_($4C0A) BAD
//-----
$4C2A 10 0F  BPL L_BRS_($4C3B)_($4C2A) BAD
//-----
L_BRS_($4C2C)_($4C6A) JAM
//-----
$4C2C      .byte $0F,$4F
$4C2E 9D DD 43 STA $43DD,X
$4C31      .byte $63,$5A,$53,$57,$57
$4C36 55 55  EOR $55,X
$4C38      .byte $D4
//-----
L_BRS_($4C3B)_($4C2A) BAD
//-----
$4C39 EC BD F1 CPX $F1BD
$4C3C C5 D5  CMP $D5
$4C3E 55 55  EOR $55,X
$4C40      .byte $54
$4C41 50 50  BVC L_BRS_($4C93)_($4C41) JAM
$4C43      .byte $64
$4C44 69 6A  ADC # $6A
```

```
$4C46 6A    ROR A
$4C47      .byte $6F
$4C48 55 11  EOR $11,X
$4C4A C0 30  CPY #$30
$4C4C      .byte $CF,$CF,$BF
//-----
L_JSR_($4C50)_($9B86) BAD
L_JSR_($4C50)_($9BA4) BAD
//-----
$4C4F BD 5F 4F LDA $4F5F,X
//-----
L_BRS_($4C53)_($4C01) BAD
//-----
$4C52 4E 77 5D LSR $5D77
$4C55      .byte $5F,$5F
$4C57 55 74  EOR $74,X
$4C59 94 F1  STY $F1,X
$4C5B F5 C5  SBC $C5,X
//-----
L_BRS_($4C5E)_($4C6C) BAD
//-----
$4C5D 15 55  ORA $55,X
$4C5F 55 54  EOR $54,X
$4C61 50 53  BVC L_BRS_($4CB6)_($4C61) OK
//-----
L_BRS_($4C63)_($4C11) OK
//-----
$4C63 60    RTS
//-----
```

```

$4C64      .byte $A3,$AB,$FA
//-----
L_BRS_($4C69)_($4C03) BAD
//-----
$4C67 FE 55 11 INC $1155,X
//-----
L_BRS_($4C6A)_($4C78) OK
//-----
$4C6A 10 C0  BPL L_BRS_($4C2C)_($4C6A) JAM
$4C6C 10 F0  BPL L_BRS_($4C5E)_($4C6C) BAD
//-----
L_BRS_($4C6E)_($4CCC) OK
//-----
$4C6E 30 90  BMI L_BRS_($4C00)_($4C6E) JAM
$4C70      .byte $FB,$2F,$2F
//-----
L_BRS_($4C73)_($4C21) OK
//-----
$4C73 75 7C  ADC $7C,X
$4C75 7D 55 55 ADC $5555,X
$4C78 F0 F0  BEQ L_BRS_($4C6A)_($4C78) OK
$4C7A F1 C5  SBC ($C5),Y
$4C7C 55 55  EOR $55,X
$4C7E 55 55  EOR $55,X
$4C80      .byte $54
$4C81 50 5C  BVC L_BRS_($4CDF)_($4C81) OK
$4C83      .byte $63
$4C84 AC AF EB LDY $EBAF
//-----

```

```

L_BRS_($4C87)_($4C91) JAM
//-----
$4C87      .byte $FA
$4C88 55 11  EOR $11,X
$4C8A C0 24  CPY #$24
$4C8C E8     INX
$4C8D E8     INX
$4C8E AC AC FA LDY $FAAC
$4C91 90 F4  BCC L_BRS_($4C87)_($4C91) JAM
//-----
L_BRS_($4C93)_($4C41) JAM
//-----
$4C93      .byte $FF,$FF
//-----
L_BRS_($4C96)_($4C23) BAD
//-----
$4C95 FD 31 45 SBC $4531,X
$4C98 BC 2C 3C LDY $3C2C,X
$4C9B FD D5 55 SBC $55D5,X
$4C9E 55 55  EOR $55,X
$4CA0      .byte $54
$4CA1 50 53  BVC L_BRS_($4CF6)_($4CA1) OK
$4CA3      .byte $5C,$53,$5F
$4CA6 F6 FE  INC $FE,X
$4CA8 55 11  EOR $11,X
$4CAA      .byte $00
$4CAB 10 24  BPL L_BRS_($4CD1)_($4CAB) JAM
$4CAD A8     TAY
$4CAE BC BC FC LDY $FCBC,X

```

```

$4CB1      .byte $FC,$02
$4CB3 5D 5C 55 EOR $555C,X
//-----
L_BRS_($4CB6)_($4C61) OK
//-----
$4CB6 55 55  EOR $55,X
$4CB8      .byte $3C
$4CB9 2C FC 74 BIT $74FC
$4CBC D1 F5  CMP ($F5),Y
$4CBE 55 55  EOR $55,X
$4CC0      .byte $54
$4CC1 50 5C  BVC L_BRS_($4D1F)_($4CC1) BAD
$4CC3 70 4C  BVS L_BRS_($4D11)_($4CC3) JAM
$4CC5 DE FA FB DEC $FBFA,X
$4CC8 55 11  EOR $11,X
$4CCA 10 00  BPL L_BRS_($4CCC)_($4CCA) OK
//-----
L_BRS_($4CCC)_($4CCA) OK
//-----
$4CCC 90 A0  BCC L_BRS_($4C6E)_($4CCC) OK
$4CCE A0 E0  LDY #E0
//-----
L_BRS_($4CD1)_($4CAB) JAM
//-----
$4CD0      .byte $FF,$33,$47
$4CD3 5E 5E 5D LSR $5D5E,X
$4CD6      .byte $57
$4CD7 55 E0  EOR $E0,X
$4CD9 C0 C0  CPY #$C0

```

```

$4CDB E1 41  SBC ($41,X)
$4CDD C5 D5  CMP $D5
//-----
L_BRS_($4CDF)_($4C81) OK
//-----
$4CDF 55 54  EOR $54,X
$4CE1 50 50  BVC L_BRS_($4D33)_($4CE1) BAD
$4CE3 50 71  BVC L_BRS_($4D56)_($4CE3) BAD
$4CE5      .byte $7A,$7A,$5F
$4CE8 55 11  EOR $11,X
$4CEA      .byte $00
$4CEB 10 20  BPL L_BRS_($4D0D)_($4CEB) JAM
$4CED A4 A4  LDY $A4
$4CEF      .byte $80,$5F,$5F,$7B,$7C,$57,$5F
//-----
L_BRS_($4CF6)_($4CA1) OK
//-----
$4CF6 55 55  EOR $55,X
$4CF8      .byte $00
//-----
L_BRS_($4CFB)_($4D09) BAD
//-----
$4CF9 20 91 05 JSR $0591
$4CFC 15 55  ORA $55,X
//-----
L_BRS_($4CFF)_($4D3C) BAD
//-----
$4CFE 55 55  EOR $55,X
$4D00 55 5D  EOR $5D,X

```

```

$4D02    .byte $5F,$7F,$7F,$7F,$7F,$7F,$14
$4D09 30 F0  BMI L_BRS_($4CFB)_($4D09) BAD
//-----
L_BRS_($4D0D)_($4CEB) JAM
L_BRS_($4D11)_($4CC3) JAM
//-----
$4D0B    .byte $FC,$F4,$F4,$DF,$5F,$F7,$F7,$F7
$4D13    .byte $F7,$CF,$C3,$57
$4D17 55 FF  EOR $FF,X
$4D19    .byte $FF,$FF,$7F,$73,$C7
//-----
L_BRS_($4D1F)_($4CC1) BAD
//-----
$4D1E D5 55  CMP $55,X
$4D20 55 57  EOR $57,X
$4D22    .byte $5F
$4D23 7D 7D F7  ADC $F77D,X
$4D26    .byte $CF,$CF
$4D28 55 55  EOR $55,X
$4D2A    .byte $74,$FF,$FF,$F7
$4D2E FD FF 4F  SBC $4FFF,X
$4D31    .byte $7F
//-----
L_BRS_($4D33)_($4CE1) BAD
//-----
$4D32 7D 7C 53  ADC $537C,X
$4D35    .byte $57,$57
$4D37 55 7F  EOR $7F,X
$4D39    .byte $77,$F4,$DC

```

```

$4D3C F0 C1  BEQ L_BRS_($4CFF)_($4D3C) BAD
$4D3E 05 55  ORA $55
$4D40 55 55  EOR $55,X
$4D42 55 40  EOR $40,X
$4D44      .byte $FF,$7F
$4D46 FD FD 55  SBC $55FD,X
$4D49 55 55  EOR $55,X
$4D4B 11 30  ORA ($30),Y
$4D4D      .byte $F4,$FC,$FF
$4D50 F5 FF  SBC $FF,X
$4D52      .byte $FF,$FF,$C3
//-----
L_BRS_($4D56)_($4CE3) BAD
//-----
$4D55 50 54  BVC L_BRS_($4DAB)_($4D55) BAD
$4D57 55 EF  EOR $EF,X
$4D59      .byte $FC
$4D5A F0 7F  BEQ L_BRS_($4DDB)_($4D5A) JAM
$4D5C      .byte $DC
$4D5D C1 01  CMP ($01,X)
$4D5F 55 55  EOR $55,X
$4D61 55 55  EOR $55,X
$4D63      .byte $54
$4D64 7D 7D 7F  ADC $7F7D,X
$4D67      .byte $FF
$4D68 55 55  EOR $55,X
$4D6A 55 00  EOR $00,X
$4D6C      .byte $FC,$FF,$77,$FF,$DF,$F7,$F7,$FF
$4D74      .byte $F3

```



```
$4D75 F1 70 SBC ($70),Y
$4D77 71 F8 ADC ($F8),Y
$4D79 BC F0 00 LDY $00F0,X
$4D7C CC FC F1 CPY $F1FC
$4D7F 55 55 EOR $55,X
$4D81 75 73 ADC $73,X
$4D83 .byte $F7,$F7,$F7,$C7
$4D87 FD 55 5D SBC $5D55,X
$4D8A CC 7F 7F CPY $7F7F
$4D8D .byte $7F,$73,$7F,$7F,$7B,$7F,$7C
$4D94 70 7C BVS L_BRS_($4E12)_($4D94) JAM
$4D96 .byte $5F,$57,$FC
$4D99 EC FC 3C CPX $3CFC
$4D9C .byte $0C,$3C
$4D9E F1 C5 SBC ($C5),Y
$4DA0 55 55 EOR $55,X
$4DA2 55 54 EOR $54,X
$4DA4 .byte $7F
$4DA5 F5 DD SBC $DD,X
$4DA7 .byte $FF
$4DA8 55 55 EOR $55,X
//-----
L_BRS_($4DAB)_($4D55) BAD
//-----
$4DAA 55 01 EOR $01,X
$4DAC .byte $74,$7C,$FC,$F7,$EF
$4DB1 FE CF F0 INC $FOCF,X
$4DB4 .byte $73,$7F,$5F
$4DB7 55 DF EOR $DF,X
```

```

$4DB9      .byte $DF,$FF,$DF,$CF,$CF,$1C,$5C
$4DC0 55 55  EOR $55,X
$4DC2 55 54  EOR $54,X
$4DC4      .byte $5C,$5F,$7F,$FF
$4DC8 55 55  EOR $55,X
$4DCA 55 40  EOR $40,X
$4DCC      .byte $FF,$F4
$4DCE 55 7F  EOR $7F,X
$4DD0      .byte $FB,$3F,$0F,$FF,$77,$53
$4DD6 55 55  EOR $55,X
//-----
L_BRS_($4DDB)_($4D5A) JAM
//-----
$4DD8      .byte $57,$7F,$FF,$FF,$C3,$00
$4DDE 55 55  EOR $55,X
$4DE0 55 55  EOR $55,X
$4DE2      .byte $5C,$7F,$7F,$FF,$DF,$F7
$4DE8 55 C5  EOR $C5,X
$4DEA F1 7C  SBC ($7C),Y
//-----
L_BRS_($4DEE)_($4DF8) JAM
//-----
$4DEC      .byte $5C,$5F,$D7,$F3
$4DF0 FD FD 7F SBC $7FFD,X
$4DF3      .byte $7F,$5F,$57
$4DF6 55 55  EOR $55,X
$4DF8 F0 F4  BEQ L_BRS_($4DEE)_($4DF8) JAM
$4DFA      .byte $7C,$1C
//-----

```

```

L_BRS_($4DFC)_($4E4A) OK
//-----
$4DFC 41 C1  EOR ($C1,X)
$4DFE C5 55  CMP $55
$4E00 56 5A  LSR $5A,X
$4E02      .byte $5A,$5A,$5A,$5A
$4E06 7E 7E 95 ROR $957E,X
$4E09 A2 AA  LDX #$AA
//-----
L_BRS_($4E0B)_($4E19) OK
//-----
$4E0B A8    TAY
//-----
L_BRS_($4E0E)_($4E6C) BAD
//-----
$4E0C AC AC BC LDY $BCAC
$4E0F BC 72 73 LDY $7372,X
//-----
L_BRS_($4E12)_($4D94) JAM
//-----
$4E12      .byte $73,$6F,$5F,$5F,$5F
$4E17 55 FC  EOR $FC,X
$4E19 F0 F0  BEQ L_BRS_($4E0B)_($4E19) OK
$4E1B F1 F1  SBC ($F1),Y
$4E1D C5 15  CMP $15
$4E1F 55 56  EOR $56,X
$4E21      .byte $5A,$5A,$5A,$5A,$7A,$7A,$7A
$4E28 95 A1  STA $A1,X
$4E2A A0 A0  LDY #$A0

```

```

//-----
L_BRS_($4E2D)_($4E3B) BAD
//-----
$4E2C A0 BE  LDY #$BE
//-----
L_BRS_($4E2E)_($4E4C) OK
//-----
$4E2E FE FC 7B  INC $7BFC,X
$4E31      .byte $7F,$6F,$6F,$5F,$5F,$5C
$4E37 55 F0  EOR $F0,X
$4E39 C0 F0  CPY #$F0
$4E3B F0 F0  BEQ L_BRS_($4E2D)_($4E3B) BAD
$4E3D F1 55  SBC ($55),Y
//-----
L_BRS_($4E40)_($4E4E) BAD
//-----
$4E3F 55 56  EOR $56,X
$4E41      .byte $5A,$5A,$5A,$5A,$5A,$7B,$7B
$4E48 95 A1  STA $A1,X
$4E4A B0 B0  BCS L_BRS_($4DFC)_($4E4A) OK
//-----
L_BRS_($4E4C)_($4E5A) OK
//-----
$4E4C B0 E0  BCS L_BRS_($4E2E)_($4E4C) OK
//-----
L_BRS_($4E4E)_($4E5C) OK
//-----
$4E4E F0 F0  BEQ L_BRS_($4E40)_($4E4E) BAD
$4E50      .byte $7F,$5F,$5F,$5F,$5F,$5F

```

```

$4E56 55 55  EOR $55,X
$4E58 38     SEC
$4E59 C8     INY
//-----
L_BRS_($4E5B)_($4E79) BAD
L_BRS_($4E5B)_($4ED9) BAD
//-----
$4E5A F0 F0  BEQ L_BRS_($4E4C)_($4E5A) OK
$4E5C F0 F0  BEQ L_BRS_($4E4E)_($4E5C) OK
$4E5E C1 55  CMP ($55,X)
$4E60 56 5A  LSR $5A,X
$4E62      .byte $5A,$5A,$5A,$5B,$5F,$5F
$4E68 95 A1  STA $A1,X
$4E6A E0 F0  CPX #$F0
$4E6C F0 A0  BEQ L_BRS_($4E0E)_($4E6C) BAD
$4E6E A0 E0  LDY #$E0
$4E70      .byte $5C,$5C,$5C,$5F,$5F,$57,$57
$4E77 55 F0  EOR $F0,X
$4E79 F0 E0  BEQ L_BRS_($4E5B)_($4E79) BAD
$4E7B A0 E0  LDY #$E0
//-----
L_BRS_($4E7E)_($4EBB) BAD
//-----
$4E7D F1 C5  SBC ($C5),Y
$4E7F 55 56  EOR $56,X
$4E81      .byte $5A,$5B,$5B,$5B
$4E85 7E 7E 7E ROR $7E7E,X
$4E88 95 A1  STA $A1,X
$4E8A A0 EE  LDY #$EE

```

```

//-----
L_BRS_($4E8C)_($4E9A) OK
//-----
$4E8C EE BC BC INC $BCBC
$4E8F BC 6E 6F LDY $6F6E,X
$4E92      .byte $6F,$6F,$6F,$AB,$9F
$4E97 55 FC  EOR $FC,X
$4E99      .byte $FC
$4E9A F0 F0  BEQ L_BRS_($4E8C)_($4E9A) OK
$4E9C F1 C5  SBC ($C5),Y
$4E9E 05 55  ORA $55
$4EA0 56 5A  LSR $5A,X
$4EA2 5E 5F 5F LSR $5F5F,X
$4EA5      .byte $5A,$5A,$5A
$4EA8 95 A1  STA $A1,X
//-----
L_BRS_($4EAB)_($4EB9) BAD
//-----
$4EAA A0 A0  LDY #A0
$4EAC A0 F0  LDY #F0
$4EAE      .byte $FC
$4EAF EC 6B 6F CPX $6F6B
$4EB2      .byte $5F,$5F,$5F,$5F,$57
$4EB7 55 EC  EOR $EC,X
$4EB9 F0 F0  BEQ L_BRS_($4EAB)_($4EB9) BAD
$4EBB F0 C1  BEQ L_BRS_($4E7E)_($4EBB) BAD
$4EBD C5 15  CMP $15
$4EBF 55 56  EOR $56,X
$4EC1      .byte $5A,$5A

```

```

$4EC3 5E 5E 6B LSR $6B5E,X
$4EC6      .byte $6B,$5B
$4EC8 95 A1  STA $A1,X
$4ECA A0 A0  LDY # $A0
//-----
L_BRS_($4ECD)_($4EDB) BAD
//-----
$4ECC A0 A0  LDY # $A0
$4ECE E0 F0  CPX # $F0
//-----
L_BRS_($4ED2)_($4F04) JAM
//-----
$4ED0      .byte $5F,$5F,$5F,$5F,$5F,$5F,$57
$4ED7 55 F0  EOR $F0,X
$4ED9 B0 80  BCS L_BRS_($4E5B)_($4ED9) BAD
$4EDB F0 F0  BEQ L_BRS_($4ECD)_($4EDB) BAD
$4EDD F1 C5  SBC ($C5),Y
$4EDF 55 56  EOR $56,X
$4EE1      .byte $5A,$5A,$5A,$5A
$4EE5 5E 5F 5F LSR $5F5F,X
//-----
L_BRS_($4EE8)_($4F26) OK
//-----
$4EE8 95 A1  STA $A1,X
$4EEA A0 A0  LDY # $A0
//-----
L_BRS_($4EED)_($4EFB) BAD
//-----
$4EEC A0 A0  LDY # $A0

```

```

$4EEE A0 A0 LDY #A0
$4EF0 .byte $5F,$5F,$5F,$5A
$4EF4 5E 5F 57 LSR $575F,X
$4EF7 55 F0 EOR $F0,X
$4EF9 30 30 BMI L_BRS_($4F2B)_($4EF9) BAD
$4EFB 30 F0 BMI L_BRS_($4EED)_($4EFB) BAD
$4EFD F1 C5 SBC ($C5),Y
$4EFF 55 57 EOR $57,X
$4F01 .byte $5C
$4F02 70 70 BVS L_BRS_($4F74)_($4F02) OK
$4F04 70 CC BVS L_BRS_($4ED2)_($4F04) JAM
$4F06 .byte $C3,$00,$57,$DF
$4FOA 30 33 BMI L_BRS_($4F3F)_($4FOA) OK
$4F0C .byte $33,$C3,$03,$0C,$0C,$33
$4F12 F0 70 BEQ L_BRS_($4F84)_($4F12) JAM
$4F14 70 5F BVS L_BRS_($4F75)_($4F14) BAD
$4F16 55 55 EOR $55,X
$4F18 .byte $FC
//-----
L_BRS_($4F19)_($4F8B) OK
//-----
$4F19 30 31 BMI L_BRS_($4F4C)_($4F19) OK
$4F1B 31 35 AND ($35),Y
$4F1D D5 55 CMP $55,X
$4F1F 55 5D EOR $5D,X
$4F21 .byte $73
$4F22 C0 C0 CPY #C0
$4F24 C0 CF CPY #CF
$4F26 70 C0 BVS L_BRS_($4EE8)_($4F26) OK

```



```
$4F28 55 45  EOR $45,X
//-----
L_BRS_($4F2B)_($4EF9) BAD
//-----
$4F2A C1 CF  CMP ($CF,X)
$4F2C      .byte $F3
$4F2D C1 0C  CMP ($0C,X)
$4F2F 30 70  BMI L_BRS_($4FA1)_($4F2F) JAM
$4F31      .byte $CF
$4F32 C0 C0  CPY #C0
$4F34 C0 73  CPY #73
$4F36 5D 55 C1 EOR $C155,X
$4F39 C1 C1  CMP ($C1,X)
$4F3B C5 D5  CMP $D5
$4F3D 55 55  EOR $55,X
//-----
L_BRS_($4F3F)_($4F0A) OK
//-----
$4F3F 55 5D  EOR $5D,X
$4F41      .byte $73
$4F42 C0 C3  CPY #C3
$4F44      .byte $73,$CF
$4F46 C0 C0  CPY #C0
$4F48 55 45  EOR $45,X
$4F4A 41 01  EOR ($01,X)
//-----
L_BRS_($4F4C)_($4F19) OK
//-----
$4F4C 01 01  ORA ($01,X)
```

```

//-----
L_JSR_($4F4E)_($9B77) JAM
L_JSR_($4F4E)_($9B95) JAM
L_JSR_($4F50)_($9FB1) JAM
L_JSR_($4F50)_($9FC3) JAM
L_JSR_($4F50)_($9FE8) JAM
//-----
$4F4E      .byte $FF,$03,$CF,$73
$4F52 CC C0 C0  CPY $C0C0
$4F55 C0 73   CPY #73
$4F57 5D FC 00  EOR $00FC,X
$4F5A C1 C1   CMP ($C1,X)
$4F5C C5 D5   CMP $D5
$4F5E 55 55   EOR $55,X
//-----
L_BRS_($4F60)_($4F6E) JAM
//-----
$4F60      .byte $57,$5C
$4F62 70 70   BVS L_BRS_($4FD4)_($4F62) JAM
$4F64      .byte $72,$5F
$4F66 70 70   BVS L_BRS_($4FD8)_($4F66) JAM
$4F68 55 D1   EOR $D1,X
//-----
L_BRS_($4F6B)_($4FA6) JAM
//-----
$4F6A      .byte $00,$80
$4F6C C0 F0   CPY #F0
$4F6E 30 F0   BMI L_BRS_($4F60)_($4F6E) JAM
$4F70      .byte $7C,$7F

```

```
$4F72 70 70  BVS L_BRS_($4FE4)_($4F72) JAM
//-----
L_BRS_($4F74)_($4F02) OK
L_BRS_($4F75)_($4F14) BAD
//-----
$4F74 70 5C  BVS L_BRS_($4FD2)_($4F74) BAD
$4F76      .byte $57
$4F77 55 30  EOR $30,X
$4F79      .byte $0C
$4F7A CC 31 35  CPY $3531
$4F7D D5 55  CMP $55,X
$4F7F 55 57  EOR $57,X
$4F81      .byte $5C
$4F82 70 70  BVS L_BRS_($4FF4)_($4F82) JAM
//-----
L_BRS_($4F84)_($4F12) JAM
//-----
$4F84      .byte $4B,$7F,$C3
$4F87 C0 55  CPY #55
$4F89 D1 30  CMP ($30),Y
$4F8B 30 8C  BMI L_BRS_($4F19)_($4F8B) OK
$4F8D      .byte $C3,$03,$33,$0C,$03
$4F92 30 30  BMI L_BRS_($4FC4)_($4F92) BAD
$4F94 30 3F  BMI L_BRS_($4FD5)_($4F94) JAM
$4F96 F5 D5  SBC $D5,X
$4F98      .byte $F3,$33,$3C
$4F9B 31 35  AND ($35),Y
$4F9D D5 55  CMP $55,X
$4F9F 55 55  EOR $55,X
```

```

//-----
L_BRS_($4FA1)_($4F2F) JAM
//-----
$4FA1      .byte $57,$54
$4FA3 56 57  LSR $57,X
$4FA5      .byte $5F
$4FA6 70 C3  BVS L_BRS_($4F6B)_($4FA6) JAM
$4FA8 D5 34  CMP $34,X
$4FAA      .byte $0C,$0C
$4FAC 8C F0 0C STY $0CF0
$4FAF      .byte $03,$CF,$FC,$5C,$5C,$5C,$57
$4FB6 55 55  EOR $55,X
$4FB8      .byte $33,$F3,$33,$0C
$4FBC 0D 35 D5 ORA $D535
$4FBF 55 55  EOR $55,X
$4FC1 55 55  EOR $55,X
//-----
L_BRS_($4FC4)_($4F92) BAD
//-----
$4FC3 55 FF  EOR $FF,X
//-----
L_BRS_($4FC6)_($4FF8) BAD
//-----
$4FC5 C0 CF  CPY #CF
$4FC7      .byte $77
$4FC8 75 CD  ADC $CD,X
$4FCA      .byte $03,$C3
$4FCC CC F3 03 CPY $03F3
$4FCF      .byte $33,$57

```

```

//-----
L_BRS_($4FD2)_($4F74) BAD
//-----
$4FD1 55 57  EOR $57,X
//-----
L_BRS_($4FD4)_($4F62) JAM
L_BRS_($4FD5)_($4F94) JAM
//-----
$4FD3      .byte $57,$57,$57
$4FD6 55 55  EOR $55,X
//-----
L_BRS_($4FD8)_($4F66) JAM
//-----
$4FD8      .byte $33,$F3,$33,$33,$0C,$00
$4FDE CD 75 55  CMP $5575
//-----
L_BRS_($4FE4)_($4F72) JAM
//-----
$4FE1      .byte $57,$5C,$5C,$5C,$57,$5C,$5C
$4FE8 D5 30  CMP $30,X
$4FEA      .byte $0C,$0C,$0C
$4FED CC 30 0C  CPY $0C30
//-----
L_BRS_($4FF4)_($4F82) JAM
//-----
$4FF0      .byte $5C,$5C,$5C,$5F,$5C,$57
$4FF6 55 55  EOR $55,X
$4FF8 F0 CC  BEQ L_BRS_($4FC6)_($4FF8) BAD
$4FFA CC 0C 0D  CPY $0D0C

```

```
$4FFD 35 D5  AND $D5,X
$4FFF F5 55  SBC $55,X
$5001 55 55  EOR $55,X
$5003 55 55  EOR $55,X
$5005 55 55  EOR $55,X
$5007 55 FF  EOR $FF,X
$5009 FE FE FF INC $FFFE,X
$500C FE FE FE INC $FEFE,X
$500F      .byte $FF,$FF
$5011 BA    TSX
$5012 EE AB EE INC $EEAB
$5015 BA    TSX
$5016 EE AB FF INC $FFAB
$5019      .byte $BB,$EF
$501B A8    TAY
$501C      .byte $EF,$BB,$EF
$501F A8    TAY
$5020 FE FE FE INC $FEFE,X
$5023      .byte $FF
$5024 FE FE FE INC $FEFE,X
$5027      .byte $FF
$5028 EE BB EF INC $EFBB
$502B A8    TAY
$502C      .byte $EF,$BB,$EF
$502F A8    TAY
$5030 EE FE FE INC $FEFE
$5033      .byte $FF
$5034 FE FE FE INC $FEFE,X
$5037      .byte $FF,$EF,$BB,$EF
```

```
$503B A8    TAY
$503C      .byte $EF,$BB,$EF
$503F A8    TAY
$5040      .byte $EF
$5041 BA    TSX
$5042 EE AB EE INC $EEAB
$5045 BA    TSX
$5046 EE AB FE INC $FEAB
$5049 BA    TSX
$504A EE AB EE INC $EEAB
//-----
L_BRS_($504D)_($50BF) OK
//-----
$504D BA    TSX
$504E EE AB FE INC $FEAB
//-----
L_JSR_($5053)_($9FD5) JAM
//-----
$5051      .byte $FF,$F3,$FC,$F3,$CF,$33,$FC
$5058 EE CF 33 INC $33CF
$505B      .byte $FC,$33,$CF,$33,$FC,$EF,$CF,$33
$5063      .byte $FC,$33,$CF,$33,$FC
$5068 55 55  EOR $55,X
$506A 55 40  EOR $40,X
$506C      .byte $BF
$506D CC CC DD CPY $DDCC
$5070 55 51  EOR $51,X
$5072      .byte $5C,$33,$F3,$73
$5076 4C 50 57 JMP L_JMP_($5750)_($5076) JAM
```

\$5079 .byte \$5F,\$6F,\$73,\$74
\$507D 56 57 LSR \$57,X
\$507F 55 CC EOR \$CC,X
\$5081 .byte \$3C
\$5082 30 70 BMI L_BRS_(\$50F4)_(\$5082) OK
\$5084 C1 C5 CMP (\$C5,X)
\$5086 15 55 ORA \$55,X
\$5088 .byte \$EB
\$5089 AA TAX
\$508A 88 DEY
\$508B A2 FB LDX #\$FB
\$508D .byte \$6B,\$7C,\$42
\$5090 41 68 EOR (\$68,X)
\$5092 DE 6D 9A DEC \$9A6D,X
\$5095 E5 6A SBC \$6A
\$5097 .byte \$F7,\$2F,\$AB,\$8B
\$509B AA TAX
\$509C .byte \$E3,\$EB
\$509E BC E6 BB LDY \$BBE6,X
\$50A1 B5 E1 LDA \$E1,X
\$50A3 2C 3A 3A BIT \$3A3A
\$50A6 B9 D9 40 LDA \$40D9,Y
\$50A9 .byte \$BF,\$BF,\$EF
\$50AC C0 8A CPY #\$8A
\$50AE AA TAX
\$50AF FE 00 F8 INC \$F800,X
\$50B2 .byte \$F8
\$50B3 EC 30 C8 CPX \$C830
\$50B6 A8 TAY


```
$50B7 CC FA FA CPY $FAFA
$50BA      .byte $FA,$FF,$EF,$BF,$BF
$50BF 70 8C  BVS L_BRS_($504D)_($50BF) OK
$50C1 8C BC FC STY $FCBC
$50C4 EC F8 F8 CPX $F8F8
$50C7      .byte $03
$50C8 55 50  EOR $50,X
$50CA      .byte $7F,$FF
$50CC FE 40 71 INC $7140,X
$50CF 76 55  ROR $55,X
$50D1 01 F0  ORA ($F0,X)
$50D3      .byte $FC
$50D4 FD 01 31 SBC $3101,X
$50D7 71 71  ADC ($71),Y
$50D9 79 72 7F ADC $7F72,Y
$50DC      .byte $7F
$50DD 65 59  ADC $59
$50DF 55 B1  EOR $B1,X
$50E1 71 31  ADC ($31),Y
$50E3 F1 F5  SBC ($F5),Y
$50E5 95 59  STA $59,X
$50E7 55 00  EOR $00,X
$50E9      .byte $77
$50EA 25 25  AND $25
$50EC 25 25  AND $25
$50EE      .byte $27,$00,$00,$0C,$1C,$3C
//-----
L_BRS_($50F4)_($5082) OK
//-----
```

```

$50F4 6C 7E 0C JMP ($0C7E)
$50F7      .byte $00,$00,$3C
$50FA 66 3C  ROR $3C
$50FC 66 66  ROR $66
$50FE      .byte $3C,$00,$00,$74,$42
$5103 61 42  ADC ($42,X)
$5105      .byte $44,$74,$00,$00,$57,$92,$12,$92
$510D      .byte $52,$52,$00
//-----
L_BRS_($5110)_($511E) OK
//-----
$5110 55 56  EOR $56,X
$5112      .byte $57,$7F,$77,$7F,$7B,$7B
$5118 55 55  EOR $55,X
$511A 55 51  EOR $51,X
$511C 51 C1  EOR ($C1),Y
$511E F0 F0  BEQ L_BRS_($5110)_($511E) OK
$5120      .byte $73,$7C,$73,$7F,$7F,$7F,$5F
$5127 55 30  EOR $30,X
$5129 F1 31  SBC ($31),Y
$512B F1 F5  SBC ($F5),Y
$512D F5 D5  SBC $D5,X
$512F 55 55  EOR $55,X
$5131 51 4C  EOR ($4C),Y
$5133      .byte $3C,$3F,$4F,$5F,$5F
$5138 55 55  EOR $55,X
$513A 55 15  EOR $15,X
$513C 05 C1  ORA $C1
$513E E0 E6  CPX #$E6

```

```

$5140      .byte $5F,$5F,$57,$57
$5144 91 64  STA ($64),Y
$5146 59 56 AA EOR $AA56,Y
$5149 A6 A6  LDX $A6
$514B 96 53  STX $53,Y
$514D      .byte $07,$17,$17,$5B
$5151 5D 5F 5F EOR $5F5F,X
$5154      .byte $5F,$5F,$7F,$6F
$5158 55 55  EOR $55,X
//-----
L_BRS_($515A)_($5168) OK
//-----
$515A 55 55  EOR $55,X
//-----
L_BRS_($515C)_($515F) OK
L_BRS_($515C)_($516A) OK
//-----
$515C 55 55  EOR $55,X
$515E      .byte $D4
//-----
L_BRS_($515F)_($516C) OK
//-----
$515F F0 FB  BEQ L_BRS_($515C)_($515F) OK
$5161      .byte $FF,$FF,$FF,$FF,$FF,$7F,$5F
$5168 F0 F0  BEQ L_BRS_($515A)_($5168) OK
$516A F0 F0  BEQ L_BRS_($515C)_($516A) OK
$516C F0 F1  BEQ L_BRS_($515F)_($516C) OK
$516E C5 55  CMP $55
$5170 7E 79 79 ROR $7979,X

```

\$5173 79 7E 5F ADC \$5F7E,Y
\$5176 .byte \$57
\$5177 55 BC EOR \$BC,X
\$5179 6C 6C 6C JMP (\$6C6C)
\$517C BC F1 D5 LDY \$D5F1,X
\$517F 55 55 EOR \$55,X
\$5181 55 57 EOR \$57,X
\$5183 .byte \$57,\$5C,\$5C,\$5C,\$5C
\$5188 55 55 EOR \$55,X
\$518A C5 31 CMP \$31
\$518C 5D 5C 57 EOR \$575C,X
\$518F .byte \$57,\$5C,\$FB
\$5192 AA TAX
\$5193 .byte \$8B,\$A3,\$8B
\$5196 ED 55 47 SBC \$4755
\$5199 5D F1 15 EOR \$15F1,X
\$519C 15 55 ORA \$55,X
\$519E 55 55 EOR \$55,X
\$51A0 .byte \$7F,\$BF,\$BF,\$FF
\$51A4 FE FE FE INC \$FEFE,X
\$51A7 .byte \$FA
\$51A8 F5 F9 SBC \$F9,X
\$51AA F9 FD FD SBC \$FDFD,Y
\$51AD FD FD BD SBC \$BDFD,X
\$51B0 .byte \$FA
\$51B1 FE FE FE INC \$FEFE,X
\$51B4 .byte \$FF,\$BF,\$BF,\$7F
\$51B8 BD FD FD LDA \$FDFD,X
\$51BB FD FD F9 SBC \$F9FD,X

\$51BE F9 F5 55 SBC \$55F5,Y
\$51C1 55 5D EOR \$5D,X
\$51C3 55 D5 EOR \$D5,X
\$51C5 55 D5 EOR \$D5,X
\$51C7 5D 55 55 EOR \$5555,X
\$51CA D5 5D CMP \$5D,X
\$51CC 55 57 EOR \$57,X
\$51CE D5 57 CMP \$57,X
\$51D0 D5 55 CMP \$55,X
\$51D2 D5 55 CMP \$55,X
\$51D4 75 57 ADC \$57,X
\$51D6 55 55 EOR \$55,X
\$51D8 D5 57 CMP \$57,X
\$51DA 55 57 EOR \$57,X
\$51DC 55 75 EOR \$75,X
\$51DE 55 55 EOR \$55,X
\$51E0 55 55 EOR \$55,X
\$51E2 55 00 EOR \$00,X
\$51E4 .byte \$EF,\$EF
\$51E6 EA NOP
\$51E7 .byte \$EF
\$51E8 55 55 EOR \$55,X
\$51EA 55 00 EOR \$00,X
\$51EC .byte \$FF,\$FF
\$51EE AA TAX
\$51EF .byte \$FF,\$BF,\$BF,\$BF
\$51F3 55 55 EOR \$55,X
\$51F5 55 55 EOR \$55,X
\$51F7 55 FF EOR \$FF,X

\$51F9 .byte \$FF,\$FF
\$51FB 55 55 EOR \$55,X
\$51FD 55 55 EOR \$55,X
\$51FF 55 7F EOR \$7F,X
\$5201 .byte \$FF
\$5202 FE FE FE INC \$FEFE,X
\$5205 FE FE FE INC \$FEFE,X
\$5208 FD EF AB SBC \$ABEF,X
\$520B .byte \$AB,\$EB,\$AF,\$AB,\$AB,\$FF,\$FF,\$FF
\$5213 .byte \$FF,\$FF,\$FF,\$FF,\$7F,\$AF,\$FF,\$FF
\$521B .byte \$FF,\$FF,\$FF,\$FF
\$521F FD 7F FF SBC \$FF7F,X
\$5222 FE FE FE INC \$FEFE,X
\$5225 7E FF FE ROR \$FEFF,X
\$5228 FD AF EF SBC \$EFAF,X
\$522B .byte \$AB,\$BB,\$AF,\$AB,\$AF,\$FF,\$FF,\$FF
\$5233 .byte \$7F,\$FF,\$F7,\$DF,\$77,\$BF,\$FF,\$FF
\$523B .byte \$FF,\$FF
\$523D FD DF F5 SBC \$F5DF,X
\$5240 7D FF FE ADC \$FEFF,X
\$5243 .byte \$7F,\$7F,\$FF,\$7F,\$FF
\$5248 FD BF AF SBC \$AFBF,X
\$524B .byte \$AF,\$EF
\$524D BD AF BB LDA \$BBAF,X
\$5250 .byte \$7F,\$5F,\$7F
\$5253 DD 7F F7 CMP \$F77F,X
\$5256 .byte \$DF,\$77,\$EF,\$FF,\$FF
\$525B FD FD 5F SBC \$5FFD,X
\$525E .byte \$F7

```

$525F 55 B5  EOR $B5,X
$5261 B5 B5  LDA $B5,X
$5263 B5 B5  LDA $B5,X
$5265 B5 A5  LDA $A5,X
$5267 F5 5F  SBC $5F,X
$5269      .byte $5F,$5F,$5F,$5F,$5F,$5F,$5F
$5270 B5 B5  LDA $B5,X
$5272 B5 B5  LDA $B5,X
$5274 B5 B5  LDA $B5,X
$5276 B5 B5  LDA $B5,X
$5278      .byte $5F,$5F,$5F,$5F,$5F,$5F,$5F,$5A
//-----
L_BRS_($5280)_($528E) OK
//-----
$5280 55 56  EOR $56,X
$5282      .byte $57,$5F,$77,$7F,$7F,$7F
//-----
L_BRS_($5288)_($52BC) OK
//-----
$5288 55 55  EOR $55,X
$528A 55 51  EOR $51,X
$528C 51 C1  EOR ($C1),Y
$528E F0 F0  BEQ L_BRS_($5280)_($528E) OK
$5290 21 21  AND ($21,X)
$5292 A1 AC  LDA ($AC,X)
$5294 78     SEI
$5295      .byte $5B
$5296 5E 42 55 LSR $5542,X
$5299 B4 BA  LDY $BA,X

```

```
$529B EA    NOP
$529C      .byte $63
$529D 68    PLA
$529E 7E 5A 55 ROR $555A,X
$52A1      .byte $14,$C3
$52A3 BE 33 B1 LDX $B133,Y
$52A6 F1 CE    SBC ($CE),Y
$52A8      .byte $7A
$52A9 EC A7 BB CPX $BBA7
$52AC DD 55 55 CMP $5555,X
$52AF 55 F1    EOR $F1,X
$52B1 21 EC    AND ($EC,X)
$52B3 78      SEI
$52B4 59 5D 55 EOR $555D,Y
$52B7 55 40    EOR $40,X
$52B9      .byte $BF,$BF,$EF
$52BC F0 CA    BEQ L_BRS_($5288)_($52BC) OK
$52BE AA      TAX
$52BF F6 00    INC $00,X
$52C1      .byte $F8,$F8
$52C3 EC 3C C0 CPX $C03C
$52C6 A8      TAY
$52C7 4C 40 BF JMP $BF40
$52CA      .byte $BF,$EF,$F8
$52CD FE FA F2 INC $F2FA,X
$52D0      .byte $00,$F8,$F8
$52D3 EC 3C CC CPX $CC3C
$52D6 8C 0C 55 STY $550C
$52D9 55 55    EOR $55,X
```



```
$52DB 55 55  EOR $55,X
$52DD 55 55  EOR $55,X
$52DF 55 55  EOR $55,X
$52E1 55 65  EOR $65,X
$52E3 E9 D9  SBC #$D9
$52E5 D9 98 A4  CMP $A498,Y
$52E8      .byte $5B,$5B,$5B,$5C
$52EC 55 55  EOR $55,X
$52EE 55 55  EOR $55,X
$52F0 C0 C0  CPY #$C0
$52F2 C0 C1  CPY #$C1
$52F4 C5 55  CMP $55
$52F6 55 55  EOR $55,X
$52F8 55 55  EOR $55,X
$52FA 55 57  EOR $57,X
$52FC      .byte $57,$57
$52FE 56 56  LSR $56,X
$5300 55 45  EOR $45,X
$5302 81 A5  STA ($A5,X)
$5304      .byte $82,$B2
$5306 AE 6A 58  LDX $586A
$5309 68     PLA
$530A 58     CLI
$530B 18     CLC
$530C C8     INY
$530D 88     DEY
$530E AC BC 5A  LDY $5ABC
//-----
L_BRS_($5311)_($5363) OK
```

```
//-----  
$5311 5E 56 56 LSR $5656,X  
$5314 56 56 LSR $56,X  
$5316 .byte $5F,$5F  
$5318 F5 C5 SBC $C5,X  
$531A C5 C5 CMP $C5  
$531C C5 C5 CMP $C5  
$531E C5 15 CMP $15  
$5320 51 60 EOR ($60),Y  
$5322 69 6C ADC #$6C  
$5324 6C 6E 6E JMP ($6E6E)  
$5327 6A ROR A  
$5328 55 55 EOR $55,X  
$532A .byte $54  
$532B 58 CLI  
$532C 08 PHP  
$532D 88 DEY  
$532E 88 DEY  
$532F .byte $B8,$7A,$7A,$7A  
$5333 6A ROR A  
$5334 6A ROR A  
$5335 .byte $EB  
$5336 AD BD ED LDA $EDBD  
$5339 A1 B5 LDA ($B5,X)  
$533B D5 15 CMP $15,X  
$533D 15 55 ORA $55,X  
$533F 55 55 EOR $55,X  
$5341 55 55 EOR $55,X  
$5343 55 55 EOR $55,X
```

```
$5345 55 56  EOR $56,X
$5347 56 55  LSR $55,X
$5349      .byte $57,$7A
$534B E9 B1  SBC #$B1
$534D F1 B1  SBC ($B1),Y
$534F B1 42  LDA ($42),Y
$5351      .byte $BB
$5352 AA    TAX
$5353 AA    TAX
$5354 EA    NOP
$5355      .byte $7B
$5356 5D 55 B1 EOR $B155,X
$5359 B1 C5  LDA ($C5),Y
$535B C5 C0  CMP $C0
$535D      .byte $BF
$535E B9 ED 55 LDA $55ED,Y
$5361 55 45  EOR $45,X
$5363 F0 AC  BEQ L_BRS_($5311)_($5363) OK
$5365      .byte $EF
$5366 6E 6A 55 ROR $556A
$5369 55 55  EOR $55,X
$536B 55 15  EOR $15,X
$536D      .byte $00,$FC
$536F BC 7A 79 LDY $797A,X
$5372      .byte $5A,$5B
$5374 6C 6A 7F JMP ($7F6A)
$5377 55 68  EOR $68,X
$5379 88    DEY
$537A D5 55  CMP $55,X
```

\$537C 15 55 ORA \$55,X
\$537E 55 55 EOR \$55,X
\$5380 55 57 EOR \$57,X
\$5382 .byte \$57,\$57
\$5384 56 56 LSR \$56,X
\$5386 5E 5A 15 LSR \$155A,X
\$5389 15 15 ORA \$15,X
\$538B 05 C5 ORA \$C5
\$538D C1 80 CMP (\$80,X)
\$538F BC 7A 69 LDY \$697A,X
\$5392 EE B6 85 INC \$85B6
\$5395 81 A5 STA (\$A5,X)
\$5397 95 BC STA \$BC,X
\$5399 78 SEI
\$539A 98 TYA
\$539B D8 CLD
\$539C 68 PLA
\$539D 58 CLI
\$539E .byte \$5C
\$539F 55 55 EOR \$55,X
\$53A1 51 71 EOR (\$71),Y
\$53A3 EE AA BA INC \$BAAA
\$53A6 B6 D9 LDX \$D9,Y
\$53A8 .byte \$54,\$54,\$0C
\$53AB 8C BC BD STY \$BDBC
\$53AE B1 B1 LDA (\$B1),Y
\$53B0 .byte \$5A
\$53B1 5E 56 55 LSR \$5556,X
\$53B4 .byte \$57,\$5A

\$53B6 56 5B LSR \$5B,X
\$53B8 B1 B5 LDA (\$B5),Y
\$53BA 85 85 STA \$85
\$53BC 85 D5 STA \$D5
\$53BE 15 55 ORA \$55,X
\$53C0 51 60 EOR (\$60),Y
\$53C2 EC 7B 5B CPX \$5B7B
\$53C5 .byte \$5F
\$53C6 5E 5A 55 LSR \$555A,X
\$53C9 55 15 EOR \$15,X
\$53CB 15 15 ORA \$15,X
\$53CD 05 C5 ORA \$C5
\$53CF C5 5A CMP \$5A
\$53D1 .byte \$5A,\$5B
\$53D3 56 56 LSR \$56,X
\$53D5 .byte \$E2
\$53D6 6A ROR A
\$53D7 .byte \$5B
\$53D8 C0 F3 CPY #\$F3
\$53DA .byte \$FF,\$FF
\$53DC FE B9 65 INC \$65B9,X
\$53DF 55 55 EOR \$55,X
\$53E1 55 57 EOR \$57,X
\$53E3 .byte \$57
\$53E4 55 C5 EOR \$C5,X
\$53E6 86 82 STX \$82
\$53E8 55 05 EOR \$05,X
\$53EA B1 B1 LDA (\$B1),Y
\$53EC 71 B1 ADC (\$B1),Y

```

$53EE B1 B1 LDA ($B1),Y
$53F0      .byte $B2
$53F1 6A   ROR A
$53F2 6A   ROR A
$53F3 56 57 LSR $57,X
$53F5 55 55 EOR $55,X
$53F7 55 B1 EOR $B1,X
$53F9 B1 F0 LDA ($F0),Y
$53FB      .byte $FC,$FC,$BF,$FF,$F7
$5400 55 54 EOR $54,X
$5402 50 50 BVC L_BRS_($5454)_($5402) BAD
$5404 A4 AA LDY $AA
$5406 EA   NOP
//-----
L_BRS_($5407)_($5462) JAM
//-----
$5407      .byte $FA
$5408 55 55 EOR $55,X
$540A 11 10 ORA ($10),Y
$540C      .byte $4F,$AB,$AB
$540F BD 5A 50 LDA $505A,X
$5412 50 5A BVC L_BRS_($546E)_($5412) OK
$5414      .byte $5F,$5F,$5F
$5417 55 BC EOR $BC,X
//-----
L_BRS_($541A)_($544C) BAD
//-----
$5419 2C 3D 95 BIT $953D
$541C 15 15 ORA $15,X

```

```

$541E 55 55  EOR $55,X
$5420 55 54  EOR $54,X
$5422 50 70  BVC L_BRS_($5494)_($5422) JAM
$5424 71 7A  ADC ($7A),Y
$5426      .byte $5A,$47
$5428 55 55  EOR $55,X
$542A 11 10  ORA ($10),Y
//-----
L_BRS_($542C)_($543A) JAM
L_BRS_($5430)_($5482) JAM
//-----
$542C      .byte $0F,$4F,$9F,$BF,$43,$63,$5B
$5433 46 70  LSR $70
$5435 55 55  EOR $55,X
$5437 55 FD  EOR $FD,X
$5439      .byte $DC
$543A B0 F0  BCS L_BRS_($542C)_($543A) JAM
$543C CC 3D 75  CPY $753D
$543F 55 55  EOR $55,X
$5441      .byte $54
$5442 50 64  BVC L_BRS_($54A8)_($5442) BAD
$5444 69 6A  ADC #$6A
$5446 6A    ROR A
$5447 7E 55 55  ROR $5555,X
$544A 11 C0  ORA ($C0),Y
//-----
L_BRS_($544D)_($545A) BAD
//-----
$544C 30 CC  BMI L_BRS_($541A)_($544C) BAD

```

```

//-----
L_JSR_($544F)_($9B80) JAM
L_JSR_($544F)_($9B9E) JAM
//-----
$544E      .byte $FF,$7F,$5F,$4F
//-----
L_BRS_($5454)_($5402) BAD
L_JSR_($5453)_($9B99) BAD
//-----
$5452 4E 5B 77 LSR $775B
$5455 51 55  EOR ($55),Y
$5457 55 7D  EOR $7D,X
$5459      .byte $74
$545A D0 F1  BNE L_BRS_($544D)_($545A) BAD
$545C C1 31  CMP ($31,X)
$545E F5 55  SBC $55,X
$5460 55 54  EOR $54,X
$5462 50 A3  BVC L_BRS_($5407)_($5462) JAM
$5464 A0 EB  LDY #$EB
$5466      .byte $EB
$5467 FE 55 55 INC $5555,X
$546A 11 00  ORA ($00),Y
//-----
L_BRS_($546C)_($5479) OK
//-----
$546C C0 10  CPY #$10
//-----
L_BRS_($546E)_($5412) OK
L_BRS_($546E)_($54CC) OK

```



```

//-----
$546E F0 3C  BEQ L_BRS_($54AC)_($546E) BAD
$5470 E9 B7  SBC #$B7
$5472      .byte $67
$5473 3D C7 5F  AND $5FC7,X
$5476      .byte $57,$57,$DC
$5479 F0 F1  BEQ L_BRS_($546C)_($5479) OK
$547B F1 51  SBC ($51),Y
$547D C5 D5  CMP $D5
$547F 55 55  EOR $55,X
$5481      .byte $54
$5482 50 AC  BVC L_BRS_($5430)_($5482) JAM
$5484      .byte $A3
$5485 EC EF EB  CPX $EBEF
$5488 55 55  EOR $55,X
$548A 11 C0  ORA ($C0),Y
$548C 24 E8  BIT $E8
$548E E8    INX
$548F AC BA FC  LDY $FCBA
//-----
L_BRS_($5494)_($5422) JAM
//-----
$5492      .byte $FC,$FF,$33,$4F,$5F
$5497 55 BC  EOR $BC,X
$5499      .byte $3C,$3C
$549B 2C 3C 3D  BIT $3D3C
$549E 55 55  EOR $55,X
$54A0 55 54  EOR $54,X
$54A2 50 53  BVC L_BRS_($54F7)_($54A2) OK

```

```
$54A4      .byte $5C,$53,$5F
//-----
L_BRS_($54A8)_($5442) BAD
//-----
$54A7 F6 55   INC $55,X
$54A9 55 01   EOR $01,X
//-----
L_BRS_($54AC)_($546E) BAD
//-----
$54AB 10 24   BPL L_BRS_($54D1)_($54AB) JAM
$54AD A8      TAY
$54AE      .byte $B8,$F8,$F3,$F3,$F3
$54B3 05 7C   ORA $7C
$54B5 55 55   EOR $55,X
$54B7 55 B0   EOR $B0,X
//-----
L_BRS_($54B9)_($54BB) OK
//-----
$54B9 C0 54   CPY #$54
$54BB 70 FC   BVS L_BRS_($54B9)_($54BB) OK
$54BD 7D 75 55 ADC $5575,X
$54C0 55 54   EOR $54,X
$54C2 50 5C   BVC L_BRS_($5520)_($54C2) JAM
$54C4 70 4E   BVS L_BRS_($5514)_($54C4) JAM
$54C6 5E FA 55 LSR $55FA,X
$54C9 55 11   EOR $11,X
$54CB      .byte $00
$54CC 90 A0   BCC L_BRS_($546E)_($54CC) OK
$54CE A0 F0   LDY #$F0
```

```

//-----
L_BRS_($54D1)_($54AB) JAM
//-----
$54D0      .byte $F7,$F3
$54D2 0E 5F 7C ASL $7C5F
$54D5 55 55  EOR $55,X
$54D7 55 E0  EOR $E0,X
//-----
L_BRS_($54DA)_($54DC) BAD
//-----
$54D9 C0 C0  CPY #C0
$54DB 60     RTS
//-----
$54DC F0 FC  BEQ L_BRS_($54DA)_($54DC) BAD
$54DE 7D 55 55 ADC $5555,X
$54E1      .byte $54
$54E2 50 50  BVC L_BRS_($5534)_($54E2) BAD
$54E4 51 5A  EOR ($5A),Y
$54E6      .byte $5A,$5F
$54E8 55 55  EOR $55,X
$54EA 01 10  ORA ($10,X)
$54EC 24 AC  BIT $AC
$54EE AC 80 7F LDY $7F80
$54F1 ED FD 74 SBC $74FD
$54F4 5D 55 55 EOR $5555,X
//-----
L_BRS_($54F7)_($54A2) OK
//-----
$54F7 55 00  EOR $00,X

```

```

//-----
L_BRS_($54FA)_($54FC) BAD
L_BRS_($54FB)_($5509) BAD
//-----
$54F9 20 90 00 JSR $0090
$54FC 30 FC BMI L_BRS_($54FA)_($54FC) BAD
//-----
L_BRS_($54FF)_($553C) BAD
//-----
$54FE 7D 55 55 ADC $5555,X
$5501 5D 5F 7F EOR $7F5F,X
$5504 .byte $7F,$FF,$FF,$F7,$14
$5509 30 F0 BMI L_BRS_($54FB)_($5509) BAD
$550B .byte $FC,$F4,$F4,$DF,$5F,$F7,$D7,$F7
//-----
L_BRS_($5514)_($54C4) JAM
//-----
$5513 .byte $CF,$5F,$57,$57
$5517 55 FF EOR $FF,X
$5519 .byte $FF,$FF,$7F,$73,$C7
$551E D5 55 CMP $55,X
//-----
L_BRS_($5520)_($54C2) JAM
//-----
$5520 .byte $5F,$7F,$77,$F7
$5524 FD CF 5F SBC $5FCF,X
$5527 .byte $5F
$5528 55 55 EOR $55,X
$552A .byte $74,$FF,$FF,$F7

```

```

$552E FD FF 5F SBC $5FFF,X
$5531      .byte $7F
//-----
L_BRS_($5534)_($54E2) BAD
//-----
$5532 7D 7C 53 ADC $537C,X
$5535      .byte $57,$57
$5537 55 7F  EOR $7F,X
$5539      .byte $77,$F4,$DC
$553C F0 C1  BEQ L_BRS_($54FF)_($553C) BAD
$553E 05 55  ORA $55
$5540 55 54  EOR $54,X
$5542      .byte $5F,$7F
$5544 F5 7F  SBC $7F,X
//-----
L_JSR_($5548)_($9B7B) BAD
//-----
$5546 FD FD 55 SBC $55FD,X
$5549 01 C5  ORA ($C5,X)
$554B C1 F0  CMP ($F0,X)
$554D      .byte $F4,$FC,$FF
$5550 F5 FF  SBC $FF,X
$5552      .byte $FF,$FF,$C3
$5555 50 54  BVC L_BRS_($55AB)_($5555) BAD
$5557 55 EF  EOR $EF,X
$5559      .byte $FF,$F4,$7F,$DC
$555D C1 01  CMP ($01,X)
$555F 55 55  EOR $55,X
$5561 55 55  EOR $55,X

```

```
$5563      .byte $54
$5564 7D 7D 7F  ADC $7F7D,X
$5567      .byte $FF
$5568 55 50   EOR $50,X
$556A      .byte $FC,$FF,$FF,$FF,$74,$FC,$DF,$F7
$5572      .byte $F7,$FF,$F3
$5575 F1 70   SBC ($70),Y
$5577 71 F8   ADC ($F8),Y
$5579 BC FC 40 LDY $40FC,X
$557C      .byte $DC,$FC
$557E F1 55   SBC ($55),Y
$5580 55 71   EOR $71,X
$5582      .byte $F3,$F7,$F7,$F7,$C7
$5587 FD 5C 5C SBC $5C5C,X
$558A      .byte $FF,$7F,$7F,$73
$558E 70 7C   BVS L_BRS_($560C)_($558E) BAD
$5590      .byte $7F,$7B,$7F,$7C,$7C,$5F,$57
$5597 55 FC   EOR $FC,X
$5599 EC FC 3C CPX $3CFC
$559C      .byte $3C
$559D F1 C5   SBC ($C5),Y
$559F 55 55   EOR $55,X
$55A1 55 55   EOR $55,X
$55A3      .byte $54,$7F
$55A5 F5 DD   SBC $DD,X
$55A7      .byte $FF
$55A8 55 55   EOR $55,X
//-----
L_BRS_($55AB)_($5555) BAD
```

```
//-----  
$55AA 55 01  EOR $01,X  
$55AC      .byte $74,$7F,$F7,$DF,$EF  
$55B1 FE DF F1 INC $F1DF,X  
$55B4      .byte $77,$7F,$5F  
$55B7 55 DF  EOR $DF,X  
$55B9      .byte $FF,$DF,$DF  
$55BC CC C1 15 CPY $15C1  
$55BF 55 55  EOR $55,X  
$55C1 55 55  EOR $55,X  
$55C3      .byte $54,$5C,$5F,$7F,$FF  
$55C8 55 55  EOR $55,X  
$55CA 55 40  EOR $40,X  
$55CC      .byte $FF,$F4  
$55CE 55 7F  EOR $7F,X  
$55D0      .byte $FB,$FF,$1F  
$55D3 FD 75 50 SBC $5075,X  
$55D6 55 55  EOR $55,X  
$55D8      .byte $F7  
$55D9 FD 5F 57 SBC $575F,X  
$55DC      .byte $03,$00  
$55DE 55 55  EOR $55,X  
$55E0 55 55  EOR $55,X  
$55E2      .byte $5C,$7F,$FF,$DF,$F7  
$55E7 FD 55 C5 SBC $C555,X  
$55EA F1 7C  SBC ($7C),Y  
$55EC      .byte $5C,$5F,$D7,$F3  
$55F0 FD 7F 5F SBC $5F7F,X  
$55F3      .byte $5F,$57
```

```
$55F5 55 55  EOR $55,X
$55F7 55 F0  EOR $F0,X
//-----
L_BRS_($55FA)_($5638) JAM
//-----
$55F9      .byte $74,$7C,$DC
//-----
L_BRS_($55FC)_($564A) OK
//-----
$55FC C1 C5  CMP ($C5,X)
$55FE 55 55  EOR $55,X
$5600 56 5A  LSR $5A,X
$5602      .byte $5A,$5A,$5A,$5A
$5606 7E 7E 96 ROR $967E,X
$5609 AA    TAX
//-----
L_BRS_($560A)_($5618) OK
//-----
$560A A8    TAY
//-----
L_BRS_($560C)_($558E) BAD
//-----
$560B AC AC AC LDY $ACAC
//-----
L_BRS_($560E)_($566C) OK
//-----
$560E BC BC 72 LDY $72BC,X
$5611      .byte $73,$73,$AF,$9F,$5F
$5616 55 55  EOR $55,X
```



```

$5618 F0 F0  BEQ L_BRS_($560A)_($5618) OK
$561A F1 F1  SBC ($F1),Y
$561C F1 F1  SBC ($F1),Y
//-----
L_BRS_($561E)_($565C) OK
//-----
$561E F1 55  SBC ($55),Y
//-----
L_JSR_($5620)_($834C) OK
//-----
$5620 56 5A  LSR $5A,X
$5622      .byte $5A,$5A,$5A,$7A,$7A,$FA
$5628 95 A1  STA $A1,X
$562A A0 A0  LDY #A0
//-----
L_BRS_($562C)_($563A) OK
//-----
$562C A2 BE  LDX #BE
//-----
L_BRS_($562E)_($564C) JAM
L_BRS_($562F)_($563C) JAM
//-----
$562E      .byte $FF,$FC,$FB,$DF,$9F,$9F,$5F,$57
$5636 55 55  EOR $55,X
$5638 F0 C0  BEQ L_BRS_($55FA)_($5638) JAM
$563A F0 F0  BEQ L_BRS_($562C)_($563A) OK
$563C F0 F1  BEQ L_BRS_($562F)_($563C) JAM
$563E C5 55  CMP $55
$5640 56 5A  LSR $5A,X

```

```

//-----
L_JMP_($5645)_($98DD) JAM
//-----
$5642      .byte $5A,$5A,$5A,$5A,$7B,$7B
$5648 95 A1  STA $A1,X
$564A B0 B0  BCS L_BRS_($55FC)_($564A) OK
//-----
L_BRS_($564C)_($564E) OK
L_BRS_($564C)_($565A) OK
//-----
$564C B0 E0  BCS L_BRS_($562E)_($564C) JAM
$564E F0 FC  BEQ L_BRS_($564C)_($564E) OK
$5650      .byte $7F,$6F,$5F,$5F,$5F,$7F,$7F
$5657 55 CE  EOR $CE,X
$5659      .byte $F2
$565A F0 F0  BEQ L_BRS_($564C)_($565A) OK
$565C F0 C0  BEQ L_BRS_($561E)_($565C) OK
$565E C1 55  CMP ($55,X)
$5660 56 5A  LSR $5A,X
$5662      .byte $5A,$5A,$5A,$5B,$5F,$5F
$5668 95 A1  STA $A1,X
$566A E0 F0  CPX #F0
$566C F0 A0  BEQ L_BRS_($560E)_($566C) OK
$566E A0 E0  LDY #E0
$5670      .byte $5F,$5C,$5C,$7F,$7F,$7F,$7C
//-----
L_BRS_($5677)_($5679) OK
//-----
$5677 55 F0  EOR $F0,X

```

```

$5679 F0 FC  BEQ L_BRS_($5677)_($5679) OK
$567B 38     SEC
$567C 28     PLP
$567D 39 55 55 AND $5555,Y
$5680 56 5A  LSR $5A,X
$5682      .byte $5B,$5B,$5B
$5685 5E 7E 7E LSR $7E7E,X
$5688 95 A1  STA $A1,X
//-----
L_BRS_($568B)_($5699) BAD
//-----
$568A AE EE EC LDX $ECEE
//-----
L_BRS_($568D)_($569B) OK
//-----
$568D BC BC BC LDY $BCBC,X
$5690 7E 6F 6F ROR $6F6F,X
$5693      .byte $6F,$6F,$6F
$5696 A9 95  LDA #$95
$5698      .byte $FC
$5699 F0 F0  BEQ L_BRS_($568B)_($5699) BAD
$569B F0 F0  BEQ L_BRS_($568D)_($569B) OK
$569D F0 71  BEQ L_BRS_($5710)_($569D) JAM
$569F 45 56  EOR $56
$56A1      .byte $5A
$56A2 5E 5F 5F LSR $5F5F,X
$56A5      .byte $5A,$5A,$5A
$56A8 95 A1  STA $A1,X
//-----

```

```

L_BRS_($56AA)_($56B8) OK
//-----
$56AA A0 A0 LDY #A0
//-----
L_BRS_($56AC)_($56BA) OK
//-----
$56AC BC FC F8 LDY $F8FC,X
$56AF C8 INY
$56B0 .byte $7B,$BF,$A7,$5F,$5F,$5F,$5F,$5F
$56B8 F0 F0 BEQ L_BRS_($56AA)_($56B8) OK
//-----
L_BRS_($56BA)_($56D8) OK
//-----
$56BA F0 F0 BEQ L_BRS_($56AC)_($56BA) OK
$56BC C0 C1 CPY #C1
$56BE 05 15 ORA $15
$56C0 56 5A LSR $5A,X
$56C2 .byte $5A
$56C3 5E 5E BB LSR $BB5E,X
$56C6 .byte $BB,$5B
$56C8 95 A1 STA $A1,X
$56CA A0 A0 LDY #A0
$56CC A0 A0 LDY #A0
$56CE E0 F0 CPX #F0
//-----
L_BRS_($56D2)_($5704) JAM
//-----
$56D0 .byte $5F,$5F,$5F,$5F,$7F,$7F,$7F,$5C
$56D8 30 E0 BMI L_BRS_($56BA)_($56D8) OK

```

```

$56DA EC FC C0 CPX $C0FC
$56DD C1 05  CMP ($05,X)
$56DF 55 56  EOR $56,X
$56E1      .byte $5A,$5A,$5A,$5A
$56E5 5E 5F 5F LSR $5F5F,X
//-----
L_BRS_($56E8)_($5726) OK
//-----
$56E8 95 A1  STA $A1,X
$56EA A0 A0  LDY #$A0
$56EC A0 A0  LDY #$A0
$56EE A0 E0  LDY #$E0
$56F0      .byte $53,$5F,$5F
$56F3 7E 7F 7F ROR $7F7F,X
$56F6      .byte $5C
$56F7 55 C0  EOR $C0,X
$56F9 C0 B0  CPY #$B0
$56FB BC FC 01 LDY $01FC,X
$56FE 05 55  ORA $55
$5700      .byte $57,$5C
$5702 70 70  BVS L_BRS_($5774)_($5702) JAM
$5704 70 CC  BVS L_BRS_($56D2)_($5704) JAM
$5706      .byte $C3,$00,$57,$DF
$570A 30 33  BMI L_BRS_($573F)_($570A) OK
//-----
L_BRS_($5710)_($569D) JAM
//-----
$570C      .byte $33,$C3,$03,$0C,$0C,$F3
$5712 70 70  BVS L_BRS_($5784)_($5712) JAM

```

```
$5714 70 73 BVS L_BRS_($5789)_($5714) OK
$5716 5D 55 FC EOR $FC55,X
//-----
L_BRS_($5719)_($578B) OK
//-----
$5719 30 31 BMI L_BRS_($574C)_($5719) OK
$571B 35 D5 AND $D5,X
$571D 55 55 EOR $55,X
//-----
L_JSR_($5720)_($835D) BAD
//-----
$571F 55 5D EOR $5D,X
$5721 .byte $73
$5722 C0 C0 CPY #$C0
$5724 C0 CF CPY #$CF
$5726 70 C0 BVS L_BRS_($56E8)_($5726) OK
$5728 55 45 EOR $45,X
$572A C1 CF CMP ($CF,X)
$572C .byte $F3
$572D C1 0C CMP ($0C,X)
$572F 30 70 BMI L_BRS_($57A1)_($572F) BAD
$5731 .byte $CF
$5732 C0 C0 CPY #$C0
$5734 C0 7C CPY #$7C
$5736 .byte $57
$5737 55 C1 EOR $C1,X
$5739 C1 C1 CMP ($C1,X)
$573B 31 35 AND ($35),Y
$573D D5 55 CMP $55,X
```

```

//-----
L_BRS_($573F)_($570A) OK
//-----
$573F 55 5D  EOR $5D,X
$5741      .byte $73
$5742 C0 C3  CPY #C3
$5744      .byte $73,$CF
$5746 C0 C0  CPY #C0
$5748 55 45  EOR $45,X
$574A 41 01  EOR ($01,X)
//-----
L_BRS_($574C)_($5719) OK
//-----
$574C 01 01  ORA ($01,X)
//-----
L_JMP_($5750)_($4876) JAM
L_JMP_($5750)_($5076) JAM
L_JMP_($5750)_($5876) JAM
//-----
$574E      .byte $FF,$03,$CF,$73
$5752 CC C0 C0  CPY $C0C0
$5755 70 5C  BVS L_BRS_($57B3)_($5755) OK
$5757      .byte $57,$FC,$00
$575A C1 C1  CMP ($C1,X)
$575C 31 35  AND ($35),Y
$575E F5 55  SBC $55,X
//-----
L_BRS_($5760)_($576E) JAM
//-----

```

```

$5760      .byte $57,$5C
$5762 70 70  BVS L_BRS_($57D4)_($5762) JAM
$5764      .byte $72,$5F
$5766 70 70  BVS L_BRS_($57D8)_($5766) JAM
$5768 55 D1  EOR $D1,X
//-----
L_BRS_($576B)_($57A6) JAM
//-----
$576A      .byte $00,$80
$576C C0 F0  CPY #F0
$576E 30 F0  BMI L_BRS_($5760)_($576E) JAM
$5770      .byte $7C,$7F
$5772 70 70  BVS L_BRS_($57E4)_($5772) JAM
//-----
L_BRS_($5774)_($5702) JAM
//-----
$5774      .byte $5C,$5C,$57
$5777 55 30  EOR $30,X
$5779      .byte $0C
$577A CC 31 31 CPY $3131
$577D 35 D5  AND $D5,X
$577F 55 57  EOR $57,X
$5781      .byte $5C
$5782 70 70  BVS L_BRS_($57F4)_($5782) JAM
//-----
L_BRS_($5784)_($5712) JAM
//-----
$5784      .byte $4B,$7F,$C3
$5787 C0 55  CPY #55

```



```

//-----
L_BRS_($5789)_($5714) OK
//-----
$5789 D1 30  CMP ($30),Y
$578B 30 8C  BMI L_BRS_($5719)_($578B) OK
$578D      .byte $C3,$03,$33,$0C,$03
$5792 30 30  BMI L_BRS_($57C4)_($5792) BAD
$5794 30 33  BMI L_BRS_($57C9)_($5794) BAD
$5796 FD D5 F3 SBC $F3D5,X
$5799      .byte $33,$33
$579B 3D D5 55 AND $55D5,X
$579E 55 55  EOR $55,X
//-----
L_BRS_($57A1)_($572F) BAD
//-----
$57A0 55 57  EOR $57,X
$57A2      .byte $54
$57A3 56 57  LSR $57,X
$57A5      .byte $5F
$57A6 70 C3  BVS L_BRS_($576B)_($57A6) JAM
$57A8 D5 34  CMP $34,X
$57AA      .byte $0C,$0C
$57AC 8C F0 0C STY $0CF0
$57AF      .byte $03,$CF,$FC,$5C
//-----
L_BRS_($57B3)_($5755) OK
//-----
$57B3 70 70  BVS L_BRS_($5825)_($57B3) BAD
$57B5      .byte $5F

```

```
$57B6 55 55  EOR $55,X
$57B8      .byte $33,$F3,$33,$33
$57BC 0D F5 55  ORA $55F5
$57BF 55 55  EOR $55,X
$57C1 55 55  EOR $55,X
//-----
L_BRS_($57C4)_($5792) BAD
//-----
$57C3 55 FF  EOR $FF,X
//-----
L_BRS_($57C6)_($57F8) BAD
//-----
$57C5 C0 CF  CPY #$CF
$57C7      .byte $77
//-----
L_BRS_($57C9)_($5794) BAD
//-----
$57C8 75 CD  ADC $CD,X
$57CA      .byte $03,$C3
$57CC CC F3 03  CPY $03F3
$57CF      .byte $33,$57
$57D1 55 57  EOR $57,X
//-----
L_BRS_($57D4)_($5762) JAM
//-----
$57D3      .byte $57,$5C,$5F
$57D6 55 55  EOR $55,X
//-----
L_BRS_($57D8)_($5766) JAM
```

```

//-----
$57D8      .byte $33,$F3,$33,$33,$0F,$03,$F3
$57DF 5D 55 57 EOR $5755,X
//-----
L_BRS_($57E4)_($5772) JAM
//-----
$57E2      .byte $5C,$5C,$5C,$57,$5C,$5C
$57E8 D5 30  CMP $30,X
$57EA      .byte $0C,$0C,$0C
$57ED CC 30 0C CPY $0C30
//-----
L_BRS_($57F4)_($5782) JAM
//-----
$57F0      .byte $5C,$5C,$7C,$73,$5C,$57
$57F6 55 55  EOR $55,X
$57F8 F0 CC  BEQ L_BRS_($57C6)_($57F8) BAD
$57FA CC 0C 03 CPY $030C
$57FD      .byte $03
$57FE CD F5 55 CMP $55F5
$5801 55 55  EOR $55,X
$5803 55 55  EOR $55,X
$5805 55 55  EOR $55,X
$5807 55 FF  EOR $FF,X
$5809 FE FE FF INC $FFFE,X
$580C FE FE FE INC $FEFE,X
$580F      .byte $FF,$FF
$5811 BA    TSX
$5812 EE AB EE INC $EEAB
$5815 BA    TSX

```

```
$5816 EE AB FF INC $FFAB
$5819     .byte $BB,$EF
$581B A8   TAY
$581C     .byte $EF,$BB,$EF
$581F A8   TAY
$5820 FE FE FE INC $FEFE,X
$5823     .byte $FF
//-----
L_BRS_($5825)_($57B3) BAD
//-----
$5824 FE FE FE INC $FEFE,X
$5827     .byte $FF
$5828 EE BB EF INC $EFBB
$582B A8   TAY
$582C     .byte $EF,$BB,$EF
$582F A8   TAY
$5830 EE FE FE INC $FEFE
$5833     .byte $FF
$5834 FE FE FE INC $FEFE,X
$5837     .byte $FF,$EF,$BB,$EF
$583B A8   TAY
$583C     .byte $EF,$BB,$EF
$583F A8   TAY
$5840     .byte $EF
$5841 BA   TSX
$5842 EE AB EE INC $EEAB
$5845 BA   TSX
$5846 EE AB FE INC $FEAB
$5849 BA   TSX
```

```
$584A EE AB EE INC $EEAB
//-----
L_BRS_($584D)_($58BF) OK
//-----
$584D BA    TSX
$584E EE AB FE INC $FEAB
$5851      .byte $FF,$F3,$FC,$F3,$CF,$33,$FC
$5858 EE CF 33 INC $33CF
$585B      .byte $FC,$33,$CF,$33,$FC,$EF,$CF,$33
$5863      .byte $FC,$33,$CF,$33,$FC
$5868 55 55  EOR $55,X
$586A 55 40  EOR $40,X
$586C      .byte $BF
$586D CC CC DD CPY $DDCC
$5870 55 51  EOR $51,X
$5872      .byte $5C,$33,$F3,$73
$5876 4C 50 57 JMP L_JMP_($5750)_($5876) JAM
$5879      .byte $5F,$6F,$73,$74
$587D 56 57  LSR $57,X
$587F 55 CC  EOR $CC,X
$5881      .byte $3C
$5882 30 70  BMI L_BRS_($58F4)_($5882) OK
$5884 C1 C5  CMP ($C5,X)
$5886 15 55  ORA $55,X
$5888      .byte $EB
$5889 AA    TAX
$588A 88    DEY
$588B A2 FB  LDX #$FB
$588D      .byte $6B,$7C,$42
```

\$5890 41 68 EOR (\$68,X)
\$5892 DE 6D 9A DEC \$9A6D,X
\$5895 E5 6A SBC \$6A
\$5897 .byte \$F7,\$2F,\$AB,\$8B
\$589B AA TAX
\$589C .byte \$E3,\$EB
\$589E BC E6 BB LDY \$BBE6,X
\$58A1 B5 E1 LDA \$E1,X
\$58A3 2C 3A 3A BIT \$3A3A
\$58A6 B9 D9 40 LDA \$40D9,Y
\$58A9 .byte \$BF,\$BF,\$EF
\$58AC C0 8A CPY #\$8A
\$58AE AA TAX
\$58AF FE 00 F8 INC \$F800,X
\$58B2 .byte \$F8
\$58B3 EC 30 C8 CPX \$C830
\$58B6 A8 TAY
\$58B7 CC FA FA CPY \$FAFA
\$58BA .byte \$FA,\$FF,\$EF,\$BF,\$BF
\$58BF 70 8C BVS L_BRS_(\$584D)_(\$58BF) OK
\$58C1 8C BC FC STY \$FCBC
\$58C4 EC F8 F8 CPX \$F8F8
\$58C7 .byte \$03
\$58C8 55 50 EOR \$50,X
\$58CA .byte \$7F,\$FF
\$58CC FE 40 71 INC \$7140,X
\$58CF 76 55 ROR \$55,X
\$58D1 01 F0 ORA (\$F0,X)
\$58D3 .byte \$FC

```

$58D4 FD 01 B1 SBC $B101,X
$58D7 71 71 ADC ($71),Y
$58D9 71 72 ADC ($72),Y
$58DB .byte $7F,$7F
$58DD 65 59 ADC $59
$58DF 55 B1 EOR $B1,X
$58E1 71 31 ADC ($31),Y
$58E3 F1 F5 SBC ($F5),Y
$58E5 95 59 STA $59,X
$58E7 55 00 EOR $00,X
$58E9 .byte $77
$58EA 25 25 AND $25
$58EC 25 25 AND $25
$58EE .byte $27,$00,$00,$0C,$1C,$3C
//-----
L_BRS_($58F4)_($5882) OK
//-----
$58F4 6C 7E 0C JMP ($0C7E)
$58F7 .byte $00,$00,$3C
$58FA 66 3C ROR $3C
$58FC 66 66 ROR $66
$58FE .byte $3C,$00,$00,$74,$42
$5903 61 42 ADC ($42,X)
$5905 .byte $44,$74,$00,$00,$57,$92,$12,$92
$590D .byte $52,$52,$00
//-----
L_BRS_($5910)_($591E) OK
//-----
$5910 55 56 EOR $56,X

```

```
$5912      .byte $57,$7F,$77,$7F,$7B,$7B
$5918 55 55  EOR $55,X
$591A 55 51  EOR $51,X
$591C 51 C1  EOR ($C1),Y
$591E F0 F0  BEQ L_BRS_($5910)_($591E) OK
$5920      .byte $73,$7C,$73,$7F,$7F,$7F,$5F
$5927 55 30  EOR $30,X
$5929 F1 31  SBC ($31),Y
$592B F1 F5  SBC ($F5),Y
$592D F5 D5  SBC $D5,X
$592F 55 55  EOR $55,X
$5931 51 4C  EOR ($4C),Y
$5933      .byte $3C,$3F,$4F,$5F,$5F
$5938 55 55  EOR $55,X
$593A 55 15  EOR $15,X
$593C 05 C1  ORA $C1
$593E E0 E6  CPX #$E6
$5940      .byte $5F,$5F,$57,$57
$5944 91 64  STA ($64),Y
$5946 59 56 AA EOR $AA56,Y
$5949 A6 A6  LDX $A6
$594B 96 53  STX $53,Y
$594D      .byte $07,$17,$17,$5B
$5951 5D 5F 5F EOR $5F5F,X
$5954      .byte $5F,$5F,$7F,$6F
$5958 55 55  EOR $55,X
//-----
L_BRS_($595A)_($5968) OK
//-----
```



```
$595A 55 55  EOR $55,X
//-----
L_BRS_($595C)_($595F) OK
L_BRS_($595C)_($596A) OK
//-----
$595C 55 55  EOR $55,X
$595E      .byte $D4
//-----
L_BRS_($595F)_($596C) OK
//-----
$595F F0 FB  BEQ L_BRS_($595C)_($595F) OK
$5961      .byte $FF,$FF,$FF,$FF,$FF,$7F,$5F
$5968 F0 F0  BEQ L_BRS_($595A)_($5968) OK
$596A F0 F0  BEQ L_BRS_($595C)_($596A) OK
$596C F0 F1  BEQ L_BRS_($595F)_($596C) OK
$596E C5 55  CMP $55
$5970 7E 79 79 ROR $7979,X
$5973 79 7E 5F ADC $5F7E,Y
$5976      .byte $57
$5977 55 BC  EOR $BC,X
$5979 6C 6C 6C JMP ($6C6C)
$597C BC F1 D5 LDY $D5F1,X
$597F 55 55  EOR $55,X
$5981 55 57  EOR $57,X
$5983      .byte $57,$5C,$5C,$5C,$5C
$5988 55 55  EOR $55,X
$598A C5 31  CMP $31
$598C 5D 5C 57 EOR $575C,X
$598F      .byte $57,$5C,$FB
```

\$5992 AA TAX
\$5993 .byte \$8B,\$A3,\$8B
\$5996 ED 55 47 SBC \$4755
\$5999 5D F1 15 EOR \$15F1,X
\$599C 15 55 ORA \$55,X
\$599E 55 55 EOR \$55,X
\$59A0 7E BE BE ROR \$BEBE,X
\$59A3 EE EE FA INC \$FAEE
\$59A6 FE AA F5 INC \$F5AA,X
\$59A9 F9 F9 ED SBC \$EDF9,Y
\$59AC ED BD FD SBC \$FDBD
\$59AF A9 AA LDA #\$AA
\$59B1 FE FA EE INC \$EEFA,X
\$59B4 EE BE BE INC \$BEBE
\$59B7 7E A9 FD ROR \$FDA9,X
\$59BA BD ED ED LDA \$EDED,X
\$59BD F9 F9 F5 SBC \$F5F9,Y
\$59C0 55 55 EOR \$55,X
\$59C2 55 55 EOR \$55,X
\$59C4 55 55 EOR \$55,X
\$59C6 55 5D EOR \$5D,X
\$59C8 55 55 EOR \$55,X
\$59CA 55 55 EOR \$55,X
\$59CC 55 55 EOR \$55,X
\$59CE D5 55 CMP \$55,X
\$59D0 55 57 EOR \$57,X
\$59D2 55 55 EOR \$55,X
\$59D4 55 55 EOR \$55,X
\$59D6 55 55 EOR \$55,X

\$59D8 75 55 ADC \$55,X
\$59DA 55 55 EOR \$55,X
\$59DC 55 55 EOR \$55,X
\$59DE 55 55 EOR \$55,X
\$59E0 55 55 EOR \$55,X
\$59E2 55 00 EOR \$00,X
\$59E4 .byte \$EF,\$EF
\$59E6 EA NOP
\$59E7 .byte \$EF
\$59E8 55 55 EOR \$55,X
\$59EA 55 00 EOR \$00,X
\$59EC .byte \$FF,\$FF
\$59EE AA TAX
\$59EF .byte \$FF,\$BF,\$BF,\$BF
\$59F3 55 55 EOR \$55,X
\$59F5 55 55 EOR \$55,X
\$59F7 55 FF EOR \$FF,X
\$59F9 .byte \$FF,\$FF
\$59FB 55 55 EOR \$55,X
\$59FD 55 55 EOR \$55,X
\$59FF 55 7F EOR \$7F,X
\$5A01 .byte \$FF
\$5A02 FE FE FE INC \$FEFE,X
\$5A05 FE FE FE INC \$FEFE,X
\$5A08 FD EF AB SBC \$ABEF,X
\$5A0B .byte \$AB,\$EB,\$AF,\$AB,\$AB,\$FF,\$FF,\$FF
\$5A13 .byte \$FF,\$FF,\$FF,\$FF,\$7F,\$AF,\$FF,\$FF
\$5A1B .byte \$FF,\$FF,\$FF,\$FF
\$5A1F FD 7F FF SBC \$FF7F,X

```
$5A22 FE FE FE INC $FEFE,X
$5A25 7E FF FE ROR $FEFF,X
$5A28 FD AF EF SBC $EFAF,X
$5A2B      .byte $AB,$BB,$AF,$AB,$AF,$FF,$FF,$FF
$5A33      .byte $7F,$FF,$F7,$DF,$77,$BF,$FF,$FF
$5A3B      .byte $FF,$FF
$5A3D FD DF F5 SBC $F5DF,X
$5A40 7D FF FE ADC $FEFF,X
$5A43      .byte $7F,$7F,$FF,$7F,$FF
$5A48 FD BF AF SBC $AFBF,X
$5A4B      .byte $AF,$EF
$5A4D BD AF BB LDA $BBAF,X
$5A50      .byte $7F,$5F,$7F
$5A53 DD 7F F7 CMP $F77F,X
$5A56      .byte $DF,$77,$EF,$FF,$FF
$5A5B FD FD 5F SBC $5FFD,X
$5A5E      .byte $F7
$5A5F 55 B5  EOR $B5,X
$5A61 B5 B5  LDA $B5,X
$5A63 B5 B5  LDA $B5,X
$5A65 B5 A5  LDA $A5,X
$5A67 F5 5F  SBC $5F,X
$5A69      .byte $5F,$5F,$5F,$5F,$5F,$5F,$5F
$5A70 B5 B5  LDA $B5,X
$5A72 B5 B5  LDA $B5,X
$5A74 B5 B5  LDA $B5,X
$5A76 B5 B5  LDA $B5,X
$5A78      .byte $5F,$5F,$5F,$5F,$5F,$5F,$5F,$5A
```

```
//-----
```

```

L_BRS_($5A80)_($5A8E) OK
//-----
$5A80 55 56  EOR $56,X
$5A82      .byte $57,$5F,$77,$7F,$7F,$7F
//-----
L_BRS_($5A88)_($5ABC) OK
//-----
$5A88 55 55  EOR $55,X
$5A8A 55 51  EOR $51,X
$5A8C 51 C1  EOR ($C1),Y
$5A8E F0 F0  BEQ L_BRS_($5A80)_($5A8E) OK
$5A90 21 21  AND ($21,X)
$5A92 A1 AC  LDA ($AC,X)
$5A94 78     SEI
$5A95      .byte $5B
$5A96 5E 42 55 LSR $5542,X
$5A99 B4 BA  LDY $BA,X
$5A9B EA     NOP
$5A9C      .byte $63
$5A9D 68     PLA
$5A9E 7E 5A 55 ROR $555A,X
$5AA1      .byte $14,$C3
$5AA3 BE 33 B1 LDX $B133,Y
$5AA6 F1 CE  SBC ($CE),Y
$5AA8      .byte $7A
$5AA9 EC A7 BB CPX $BBA7
$5AAC DD 55 55 CMP $5555,X
$5AAF 55 F1  EOR $F1,X
$5AB1 21 EC  AND ($EC,X)

```

```
$5AB3 78 SEI
$5AB4 59 5D 55 EOR $555D,Y
$5AB7 55 40 EOR $40,X
$5AB9 .byte $BF,$BF,$EF
$5ABC F0 CA BEQ L_BRS_($5A88)_($5ABC) OK
$5ABE AA TAX
$5ABF F6 00 INC $00,X
$5AC1 .byte $F8,$F8
$5AC3 EC 3C C0 CPX $C03C
$5AC6 A8 TAY
$5AC7 4C 40 BF JMP $BF40
$5ACA .byte $BF,$EF,$F8
$5ACD FE FA F2 INC $F2FA,X
$5AD0 .byte $00,$F8,$F8
$5AD3 EC 3C CC CPX $CC3C
$5AD6 8C 0C 55 STY $550C
$5AD9 55 55 EOR $55,X
$5ADB 55 55 EOR $55,X
$5ADD 55 55 EOR $55,X
$5ADF 55 55 EOR $55,X
$5AE1 55 55 EOR $55,X
$5AE3 D5 E5 CMP $E5,X
$5AE5 D9 98 98 CMP $9898,Y
$5AE8 .byte $5B,$6F,$53,$5C,$5C
$5AED 55 55 EOR $55,X
$5AEF 55 E8 EOR $E8,X
$5AF1 C0 C1 CPY #$C1
$5AF3 C5 55 CMP $55
$5AF5 55 55 EOR $55,X
```

```
$5AF7 55 55  EOR $55,X
$5AF9 55 55  EOR $55,X
$5AFB      .byte $57,$57,$57
$5AFE 56 56  LSR $56,X
$5B00 51 60  EOR ($60),Y
$5B02 69 61  ADC #$61
$5B04      .byte $62,$62
$5B06 6A     ROR A
$5B07      .byte $7A
$5B08 55 54  EOR $54,X
$5B0A 58     CLI
$5B0B 28     PLP
$5B0C C8     INY
$5B0D 88     DEY
$5B0E 88     DEY
$5B0F A8     TAY
$5B10      .byte $5A
$5B11 5E 56 56 LSR $5656,X
$5B14 56 57  LSR $57,X
$5B16 55 55  EOR $55,X
$5B18 F5 C5  SBC $C5,X
$5B1A C5 C5  CMP $C5
$5B1C C5 C1  CMP $C1
$5B1E F5 D5  SBC $D5,X
//-----
L_JSR_($5B20)_($836E) JAM
//-----
$5B20      .byte $54
$5B21 56 5A  LSR $5A,X
```

\$5B23 59 68 6E EOR \$6E68,Y
\$5B26 6E 6A 55 ROR \$556A
\$5B29 15 55 ORA \$55,X
\$5B2B 55 04 EOR \$04,X
\$5B2D 86 86 STX \$86
\$5B2F 8E 7A 7A STX \$7A7A
\$5B32 .byte \$7A,\$7A,\$7A,\$6B,\$EB
\$5B37 ED EA A9 SBC \$A9EA
\$5B3A B5 D5 LDA \$D5,X
\$5B3C 15 15 ORA \$15,X
\$5B3E 15 55 ORA \$55,X
\$5B40 55 55 EOR \$55,X
\$5B42 55 55 EOR \$55,X
\$5B44 55 55 EOR \$55,X
\$5B46 56 56 LSR \$56,X
\$5B48 55 51 EOR \$51,X
\$5B4A 71 AC ADC (\$AC),Y
\$5B4C .byte \$BB
\$5B4D FE B1 B1 INC \$B1B1,X
\$5B50 56 4B LSR \$4B,X
\$5B52 EA NOP
\$5B53 AA TAX
\$5B54 AA TAX
\$5B55 .byte \$AB
\$5B56 FD 55 B1 SBC \$B155,X
\$5B59 B1 C5 LDA (\$C5),Y
\$5B5B C5 85 CMP \$85
\$5B5D .byte \$80
\$5B5E BD A9 55 LDA \$55A9,X

\$5B61 55 45 EOR \$45,X
\$5B63 C0 BC CPY #\$BC
\$5B65 .byte \$AF
\$5B66 EE 6A 55 INC \$556A
\$5B69 55 55 EOR \$55,X
\$5B6B 55 15 EOR \$15,X
\$5B6D 05 C1 ORA \$C1
\$5B6F B0 7A BCS L_BRS_(\$5BEB)_(\$5B6F) BAD
\$5B71 59 7A 6B EOR \$6B7A,Y
\$5B74 6D 61 61 ADC \$6161
\$5B77 75 6C ADC \$6C,X
\$5B79 .byte \$B8
\$5B7A C8 INY
\$5B7B 59 55 55 EOR \$5555,Y
\$5B7E 55 55 EOR \$55,X
\$5B80 55 55 EOR \$55,X
\$5B82 .byte \$57
\$5B83 56 56 LSR \$56,X
\$5B85 5E 5A 7A LSR \$7A5A,X
\$5B88 55 15 EOR \$15,X
\$5B8A 05 C5 ORA \$C5
\$5B8C C5 C1 CMP \$C1
\$5B8E B1 B0 LDA (\$B0),Y
\$5B90 6A ROR A
\$5B91 ED B6 B2 SBC \$B2B6
\$5B94 A5 85 LDA \$85
\$5B96 D5 55 CMP \$55,X
\$5B98 BC 68 88 LDY \$8868,X
\$5B9B D8 CLD

```
$5B9C 58    CLI
$5B9D 58    CLI
$5B9E 68    PLA
$5B9F 59 55 55 EOR $5555,Y
$5BA2 51 72  EOR ($72),Y
$5BA4 EA    NOP
$5BA5 AA    TAX
$5BA6 B6 89  LDX $89,Y
$5BA8 55 55  EOR $55,X
$5BAA 05 80  ORA $80
$5BAC      .byte $BF
$5BAD BC BC BD LDY $BDBC,X
$5BB0 9A    TXS
$5BB1 5E 56 55 LSR $5556,X
$5BB4      .byte $54,$5F
$5BB6 56 56  LSR $56,X
$5BB8 B1 B5  LDA ($B5),Y
//-----
L_BRS_($5BBA)_($5BFC) OK
//-----
$5BBA 85 85  STA $85
$5BBC 85 95  STA $95
$5BBE D5 55  CMP $55,X
$5BC0 55 41  EOR $41,X
$5BC2      .byte $7C,$AB,$FB,$5F
$5BC6 5E 5A 55 LSR $555A,X
$5BC9 55 55  EOR $55,X
$5BCB 15 15  ORA $15,X
$5BCD 05 C5  ORA $C5
```

```

$5BCF C5 5A  CMP $5A
$5BD1      .byte $5A,$5B
$5BD3 56 56  LSR $56,X
$5BD5      .byte $42,$FA
$5BD7 6A     ROR A
$5BD8 C1 F0  CMP ($F0,X)
$5BDA      .byte $FC,$FF,$FF
$5BDD EE D9 55 INC $55D9
$5BE0 55 55  EOR $55,X
$5BE2 55 55  EOR $55,X
$5BE4 51 61  EOR ($61),Y
$5BE6      .byte $62,$62
$5BE8 85 B1  STA $B1
//-----
L_BRS_($5BEB)_($5B6F) BAD
//-----
$5BEA E1 61  SBC ($61,X)
$5BEC 71 B1  ADC ($B1),Y
$5BEE B1 B1  LDA ($B1),Y
$5BF0 6E 7A 5A ROR $5A7A
$5BF3 56 56  LSR $56,X
$5BF5      .byte $57
$5BF6 55 55  EOR $55,X
$5BF8 B1 B1  LDA ($B1),Y
$5BFA F1 F1  SBC ($F1),Y
$5BFC F0 BC  BEQ L_BRS_($5BBA)_($5BFC) OK
$5BFE      .byte $BF
$5BFF FD 55 54 SBC $5455,X
$5C02 50 50  BVC L_BRS_($5C54)_($5C02) BAD

```

```

$5C04      .byte $64
$5C05 AA   TAX
$5C06      .byte $FA,$FA
$5C08 55 54  EOR $54,X
$5C0A      .byte $1F,$0F,$6B
//-----
L_BRS_($5C0E)_($5C12) BAD
//-----
$5C0D A9 AC  LDA #$AC
$5C0F AC FA F0 LDY $F0FA
$5C12 B0 FA  BCS L_BRS_($5C0E)_($5C12) BAD
$5C14      .byte $57,$57,$57
$5C17 55 BD  EOR $BD,X
$5C19 05 05  ORA $05
//-----
L_BRS_($5C1B)_($5C4A) OK
//-----
$5C1B 85 C5  STA $C5
$5C1D C5 D5  CMP $D5
$5C1F 55 55  EOR $55,X
$5C21      .byte $54
//-----
L_BRS_($5C23)_($5C91) BAD
//-----
$5C22 50 70  BVC L_BRS_($5C94)_($5C22) JAM
$5C24 E1 EA  SBC ($EA,X)
$5C26 EA    NOP
$5C27      .byte $8B
$5C28 51 50  EOR ($50),Y

```

```

$5C2A    .byte $1F,$0F,$0F
$5C2D 4D 9D FC EOR $FC9D
$5C30    .byte $C3
$5C31 60    RTS
//-----
$5C32    .byte $5A
$5C33 45 5F  EOR $5F
$5C35    .byte $7F
$5C36 7D 55 F4 ADC $F455,X
$5C39 EC FC 44 CPX $44FC
$5C3C 0D 15 55 ORA $5515
$5C3F 55 55  EOR $55,X
$5C41    .byte $54
$5C42 60    RTS
//-----
$5C43 A4 A9  LDY $A9
$5C45 EA    NOP
$5C46 EA    NOP
$5C47    .byte $9F
$5C48 55 55  EOR $55,X
$5C4A 10 CF  BPL L_BRS_($5C1B)_($5C4A) OK
//-----
L_BRS_($5C4C)_($5C59) JAM
//-----
$5C4C    .byte $3F,$CF,$FC,$7C,$FF,$4F
//-----
L_BRS_($5C54)_($5C02) BAD
//-----
$5C52 4E 57 7C LSR $7C57

```

```
$5C55 FD F5 55 SBC $55F5,X
$5C58      .byte $74
$5C59 F0 F1  BEQ L_BRS_($5C4C)_($5C59) JAM
$5C5B D1 71  CMP ($71),Y
$5C5D 55 55  EOR $55,X
$5C5F 55 55  EOR $55,X
$5C61      .byte $54
$5C62 50 63  BVC L_BRS_($5CC7)_($5C62) BAD
$5C64 60    RTS
//-----
$5C65      .byte $AB,$AB
$5C67 BE 55 55 LDX $5555,Y
$5C6A 11 00  ORA ($00),Y
//-----
L_BRS_($5C6C)_($5C6E) OK
//-----
$5C6C C0 00  CPY #$00
//-----
L_BRS_($5C6E)_($5CCC) OK
//-----
$5C6E F0 FC  BEQ L_BRS_($5C6C)_($5C6E) OK
$5C70      .byte $3B,$0F,$63,$7C,$FC
$5C75 F1 75  SBC ($75),Y
$5C77 55 FC  EOR $FC,X
$5C79      .byte $FC
$5C7A FD 31 F1 SBC $F131,X
$5C7D 55 55  EOR $55,X
$5C7F 55 55  EOR $55,X
$5C81      .byte $54
```

```

$5C82 50 5C  BVC L_BRS_($5CE0)_($5C82) OK
$5C84      .byte $63
$5C85 AC AF EB  LDY $EBAF
//-----
L_BRS_($5C89)_($5CBB) BAD
//-----
$5C88 55 55  EOR $55,X
$5C8A 01 E8  ORA ($E8,X)
$5C8C 28     PLP
$5C8D EC EC AC  CPX $ACEC
$5C90      .byte $FA
$5C91 F0 90  BEQ L_BRS_($5C23)_($5C91) BAD
//-----
L_BRS_($5C94)_($5C22) JAM
L_BRS_($5C94)_($5CC4) JAM
//-----
$5C93      .byte $FC,$FC
$5C95 FD FD 31  SBC $31FD,X
$5C98 9D 11 71  STA $7111,X
$5C9B F1 F1  SBC ($F1),Y
$5C9D F1 F5  SBC ($F5),Y
$5C9F 55 55  EOR $55,X
$5CA1      .byte $54
$5CA2 50 53  BVC L_BRS_($5CF7)_($5CA2) OK
$5CA4      .byte $5C,$F3,$FF
$5CA7 FE 55 55  INC $5555,X
$5CAA 01 10  ORA ($10,X)
//-----
L_BRS_($5CAC)_($5CDA) OK

```

```

//-----
$5CAC 24 AC BIT $AC
$5CAE AC AC FD LDY $FDAC
$5CB1 30 46 BMI L_BRS_($5CF9)_($5CB1) BAD
$5CB3 55 57 EOR $57,X
$5CB5 .byte $5F,$5F,$57
$5CB8 78 SEI
$5CB9 .byte $FC,$3C
$5CBB 70 CC BVS L_BRS_($5C89)_($5CBB) BAD
$5CBD C5 15 CMP $15
$5CBF 55 55 EOR $55,X
$5CC1 .byte $54
$5CC2 50 5C BVC L_BRS_($5D20)_($5CC2) OK
$5CC4 F0 CE BEQ L_BRS_($5C94)_($5CC4) JAM
//-----
L_BRS_($5CC7)_($5C62) BAD
//-----
$5CC6 FE FA 55 INC $55FA,X
$5CC9 55 11 EOR $11,X
$5CCB .byte $00
$5CCC 90 A0 BCC L_BRS_($5C6E)_($5CCC) OK
$5CCE A0 F0 LDY #F0
$5CD0 .byte $37
$5CD1 41 50 EOR ($50,X)
//-----
L_BRS_($5CD4)_($5CE2) JAM
//-----
$5CD3 .byte $5B,$5F,$7F,$7C
$5CD7 5D D0 F0 EOR $F0D0,X

```



```

$5CDA B0 D0  BCS L_BRS_($5CAC)_($5CDA) OK
$5CDC 71 15  ADC ($15),Y
$5CDE 55 55  EOR $55,X
//-----
L_BRS_($5CE0)_($5C82) OK
//-----
$5CE0 55 54  EOR $54,X
$5CE2 50 F0  BVC L_BRS_($5CD4)_($5CE2) JAM
$5CE4 F1 FA  SBC ($FA),Y
$5CE6      .byte $3A,$4F
$5CE8 55 55  EOR $55,X
$5CEA 01 10  ORA ($10,X)
$5CEC 20 A0 A0 JSR $A0A0
$5CEF      .byte $80,$5F,$5F,$52,$5F
$5CF4 5D 7F 7C EOR $7C7F,X
//-----
L_BRS_($5CF7)_($5CA2) OK
L_BRS_($5CF9)_($5CB1) BAD
//-----
$5CF7 5D C0 E0 EOR $E0C0,X
//-----
L_BRS_($5CFB)_($5D09) BAD
//-----
$5CFA D0 01  BNE L_BRS_($5CFD)_($5CFA) BAD
//-----
L_BRS_($5CFD)_($5CFA) BAD
//-----
$5CFC C5 15  CMP $15
$5CFE 55 55  EOR $55,X

```

```

$5D00 55 5D  EOR $5D,X
$5D02      .byte $5F,$7F,$7F,$7F,$7F,$7F,$14
$5D09 30 F0  BMI L_BRS_($5CFB)_($5D09) BAD
$5D0B      .byte $FC,$F7,$F7,$DF,$F7,$F7,$F7,$F7
$5D13      .byte $F7,$CF,$C3,$57
$5D17 55 FF  EOR $FF,X
$5D19      .byte $FF,$FF,$73
$5D1C 71 C5  ADC ($C5),Y
$5D1E D5 55  CMP $55,X
//-----
L_BRS_($5D20)_($5CC2) OK
//-----
$5D20 55 57  EOR $57,X
$5D22      .byte $5F
$5D23 7D 7D F7  ADC $F77D,X
$5D26      .byte $CF,$CF
$5D28 55 55  EOR $55,X
$5D2A      .byte $74,$FF,$FF,$F7,$FF,$F7,$4F,$7F
$5D32 7D 7C 50  ADC $507C,X
$5D35 55 55  EOR $55,X
$5D37 55 74  EOR $74,X
$5D39      .byte $DC
$5D3A D0 70  BNE L_BRS_($5DAC)_($5D3A) JAM
$5D3C D1 D5  CMP ($D5),Y
$5D3E 55 55  EOR $55,X
$5D40 55 55  EOR $55,X
//-----
L_BRS_($5D42)_($5D4C) OK
//-----

```

```

$5D42 55 40  EOR $40,X
$5D44 FD 7F FD  SBC $FD7F,X
$5D47 FD 55 55  SBC $5555,X
//-----
L_BRS_($5D4B)_($5D59) BAD
//-----
$5D4A 55 11  EOR $11,X
$5D4C 30 F4  BMI L_BRS_($5D42)_($5D4C) OK
$5D4E      .byte $FC,$FF,$FF,$FF
$5D52 F5 D5  SBC $D5,X
$5D54 40     RTI
//-----
$5D55 50 54  BVC L_BRS_($5DAB)_($5D55) BAD
$5D57 55 EF  EOR $EF,X
$5D59 F0 F0  BEQ L_BRS_($5D4B)_($5D59) BAD
$5D5B      .byte $7F,$1C
$5D5D 01 01  ORA ($01,X)
$5D5F 55 55  EOR $55,X
$5D61 55 55  EOR $55,X
$5D63      .byte $54
$5D64 7D DD DF  ADC $DFDD,X
$5D67      .byte $F7
$5D68 55 55  EOR $55,X
$5D6A 55 00  EOR $00,X
$5D6C      .byte $FC,$FF,$77,$FF,$F7,$FF,$F7,$F7
$5D74      .byte $73,$53,$54
$5D77 55 F8  EOR $F8,X
$5D79 BC F0 00  LDY $00F0,X
$5D7C      .byte $0C,$FC

```

```
$5D7E F1 55 SBC ($55),Y
$5D80 71 F1 ADC ($F1),Y
$5D82 .byte $F3,$FF,$F7,$C7,$47
$5D87 7D 55 5D ADC $5D55,X
$5D8A CC 7F 7F CPY $7F7F
$5D8D .byte $7F,$73,$7F,$7F,$7B,$7F
$5D93 70 70 BVS L_BRS_($5E05)_($5D93) JAM
$5D95 70 5C BVS L_BRS_($5DF3)_($5D95) BAD
$5D97 .byte $57,$FC
$5D99 EC FC 0C CPX $0CFC
$5D9C .byte $0C,$0C
$5D9E 31 C5 AND ($C5),Y
$5DA0 55 55 EOR $55,X
$5DA2 5D 7F FD EOR $FD7F,X
$5DA5 F5 DD SBC $DD,X
$5DA7 .byte $FF
$5DA8 55 55 EOR $55,X
//-----
L_BRS_($5DAB)_($5D55) BAD
//-----
$5DAA 01 00 ORA ($00,X)
//-----
L_BRS_($5DAC)_($5D3A) JAM
//-----
$5DAC .byte $F4,$FC,$F4,$D7,$EF
$5DB1 FE CF C0 INC $C0CF,X
$5DB4 .byte $F3,$7F,$5F
$5DB7 55 DF EOR $DF,X
$5DB9 .byte $DF,$FF,$DF,$CF,$CF,$1C,$5C
```

```

$5DC0 55 55  EOR $55,X
$5DC2 55 57  EOR $57,X
$5DC4      .byte $5C,$5F,$7F,$FF
$5DC8 55 40  EOR $40,X
$5DCA      .byte $FC,$FF,$F4,$D4
$5DCE 55 7F  EOR $7F,X
$5DD0      .byte $FB,$0F,$0F,$FF,$7F,$53
$5DD6 55 55  EOR $55,X
$5DD8      .byte $57,$7F,$FF,$FF,$C3,$00
$5DDE 55 55  EOR $55,X
$5DE0 55 55  EOR $55,X
$5DE2      .byte $5C,$7F,$7F,$FF,$DF,$F7
$5DE8 F5 FC  SBC $FC,X
//-----
L_BRS_($5DEE)_($5DEF) JAM
L_BRS_($5DEE)_($5DF8) JAM
//-----
$5DEA      .byte $FC,$7F,$5F,$5F,$D3
$5DEF F0 FD  BEQ L_BRS_($5DEE)_($5DEF) JAM
//-----
L_BRS_($5DF3)_($5D95) BAD
//-----
$5DF1 FD 7F 7F SBC $7F7F,X
$5DF4      .byte $5F,$57
$5DF6 55 55  EOR $55,X
$5DF8 F0 F4  BEQ L_BRS_($5DEE)_($5DF8) JAM
$5DFA      .byte $7C,$1C
//-----
L_BRS_($5DFC)_($5E4A) OK

```

```

//-----
$5DFC 41 C1  EOR ($C1,X)
$5DFE C5 55  CMP $55
$5E00 56 5A  LSR $5A,X
//-----
L_BRS_($5E05)_($5D93) JAM
//-----
$5E02      .byte $5A,$5A,$5A,$5A
$5E06 7E 7E 95 ROR $957E,X
$5E09 A1 A2  LDA ($A2,X)
$5E0B AA    TAX
//-----
L_BRS_($5E0C)_($5E1A) OK
//-----
$5E0C A8    TAY
//-----
L_BRS_($5E0E)_($5E6C) BAD
//-----
$5E0D AC BC BC LDY $BCBC
$5E10 7E 7F 5F ROR $5F7F,X
$5E13      .byte $5F,$5F,$5F,$5F,$57,$FC,$FC
$5E1A F0 F0  BEQ L_BRS_($5E0C)_($5E1A) OK
$5E1C C1 C5  CMP ($C5,X)
$5E1E 15 55  ORA $55,X
$5E20 56 5A  LSR $5A,X
$5E22      .byte $5A,$5A,$5A,$7A,$7A,$7A
$5E28 95 A1  STA $A1,X
$5E2A A0 A0  LDY #$A0
//-----

```

```

L_BRS_($5E2C)_($5E3A) OK
//-----
$5E2C A0 BC LDY # $BC
//-----
L_BRS_($5E2E)_($5E4C) OK
//-----
$5E2E FE FE 7B INC $7BFE,X
$5E31 .byte $7F,$5F,$5F,$5F,$5F,$5F,$5C
$5E38 C0 F0 CPY # $F0
$5E3A F0 F0 BEQ L_BRS_($5E2C)_($5E3A) OK
$5E3C F1 C5 SBC ($C5),Y
$5E3E 15 55 ORA $55,X
//-----
L_BRS_($5E40)_($5E4E) OK
//-----
$5E40 56 5A LSR $5A,X
$5E42 .byte $5A,$5A,$5A,$5A,$7B,$7B
$5E48 95 A1 STA $A1,X
$5E4A B0 B0 BCS L_BRS_($5DFC)_($5E4A) OK
$5E4C B0 E0 BCS L_BRS_($5E2E)_($5E4C) OK
$5E4E F0 F0 BEQ L_BRS_($5E40)_($5E4E) OK
$5E50 .byte $5F,$5F,$7F,$7F,$7F,$5F
$5E56 55 55 EOR $55,X
$5E58 30 38 BMI L_BRS_($5E92)_($5E58) JAM
$5E5A C8 INY
$5E5B C0 FC CPY # $FC
$5E5D .byte $FC
//-----
L_BRS_($5E5E)_($5E9B) OK

```

```

//-----
$5E5E 7D 55 56 ADC $5655,X
$5E61      .byte $5A,$5A,$5A,$5A,$5B,$5F,$53
$5E68 95 A1 STA $A1,X
$5E6A E0 F0 CPX #$F0
$5E6C F0 A0 BEQ L_BRS_($5E0E)_($5E6C) BAD
$5E6E A0 E0 LDY #$E0
$5E70      .byte $53,$53,$5C,$57,$57
$5E75 55 55 EOR $55,X
$5E77 55 F0 EOR $F0,X
$5E79 A0 A0 LDY #$A0
$5E7B C0 F0 CPY #$F0
$5E7D F1 F5 SBC ($F5),Y
$5E7F 55 56 EOR $56,X
$5E81      .byte $5A,$5B,$5B,$5B
$5E85 7E 7E 7E ROR $7E7E,X
$5E88 95 A1 STA $A1,X
$5E8A A0 EC LDY #$EC
$5E8C EE BE BC INC $BCBE
$5E8F BC 6E 6F LDY $6F6E,X
//-----
L_BRS_($5E92)_($5E58) JAM
//-----
$5E92      .byte $6F,$6F,$AB,$9F,$5F,$5C,$FC,$FC
$5E9A      .byte $FC
//-----
L_BRS_($5E9B)_($5ED9) OK
//-----
$5E9B F0 C1 BEQ L_BRS_($5E5E)_($5E9B) OK

```



```

$5E9D C5 15  CMP $15
$5E9F 55 56  EOR $56,X
$5EA1      .byte $5A
$5EA2 5E 5F 5F  LSR $5F5F,X
$5EA5      .byte $5A,$5A,$5A
$5EA8 95 A1  STA $A1,X
$5EAA A0 A0  LDY #A0
//-----
L_BRS_($5EAC)_($5EAE) OK
//-----
$5EAC A0 F0  LDY #F0
$5EAE F0 FC  BEQ L_BRS_($5EAC)_($5EAE) OK
$5EB0      .byte $5B,$5F,$5F,$7F,$7F,$7C
$5EB6 55 55  EOR $55,X
$5EB8 BC B0 CC LDY $CCB0,X
$5EBB      .byte $FC
$5EBC F1 05  SBC ($05),Y
$5EBE 55 55  EOR $55,X
$5EC0 56 5A  LSR $5A,X
$5EC2      .byte $5A
$5EC3 5E 5E 5B  LSR $5B5E,X
$5EC6      .byte $5B,$5B
$5EC8 95 A1  STA $A1,X
$5ECA A0 A0  LDY #A0
$5ECC A0 A0  LDY #A0
$5ECE E0 F0  CPX #F0
$5ED0      .byte $5F
//-----
L_BRS_($5ED2)_($5F04) BAD

```

```

//-----
$5ED1 5E 7E 7F LSR $7F7E,X
$5ED4      .byte $7F
$5ED5 55 55  EOR $55,X
$5ED7 55 30  EOR $30,X
//-----
L_BRS_($5ED9)_($5EDB) OK
//-----
$5ED9 F0 C0  BEQ L_BRS_($5E9B)_($5ED9) OK
$5EDB 30 FC  BMI L_BRS_($5ED9)_($5EDB) OK
$5EDD      .byte $FC
$5EDE 55 55  EOR $55,X
$5EE0 56 5A  LSR $5A,X
$5EE2      .byte $5A,$5A,$5A
$5EE5 5E 5F 5F LSR $5F5F,X
//-----
L_BRS_($5EE8)_($5F26) OK
//-----
$5EE8 95 A1  STA $A1,X
//-----
L_BRS_($5EEA)_($5EF8) OK
//-----
$5EEA A0 A0  LDY #$A0
//-----
L_BRS_($5EEC)_($5EFA) OK
//-----
$5EEC A0 A0  LDY #$A0
$5EEE A0 A0  LDY #$A0
$5EF0      .byte $5F,$5C,$6B,$5B,$57,$57

```

```

$5EF6 55 55  EOR $55,X
$5EF8 F0 F0  BEQ L_BRS_($5EEA)_($5EF8) OK
$5EFA F0 F0  BEQ L_BRS_($5EEC)_($5EFA) OK
$5EFC      .byte $FC
$5EFD FD F5 F5 SBC $F5F5,X
$5F00      .byte $57,$5C
$5F02 70 70  BVS L_BRS_($5F74)_($5F02) JAM
//-----
L_BRS_($5F04)_($5F12) OK
//-----
$5F04 70 CC  BVS L_BRS_($5ED2)_($5F04) BAD
$5F06      .byte $C3,$00,$57,$DF
$5F0A 30 33  BMI L_BRS_($5F3F)_($5F0A) BAD
$5F0C      .byte $33,$C3,$03,$0C,$0C,$33
$5F12 30 F0  BMI L_BRS_($5F04)_($5F12) OK
$5F14      .byte $5C,$57
$5F16 55 55  EOR $55,X
$5F18      .byte $FC
//-----
L_BRS_($5F19)_($5F8B) OK
//-----
$5F19 30 31  BMI L_BRS_($5F4C)_($5F19) OK
$5F1B 31 31  AND ($31),Y
$5F1D 35 D5  AND $D5,X
$5F1F 55 5D  EOR $5D,X
$5F21      .byte $73
$5F22 C0 C0  CPY #C0
$5F24 C0 CF  CPY #CF
$5F26 70 C0  BVS L_BRS_($5EE8)_($5F26) OK

```

```

$5F28 55 45  EOR $45,X
$5F2A C1 CF  CMP ($CF,X)
$5F2C      .byte $F3
$5F2D C1 0C  CMP ($0C,X)
$5F2F 30 70  BMI L_BRS_($5FA1)_($5F2F) BAD
$5F31      .byte $CF
$5F32 C0 C0  CPY #$C0
$5F34      .byte $C3
$5F35 CC 75 55  CPY $5575
$5F38 C1 C1  CMP ($C1,X)
$5F3A 31 35  AND ($35),Y
$5F3C D5 55  CMP $55,X
//-----
L_BRS_($5F3F)_($5F0A) BAD
//-----
$5F3E 55 55  EOR $55,X
$5F40 5D 73 C0  EOR $C073,X
$5F43      .byte $C3,$73,$CF
$5F46 C0 C0  CPY #$C0
$5F48 55 45  EOR $45,X
$5F4A 41 01  EOR ($01,X)
//-----
L_BRS_($5F4C)_($5F19) OK
//-----
$5F4C 01 01  ORA ($01,X)
$5F4E      .byte $FF,$03,$CF,$73
$5F52 CC C0 C0  CPY $C0C0
$5F55 C0 C3  CPY #$C3
$5F57 7D FC 00  ADC $00FC,X

```

```

$5F5A C1 31  CMP ($31,X)
$5F5C 35 D5  AND $D5,X
$5F5E 55 55  EOR $55,X
//-----
L_BRS_($5F60)_($5F6E) JAM
//-----
$5F60      .byte $57,$5C
$5F62 70 70  BVS L_BRS_($5FD4)_($5F62) JAM
$5F64      .byte $72,$5F
$5F66 70 70  BVS L_BRS_($5FD8)_($5F66) BAD
$5F68 55 D1  EOR $D1,X
//-----
L_BRS_($5F6B)_($5FA6) JAM
//-----
$5F6A      .byte $00,$80
$5F6C C0 F0  CPY #F0
$5F6E 30 F0  BMI L_BRS_($5F60)_($5F6E) JAM
$5F70      .byte $7C,$7F
$5F72 70 70  BVS L_BRS_($5FE4)_($5F72) JAM
//-----
L_BRS_($5F74)_($5F02) JAM
//-----
$5F74      .byte $5F
$5F75 55 55  EOR $55,X
$5F77 55 30  EOR $30,X
$5F79      .byte $0C
$5F7A CC 31 0D CPY $0D31
$5F7D F5 55  SBC $55,X
$5F7F 55 57  EOR $57,X

```

```

$5F81      .byte $5C
$5F82 70 70  BVS L_BRS_($5FF4)_($5F82) OK
$5F84      .byte $4B,$7F,$C3
$5F87 C0 55  CPY #55
$5F89 D1 30  CMP ($30),Y
$5F8B 30 8C  BMI L_BRS_($5F19)_($5F8B) OK
$5F8D      .byte $C3,$03,$33,$0C,$03
$5F92 30 30  BMI L_BRS_($5FC4)_($5F92) BAD
$5F94      .byte $3C,$37
$5F96 F5 D5  SBC $D5,X
$5F98      .byte $F3,$3C
$5F9A 30 30  BMI L_BRS_($5FCC)_($5F9A) OK
$5F9C 31 35  AND ($35),Y
$5F9E D5 55  CMP $55,X
//-----
L_BRS_($5FA1)_($5F2F) BAD
//-----
$5FA0 55 57  EOR $57,X
$5FA2      .byte $54
$5FA3 56 57  LSR $57,X
$5FA5      .byte $5F
$5FA6 70 C3  BVS L_BRS_($5F6B)_($5FA6) JAM
$5FA8 D5 34  CMP $34,X
$5FAA      .byte $0C,$0C
$5FAC 8C F0 0C STY $0CF0
$5FAF      .byte $03,$CF,$FC,$5C,$5C,$57,$57,$57
$5FB7 55 33  EOR $33,X
$5FB9      .byte $F3,$3C,$0C
$5FBC 0D 05 35 ORA $3505

```

```

$5FBF D5 55  CMP $55,X
$5FC1 55 55  EOR $55,X
//-----
L_BRS_($5FC4)_($5F92) BAD
//-----
$5FC3 55 FF  EOR $FF,X
//-----
L_BRS_($5FC6)_($5FF8) BAD
//-----
$5FC5 C0 CF  CPY # $CF
$5FC7      .byte $77
$5FC8 75 CD  ADC $CD,X
$5FCA      .byte $03,$C3
//-----
L_BRS_($5FCC)_($5F9A) OK
//-----
$5FCC CC F3 03 CPY $03F3
$5FCF      .byte $33,$57
$5FD1 55 57  EOR $57,X
//-----
L_BRS_($5FD4)_($5F62) JAM
//-----
$5FD3      .byte $57,$5C,$5C,$5F
//-----
L_BRS_($5FD8)_($5F66) BAD
//-----
$5FD7 55 33  EOR $33,X
$5FD9      .byte $F3,$33,$33,$0C,$0C
$5FDE 35 D5  AND $D5,X

```

```

$5FE0 55 57  EOR $57,X
//-----
L_BRS_($5FE4)_($5F72) JAM
//-----
$5FE2      .byte $5C,$5C,$5C,$57,$5C,$5C
$5FE8 D5 30  CMP $30,X
$5FEA      .byte $0C,$0C,$0C
$5FED CC 30 0C CPY $0C30
$5FF0      .byte $5C,$5C,$7C,$73
//-----
L_BRS_($5FF4)_($5F82) OK
//-----
$5FF4 70 5F  BVS L_BRS_($6055)_($5FF4) BAD
$5FF6 55 55  EOR $55,X
$5FF8 F0 CC  BEQ L_BRS_($5FC6)_($5FF8) BAD
$5FFA CC 0C 0C CPY $0C0C
$5FFD CD 75 F5 CMP $F575
$6000      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6008      .byte $00
$6009 18    CLC
$600A 18    CLC
$600B 18    CLC
$600C 18    CLC
$600D      .byte $00
$600E 18    CLC
$600F 18    CLC
$6010      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6018      .byte $00,$3C
$601A 66 3C  ROR $3C

```



```

$601C 18    CLC
$601D 1E 18 1E ASL $1E18,X
$6020      .byte $00
$6021 18    CLC
$6022 18    CLC
$6023 18    CLC
$6024      .byte $34,$7A,$7A,$34,$00
$6029 06 0C ASL $0C
$602B 18    CLC
$602C F0 70 BEQ L_BRS_($609E)_($602C) OK
$602E 58    CLI
$602F      .byte $80,$00
$6031 20 10 20 JSR L_JSR_($2010)_($6031) OK
$6034 10 20 BPL L_BRS_($6056)_($6034) JAM
$6036 10 08 BPL L_BRS_($6040)_($6036) JAM
$6038 2A    ROL A
$6039 AA    TAX
$603A A9 B9 LDA #$B9
$603C      .byte $E7
$603D DE FC 78 DEC $78FC,X
//-----
L_BRS_($6040)_($6036) JAM
L_JSR_($6040)_($8E71) JAM
L_JSR_($6040)_($8E79) JAM
L_JSR_($6040)_($8E81) JAM
L_JSR_($6040)_($8E89) JAM
//-----
$6040      .byte $00,$92
$6042 FE F2 E2 INC $E2F2,X

```

```

$6045      .byte $44
$6046 4C 38 00 JMP $0038

$6049 38     SEC

$604A      .byte $44

$604B BA     TSX

$604C BA     TSX

$604D BA     TSX

$604E      .byte $44

$604F 38     SEC

$6050      .byte $42,$5A,$5A

//-----
L_BRS_($6055)_($5FF4) BAD

//-----
$6053 99 34 7A STA $7A34,Y

//-----
L_BRS_($6056)_($6034) JAM

//-----
$6056      .byte $7A,$34,$00,$00,$00,$00,$00,$00,$00
$605E      .byte $00,$00,$00,$00,$00,$00,$00,$00,$00
$6066      .byte $00,$00,$00,$00,$00,$00,$00,$00,$00
$606E      .byte $00,$00,$00,$00,$00,$00,$00,$00,$00

$6075 18     CLC

$6076 18     CLC

$6077      .byte $00

$6078 06 0C  ASL $0C

$607A 18     CLC

$607B 30 60  BMI L_BRS_($60DD)_($607B) JAM

$607D C0 80  CPY # $80

$607F      .byte $00,$00,$7C

```

```
$6082 C6 C6  DEC $C6
$6084 C6 C6  DEC $C6
$6086 FE 7C 00 INC $007C,X
$6089 18     CLC
$608A 38     SEC
$608B 18     CLC
$608C 18     CLC
$608D 18     CLC
$608E 7E 7E 00 ROR $007E,X
$6091     .byte $3C
$6092 66 06  ROR $06
$6094     .byte $3C
$6095 60     RTS
//-----
$6096 7E 7E 00 ROR $007E,X
$6099     .byte $3C
$609A 66 0C  ROR $0C
$609C 06 66  ASL $66
//-----
L_BRS_($609E)_($602C) OK
//-----
$609E 7E 3C 00 ROR $003C,X
$60A1     .byte $1C,$3C
$60A3 6C CC FE JMP ($FECC)
$60A6     .byte $0C
$60A7 1E 00 7E ASL $7E00,X
$60AA 60     RTS
//-----
$60AB     .byte $7C
```

```
$60AC 06 66 ASL $66
$60AE 7E 3C 00 ROR $003C,X
$60B1 .byte $3C
$60B2 60 RTS
//-----
$60B3 .byte $7C
$60B4 66 66 ROR $66
$60B6 7E 3C 00 ROR $003C,X
$60B9 7E 66 06 ROR $0666,X
$60BC .byte $0C
$60BD 18 CLC
$60BE 18 CLC
$60BF 18 CLC
$60C0 .byte $00,$3C
$60C2 66 3C ROR $3C
$60C4 66 66 ROR $66
$60C6 7E 3C 00 ROR $003C,X
$60C9 .byte $3C
$60CA 66 3E ROR $3E
$60CC 06 66 ASL $66
$60CE 7E 3C 00 ROR $003C,X
$60D1 .byte $07,$0C,$0C,$07,$00,$0F,$07,$00
$60D9 .byte $87
$60DA CC 18 98 CPY $9818
//-----
L_BRS_($60DD)_($607B) JAM
//-----
$60DD .byte $DC,$CF,$87,$00,$87
$60E2 CC 18 18 CPY $1818
```

```
$60E5      .byte $1C,$CF,$87,$00,$8F
$60EA C6 66  DEC $66
$60EC      .byte $67
$60ED E6 CF  INC $CF
$60EF      .byte $8F,$00,$CF
$60F2 66 66  ROR $66
$60F4      .byte $C7
$60F5 C6 6F  DEC $6F
$60F7      .byte $6F,$00
$60F9 E0 20  CPX #20
$60FB      .byte $80,$80
$60FD 20 E0 E0 JSR $E0E0
$6100      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6108      .byte $00
$6109 18    CLC
$610A      .byte $3C
$610B 66 7E  ROR $7E
$610D 66 66  ROR $66
$610F 66 00  ROR $00
$6111      .byte $FC
$6112 66 7C  ROR $7C
$6114 66 66  ROR $66
$6116 FE FC 00 INC $00FC,X
$6119      .byte $3C
$611A 66 C0  ROR $C0
$611C C0 E0  CPY #E0
$611E 7E 3C 00 ROR $003C,X
$6121      .byte $F8
$6122 6C 66 66 JMP ($6666)
```

```
$6125 6E FC F8 ROR $F8FC
$6128      .byte $00
$6129 FE 62 68 INC $6862,X
$612C 78    SEI
$612D      .byte $62
$612E FE FE 00 INC $00FE,X
$6131 FE 62 68 INC $6862,X
$6134 78    SEI
$6135 68    PLA
$6136 60    RTS
//-----
$6137 F0 00  BEQ L_BRS_($6139)_($6137) JAM
//-----
L_BRS_($6139)_($6137) JAM
//-----
$6139      .byte $3C
$613A 66 C0  ROR $C0
$613C CE E6 7E DEC $7EE6
$613F 3E 00 66 ROL $6600,X
$6142 66 7E  ROR $7E
$6144 66 66  ROR $66
$6146 66 66  ROR $66
$6148      .byte $00
$6149 7E 18 18 ROR $1818,X
$614C 18    CLC
$614D 18    CLC
$614E 7E 7E 00 ROR $007E,X
$6151 1E 0C 0C ASL $0C0C,X
$6154      .byte $0C
```

```

$6155 CC FC 78 CPY $78FC
$6158      .byte $00
$6159 E6 66  INC $66
$615B 6C 78 6C JMP ($6C78)
$615E E6 E6  INC $E6
$6160      .byte $00
$6161 F0 60  BEQ L_BRS_($61C3)_($6161) OK
$6163 60    RTS
//-----
$6164 60    RTS
//-----
$6165      .byte $62
$6166 FE FE 00 INC $00FE,X
$6169 C6 EE  DEC $EE
$616B FE FE D6 INC $D6FE,X
$616E C6 C6  DEC $C6
$6170      .byte $00
$6171 C6 E6  DEC $E6
$6173 F6 DE  INC $DE,X
$6175 CE C6 C6 DEC $C6C6
//-----
L_BRS_($6178)_($6186) JAM
//-----
$6178      .byte $00
$6179 38    SEC
$617A 6C C6 C6 JMP ($C6C6)
$617D EE 7C 38 INC $387C
$6180      .byte $00,$FC
$6182 66 66  ROR $66

```

```
$6184    .byte $7C
$6185 60    RTS
//-----
$6186 F0 F0    BEQ L_BRS_($6178)_($6186) JAM
$6188    .byte $00
$6189 38    SEC
$618A 6C C6 C6 JMP ($C6C6)
$618D    .byte $FA
$618E EC 76 00 CPX $0076
$6191    .byte $FC
$6192 66 66    ROR $66
$6194    .byte $7C
$6195 6C F6 F6 JMP ($F6F6)
$6198    .byte $00,$3C
$619A 66 60    ROR $60
$619C    .byte $3C
$619D 06 7E    ASL $7E
$619F    .byte $3C,$00
$61A1 7E 5A 18 ROR $185A,X
$61A4 18    CLC
$61A5 18    CLC
$61A6    .byte $3C,$3C,$00
$61A9 66 66    ROR $66
$61AB 66 66    ROR $66
$61AD 66 7E    ROR $7E
$61AF    .byte $3C,$00
$61B1 66 66    ROR $66
$61B3 66 66    ROR $66
$61B5 7E 3C 18 ROR $183C,X
```



```

$61B8      .byte $00
$61B9 C6 C6  DEC $C6
$61BB D6 FE  DEC $FE,X
$61BD FE EE C6 INC $C6EE,X
$61C0      .byte $00
$61C1 C6 6C  DEC $6C
//-----
L_BRS_($61C3)_($6161) OK
//-----
$61C3 38    SEC
$61C4 38    SEC
$61C5 6C C6 C6 JMP ($C6C6)
$61C8      .byte $00
$61C9 66 66  ROR $66
$61CB 66 3C  ROR $3C
$61CD 18    CLC
$61CE      .byte $3C,$3C,$00
$61D1 FE CC 18 INC $18CC,X
$61D4 30 62  BMI L_BRS_($6238)_($61D4) JAM
$61D6 FE FE 00 INC $00FE,X
$61D9      .byte $07,$03,$03,$03,$03,$07,$07,$00
$61E1      .byte $F7,$13,$43,$C3,$13,$F7,$F7,$00
$61E9      .byte $8F
$61EA 06 06  ASL $06
$61EC      .byte $07
$61ED 26 E6  ROL $E6
$61EF      .byte $EF,$00
$61F1 E0 20  CPX #$20
$61F3      .byte $80,$80,$80,$00,$00,$00,$00,$00

```

\$61FB .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$6203 .byte \$00,\$00,\$00,\$00,\$00,\$07

\$6209 18 CLC

\$620A .byte \$23,\$44

\$620C 48 PHA

//-----

L_BRS_(\$620D)_(\$626B) OK

//-----

\$620D 88 DEY

\$620E 88 DEY

\$620F .byte \$8F,\$FC,\$07

\$6212 C4 4F CPY \$4F

\$6214 .byte \$92,\$E2,\$04,\$FC,\$00,\$FF

\$621A 01 39 ORA (\$39,X)

\$621C 49 49 EOR #\$49

\$621E .byte \$89

\$621F F9 00 FF SBC \$FF00,Y

\$6222 18 CLC

\$6223 .byte \$9F

\$6224 91 21 STA (\$21),Y

\$6226 21 21 AND (\$21,X)

\$6228 .byte \$00,\$EF

\$622A 28 PLP

\$622B 2E 22 22 ROL \$2222

\$622E .byte \$22,\$22,\$00,\$FC,\$02

\$6233 71 48 ADC (\$48),Y

//-----

L_BRS_(\$6238)_(\$61D4) JAM

//-----

```

$6235      .byte $44,$44,$42,$00,$FF,$80
$623B 8E CA A6 STX $A6CA
$623E 5E 42 00 LSR $0042,X
$6241      .byte $FF
$6242 01 71  ORA ($71,X)
$6244      .byte $52,$64
$6246 78    SEI
$6247 40    RTI
//-----
$6248      .byte $00,$FF
$624A 81 E7  STA ($E7,X)
$624C 24 24  BIT $24
$624E 24 24  BIT $24
$6250      .byte $00,$07,$04,$04,$04,$04,$04,$04
$6258      .byte $00,$FF,$00,$FF,$80
$625D 86 8A  STX $8A
$625F      .byte $F4,$00,$FF,$00,$CF
$6264 48    PHA
$6265 48    PHA
$6266 49 49  EOR #49
$6268      .byte $00
$6269 F0 10  BEQ L_BRS_($627B)_($6269) OK
$626B 90 A0  BCC L_BRS_($620D)_($626B) OK
$626D A0 40  LDY #40
$626F      .byte $80,$80,$8F
$6272 48    PHA
$6273      .byte $44,$23
$6275 18    CLC
$6276      .byte $07,$00,$04

```

```

$6279 E4 24 CPX $24
//-----
L_BRS_($627B)_($6269) OK
//-----
$627B 24 E4 BIT $E4
$627D .byte $04
//-----
L_BRS_($627E)_($62DC) OK
//-----
$627E E4 24 CPX $24
$6280 01 F9 ORA ($F9,X)
$6282 .byte $89,$89,$89,$89,$89,$8F
$6288 21 21 AND ($21,X)
$628A 21 12 AND ($12,X)
$628C 8C 41 22 STY $2241
$628F .byte $1C,$22,$22,$22
$6293 2E 32 86 ROL $8632
$6296 8A TXA
//-----
L_BRS_($629B)_($630A) JAM
//-----
$6297 .byte $72,$42,$42,$42,$5A
$629C 66 4A ROR $4A
$629E .byte $12,$23,$42,$42,$42,$42,$42,$42
$62A6 .byte $42,$C3
$62A8 40 RTI
//-----
$62A9 40 RTI
//-----

```

```
$62AA 40 RTI
//-----
$62AB 40 RTI
//-----
$62AC 40 RTI
//-----
$62AD 40 RTI
//-----
$62AE 40 RTI
//-----
$62AF CO 24 CPY #24
$62B1 24 24 BIT $24
$62B3 24 24 BIT $24
$62B5 .byte $E7,$80,$FF,$04,$1C
$62BA 2C 4C 94 BIT $944C
$62BD .byte $14
$62BE 24 E7 BIT $E7
$62C0 .byte $04
$62C1 E8 INX
$62C2 B9 82 85 LDA $8582,Y
$62C5 F9 02 FE SBC $FE02,Y
$62C8 48 PHA
$62C9 48 PHA
$62CA C8 INY
$62CB C9 4A CMP #$4A
$62CD 4C 41 42 JMP L_JMP_($4241)_($62CD) JAM
$62D0 .byte $00,$00,$00,$80
$62D4 40 RTI
//-----
```

```

L_BRS_($62D6)_($631C) JAM
//-----
$62D5      .byte $80,$00,$00
$62D8 25 26  AND $26
$62DA 24 48  BIT $48
$62DC 90 A0  BCC L_BRS_($627E)_($62DC) OK
$62DE C0 00  CPY # $00
$62E0      .byte $02,$04
$62E2 09 0A  ORA # $0A
$62E4      .byte $04,$00,$00,$00
$62E8 40    RTI
//-----
$62E9      .byte $80,$00,$00,$00,$00,$00,$00,$00
$62F1      .byte $00,$00
$62F3 01 02  ORA ($02,X)
$62F5      .byte $02,$03,$00,$44
$62F9 48    PHA
$62FA 90 20  BCC L_BRS_($631C)_($62FA) OK
$62FC 40    RTI
//-----
$62FD      .byte $80,$00,$00,$00,$00,$03,$07
$6304 0E 1D 3B ASL $3B1D
$6307      .byte $37,$0F,$FF
$630A F0 8F  BEQ L_BRS_($629B)_($630A) JAM
$630C      .byte $7F,$FF,$FF
//-----
L_BRS_($6310)_($6348) BAD
//-----
$630F 01 F0  ORA ($F0,X)

```

```
$6311      .byte $FF,$0F
$6313 F1 FE  SBC ($FE),Y
$6315      .byte $FF,$FF
$6317 C0 00  CPY # $00
$6319      .byte $00
$631A C0 E0  CPY # $E0
//-----
L_BRS_($631C)_($62FA) OK
//-----
$631C 70 B8  BVS L_BRS_($62D6)_($631C) JAM
$631E      .byte $DC
$631F EC 77 6F CPX $6F77
$6322      .byte $6F,$6F,$DF,$DF,$DF,$DF
$6328 6D 6D 6D  ADC $6D6D
$632B 6D 6D 7D  ADC $7D6D
$632E      .byte $83,$FF
$6330 BE B1 9C  LDX $9CB1,Y
$6333 E6 86   INC $86
$6335 BE 81 FF  LDX $FF81,Y
$6338 EE F6 F6  INC $F6F6
$633B F6 FB   INC $FB,X
$633D      .byte $FB,$FB,$FB,$DC
$6341 D9 DA DA  CMP $DADA,Y
$6344 6A     ROR A
$6345 6A     ROR A
$6346 69 74  ADC # $74
$6348 10 C6  BPL L_BRS_($6310)_($6348) BAD
$634A 09 C9  ORA # $C9
$634C 49 49  EOR # $49
```

```

$634E C6 10  DEC $10
$6350 88    DEY
$6351      .byte $2B
$6352 2A    ROL A
$6353 2A    ROL A
$6354 2A    ROL A
$6355      .byte $22,$3B,$80,$3B,$9B,$DB,$5B
//-----
L_BRS_($635D)_($637B) BAD
//-----
$635C 56 D6  LSR $D6,X
$635E 96 2E  STX $2E,Y
$6360      .byte $37,$3B
$6362 1D 0E 07  ORA $070E,X
//-----
L_BRS_($6365)_($6377) JAM
//-----
$6365      .byte $03,$00,$00,$FF
$6369 FE FC 7E  INC $7EFC,X
$636C 8D F0 FF  STA $FFF0
//-----
L_BRS_($6370)_($63BE) JAM
//-----
$636F      .byte $0F,$FF,$7F,$3F
$6373 7E B1 0F  ROR $0FB1,X
$6376      .byte $FF
$6377 F0 EC  BEQ L_BRS_($6365)_($6377) JAM
$6379      .byte $DC,$B8
$637B 70 E0  BVS L_BRS_($635D)_($637B) BAD

```



```

$637D C0 00  CPY # $00
$637F      .byte $00,$00
$6381 18    CLC
$6382 18    CLC
$6383      .byte $1A,$1F,$1F
$6386 1D 18 00 ORA $0018,X
$6389      .byte $C3,$C7
$638B CC CF CC CPY $CCCF
$638E CC CC 00 CPY $00CC
$6391      .byte $0F
$6392 86 C6  STX $C6
$6394      .byte $C7
$6395 C6 CF  DEC $CF
//-----
L_BRS_($639D)_($63BB) JAM
//-----
$6397      .byte $CF,$00,$C7,$63,$63,$C3,$C3,$67
$639F      .byte $67,$00,$E3
$63A2 30 30  BMI L_BRS_($63D4)_($63A2) BAD
$63A4 E0 60  CPX # $60
$63A6      .byte $B3,$B3,$00
$63A9 F1 C3  SBC ($C3),Y
$63AB C6 C6  DEC $C6
$63AD      .byte $C7,$F3
$63AF F1 00  SBC ($00),Y
$63B1      .byte $C7,$63,$33,$33,$73,$E7,$C7,$00
$63B9 E0 30  CPX # $30
$63BB 30 E0  BMI L_BRS_($639D)_($63BB) JAM
$63BD 60    RTS

```

```

//-----
$63BE B0 B0  BCS L_BRS_($6370)_($63BE) JAM
$63C0      .byte $00,$00,$62
$63C3 36 1C  ROL $1C,X
$63C5 38     SEC
$63C6 6C 46 00 JMP ($0046)
$63C9 18     CLC
$63CA 18     CLC
$63CB 18     CLC
$63CC 18     CLC
$63CD      .byte $00
$63CE 18     CLC
$63CF 18     CLC
$63D0      .byte $00,$00,$00
//-----
L_BRS_($63D4)_($63A2) BAD
//-----
$63D3 7E 00 7E ROR $7E00,X
$63D6      .byte $00,$00,$00,$00
$63DA 18     CLC
$63DB 18     CLC
$63DC      .byte $00
$63DD 18     CLC
$63DE 18     CLC
$63DF 08     PHP
$63E0      .byte $00,$00,$00,$00,$00,$00,$00,$00
$63E8      .byte $00,$00,$00,$00,$00,$00,$00,$00
$63F0      .byte $00,$00,$00,$00,$00,$00,$00,$00
$63F8      .byte $00,$00,$00,$00,$00,$00,$00

```

```
$63FF F0 00 BEQ L_BRS_($6401)_($63FF) JAM
//-----
L_BRS_($6401)_($63FF) JAM
//-----
$6401 .byte $00,$00,$00,$00,$00,$00,$00,$FF
$6409 FE FE FF INC $FFFE,X
$640C FE FE FE INC $FEFE,X
$640F .byte $FF,$FF
$6411 BA TSX
$6412 EE AB EE INC $EEAB
$6415 BA TSX
$6416 EE AB FF INC $FFAB
$6419 .byte $BB,$EF
$641B A8 TAY
$641C .byte $EF,$BB,$EF
$641F A8 TAY
$6420 FE FE FE INC $FEFE,X
$6423 .byte $FF
$6424 FE FE FE INC $FEFE,X
$6427 .byte $FF
$6428 EE BB EF INC $EFBB
$642B A8 TAY
$642C .byte $EF,$BB,$EF
$642F A8 TAY
$6430 EE FE FE INC $FEFE
$6433 .byte $FF
$6434 FE FE FE INC $FEFE,X
$6437 .byte $FF,$EF,$BB,$EF
$643B A8 TAY
```

```
$643C    .byte $EF,$BB,$EF
$643F A8    TAY
$6440    .byte $EF
$6441 BA    TSX
$6442 EE AB EE INC $EEAB
$6445 BA    TSX
$6446 EE AB FE INC $FEAB
$6449 BA    TSX
$644A EE AB EE INC $EEAB
$644D BA    TSX
$644E EE AB FE INC $FEAB
$6451    .byte $FF,$F3,$FC,$F3,$CF,$33,$FC
$6458 EE CF 33 INC $33CF
$645B    .byte $FC,$33,$CF,$33,$FC,$EF,$CF,$33
$6463    .byte $FC,$33,$CF,$33,$FC,$3F,$C3
$646A CE CE CE DEC $CECE
$646D    .byte $03
$646E FE FE FC INC $FCFE,X
$6471    .byte $FC,$AB,$AB,$AB,$FF
$6476 BA    TSX
$6477 BA    TSX
$6478    .byte $FF,$FC,$AB
$647B A8    TAY
$647C    .byte $AB,$FC,$BB,$B8
$6480 FE 03 CE INC $CE03,X
//-----
L_BRS_($6484)_($64B6) BAD
//-----
$6483 CE CE 03 DEC $03CE
```

\$6486 FE FE BA INC \$BAFE,X
\$6489 .byte \$FC,\$AB
\$648B A8 TAY
\$648C .byte \$AB,\$FC,\$BB,\$B8
\$6490 BA TSX
\$6491 .byte \$CF
\$6492 0E CE CE ASL \$CECE
\$6495 .byte \$03
\$6496 FE FE BB INC \$BBFE,X
\$6499 .byte \$FC,\$AB
\$649B A8 TAY
\$649C .byte \$AB,\$FC,\$BB,\$B8,\$BB,\$FF,\$AB,\$AB
\$64A4 .byte \$AB,\$FF
\$64A6 BA TSX
\$64A7 BA TSX
\$64A8 FE FF AB INC \$ABFF,X
\$64AB .byte \$AB,\$AB,\$FF
\$64AE BA TSX
\$64AF BA TSX
\$64B0 FE 0C C3 INC \$C30C,X
\$64B3 CC C0 CC CPY \$CCCC
\$64B6 30 CC BMI L_BRS_(\$6484)_(\$64B6) BAD
\$64B8 BA TSX
\$64B9 CC 03 CC CPY \$CC03
\$64BC .byte \$00
\$64BD CC 30 CC CPY \$CC30
\$64C0 .byte \$BB
\$64C1 CC 03 CC CPY \$CC03
\$64C4 .byte \$00

```

$64C5 CC 33 CC CPY $CC33
$64C8      .byte $00,$00,$00,$00,$00,$00,$00,$00
$64D0      .byte $00,$00,$00,$00,$00,$00,$00,$00
$64D8      .byte $00,$00,$00,$00,$00,$00,$00,$00
$64E0 06 0C  ASL $0C
$64E2 18     CLC
$64E3 30 18  BMI L_BRS_($64FD)_($64E3) JAM
$64E5      .byte $0C
$64E6 06 00  ASL $00
$64E8      .byte $00,$00
$64EA 7E 00 00 ROR $0000,X
$64ED 7E 00 00 ROR $0000,X
$64F0 60     RTS
//-----
$64F1 30 18  BMI L_BRS_($650B)_($64F1) BAD
$64F3      .byte $0C
$64F4 18     CLC
$64F5 30 60  BMI L_BRS_($6557)_($64F5) BAD
$64F7      .byte $00,$00,$3C
$64FA 66 0C  ROR $0C
$64FC 18     CLC
//-----
L_BRS_($64FD)_($64E3) JAM
//-----
$64FD      .byte $00
$64FE 18     CLC
$64FF      .byte $00,$00,$3C
$6502 66 6E  ROR $6E
$6504 6E 60 3E ROR $3E60

```

```
$6507      .byte $00,$FF
//-----
L_BRS_($650B)_($64F1) BAD
//-----
$6509 FE FE FE INC $FEFE,X
$650C FE FE FE INC $FEFE,X
$650F FE FF AA INC $AAFF,X
$6512 AA    TAX
$6513 AA    TAX
$6514 AA    TAX
$6515 AA    TAX
$6516 AA    TAX
$6517 AA    TAX
$6518      .byte $FF
$6519 A8    TAY
$651A      .byte $AB
$651B A8    TAY
$651C      .byte $AB
$651D A8    TAY
$651E      .byte $AB
$651F A8    TAY
$6520 FE FE FE INC $FEFE,X
$6523 FE FE FE INC $FEFE,X
$6526 FE FE AA INC $AAFE,X
$6529 A8    TAY
$652A      .byte $AB
$652B A8    TAY
$652C      .byte $AB
$652D A8    TAY
```

```
$652E    .byte $AB
$652F A8    TAY
$6530 AA    TAX
$6531 FE FE FE INC $FEFE,X
$6534 FE FE FE INC $FEFE,X
$6537 FE AB A8 INC $A8AB,X
$653A    .byte $AB
$653B A8    TAY
$653C    .byte $AB
$653D A8    TAY
$653E    .byte $AB
$653F A8    TAY
$6540    .byte $AB
$6541 AA    TAX
$6542 AA    TAX
$6543 AA    TAX
$6544 AA    TAX
$6545 AA    TAX
$6546 AA    TAX
$6547 AA    TAX
$6548 FE AA AA INC $AAAA,X
$654B AA    TAX
//-----
L_BRS_($654C)_($659A) OK
//-----
$654C AA    TAX
$654D AA    TAX
$654E AA    TAX
$654F AA    TAX
```



```

$6550 FE FC F3 INC $F3FC,X
$6553 .byte $FC,$F3
//-----
L_BRS_($6557)_($64F5) BAD
//-----
$6555 CC 33 CC CPY $CC33
$6558 AA TAX
$6559 CC 33 CC CPY $CC33
//-----
L_BRS_($655C)_($65AA) JAM
//-----
$655C .byte $33
$655D CC 33 CC CPY $CC33
$6560 .byte $AB
$6561 CC 33 CC CPY $CC33
$6564 .byte $33
$6565 CC 33 CC CPY $CC33
$6568 55 56 EOR $56,X
$656A .byte $57,$57,$5F,$77,$7F,$7F,$00,$00
$6572 .byte $00,$00,$00,$00,$00,$00,$00,$00
$657A .byte $00,$00,$00,$00,$00,$00,$DF,$D4
$6582 .byte $DB,$DB,$DB,$DB,$74,$5F
$6588 30 30 BMI L_BRS_($65BA)_($6588) OK
//-----
L_BRS_($658A)_($6598) OK
//-----
$658A 30 30 BMI L_BRS_($65BC)_($658A) OK
$658C 30 31 BMI L_BRS_($65BF)_($658C) BAD
//-----

```

```

L_BRS_($658F)_($659C) BAD
//-----
$658E C5 55  CMP $55
$6590      .byte $FA
$6591 E6 EE  INC $EE
$6593      .byte $EB
$6594 EA    NOP
$6595      .byte $FF,$7F,$5F
$6598 F0 F0  BEQ L_BRS_($658A)_($6598) OK
//-----
L_BRS_($659A)_($65A8) OK
//-----
$659A B0 B0  BCS L_BRS_($654C)_($659A) OK
$659C B0 F1  BCS L_BRS_($658F)_($659C) BAD
//-----
L_BRS_($659F)_($65AC) BAD
//-----
$659E C5 55  CMP $55
$65A0      .byte $FA,$FA,$FA
$65A3 EA    NOP
$65A4 EA    NOP
$65A5      .byte $FA,$7F,$5F
$65A8 F0 F0  BEQ L_BRS_($659A)_($65A8) OK
$65AA F0 B0  BEQ L_BRS_($655C)_($65AA) JAM
$65AC B0 F1  BCS L_BRS_($659F)_($65AC) BAD
//-----
L_BRS_($65AF)_($65BC) BAD
//-----
$65AE C5 55  CMP $55

```

```
$65B0 E4 FB  CPX $FB
$65B2      .byte $DB,$DB,$DB,$F4,$7F,$5F
$65B8 F0 30  BEQ L_BRS_($65EA)_($65B8) OK
//-----
L_BRS_($65BA)_($6588) OK
L_BRS_($65BA)_($65C8) OK
//-----
$65BA 30 30  BMI L_BRS_($65EC)_($65BA) OK
//-----
L_BRS_($65BC)_($658A) OK
L_BRS_($65BC)_($65CA) OK
//-----
$65BC 30 F1  BMI L_BRS_($65AF)_($65BC) BAD
//-----
L_BRS_($65BF)_($658C) BAD
L_BRS_($65BF)_($65CC) BAD
//-----
$65BE C5 55  CMP $55
$65C0      .byte $FB,$EF,$FB
$65C3 FE FB FE INC $FEFB,X
$65C6      .byte $7F,$5F
$65C8 F0 F0  BEQ L_BRS_($65BA)_($65C8) OK
//-----
L_BRS_($65CA)_($65D8) OK
//-----
$65CA F0 F0  BEQ L_BRS_($65BC)_($65CA) OK
//-----
L_BRS_($65CC)_($65DA) OK
//-----
```

```

$65CC F0 F1  BEQ L_BRS_($65BF)_($65CC) BAD
//-----
L_BRS_($65CF)_($65DC) BAD
//-----
$65CE C5 55  CMP $55
$65D0      .byte $FF
$65D1 FE FB CF  INC $CFFB,X
$65D4      .byte $0F,$3F,$7F,$5F
$65D8 B0 F0  BCS L_BRS_($65CA)_($65D8) OK
$65DA F0 F0  BEQ L_BRS_($65CC)_($65DA) OK
$65DC F0 F1  BEQ L_BRS_($65CF)_($65DC) BAD
$65DE C5 55  CMP $55
$65E0      .byte $00
$65E1 40     RTI
//-----
$65E2 60     RTS
//-----
$65E3 30 18  BMI L_BRS_($65FD)_($65E3) JAM
$65E5      .byte $0C
$65E6 06 00  ASL $00
$65E8      .byte $00
$65E9 78     SEI
//-----
L_BRS_($65EA)_($65B8) OK
//-----
$65EA 18     CLC
$65EB 18     CLC
//-----
L_BRS_($65EC)_($65BA) OK

```

```

//-----
$65EC 18    CLC
$65ED 18    CLC
$65EE 78    SEI
$65EF      .byte $00,$00
$65F1 08    PHP
$65F2      .byte $1C
$65F3 36 63  ROL $63,X
$65F5      .byte $00,$00,$00,$00,$00,$00,$00,$00
//-----
L_BRS_($65FD)_($65E3) JAM
//-----
$65FD      .byte $00,$FF,$00,$00
$6601 20 B8 B8 JSR $B8B8
$6604      .byte $B8,$B8
$6606 20 00 AA JSR $AA00
$6609      .byte $BF
$660A AE 2E 2E LDX $2E2E
$660D 2E 2E 2E ROL $2E2E
$6610      .byte $80,$80,$80,$00,$00,$00,$00,$00
$6618 AA    TAX
$6619      .byte $BF
$661A AE 2E 2E LDX $2E2E
$661D 2E 2E 2F ROL $2F2E
$6620 A8    TAY
$6621      .byte $F8,$B8
$6623 28    PLP
$6624      .byte $00
$6625 28    PLP

```

```
$6626      .byte $B8,$F8
$6628 A8    TAY
$6629      .byte $B8,$B8,$B8
$662C 2E 2E 2E ROL $2E2E
$662F 2E A8 B8 ROL $B8A8
$6632      .byte $B8,$B8
$6634 E0 E0  CPX #E0
$6636 E0 E0  CPX #E0
$6638 0A    ASL A
$6639      .byte $2F
$663A BE B8 B8 LDX $B8B8,Y
$663D      .byte $B8,$B8,$B8,$80
$6641 E0 F8  CPX #F8
$6643      .byte $B8,$B8,$B8,$B8,$B8
$6648 AA    TAX
$6649      .byte $BF,$BB,$BB,$AB,$0B,$0B,$0B
$6650 A8    TAY
$6651      .byte $F8,$B8,$B8
$6654 A8    TAY
$6655      .byte $80,$80,$80
$6658 AA    TAX
$6659      .byte $BF
$665A BA    TSX
$665B      .byte $B8,$B8,$B8
$665E BA    TSX
$665F      .byte $BF,$80
$6661 E0 F8  CPX #F8
$6663      .byte $B8,$B8,$B8,$F8
$6667 E0 0A  CPX #0A
```

```
$6669      .byte $2F
$666A BE B8 B8 LDX $B8B8,Y
$666D BE BF 2F LDX $2FBF,Y
$6670      .byte $80
$6671 E0 F8   CPX #F8
$6673      .byte $B8
$6674 A8     TAY
$6675      .byte $00,$80
$6677 E0 0A   CPX #0A
$6679      .byte $2F
$667A BE B8 B8 LDX $B8B8,Y
$667D      .byte $B8,$B8
$667F BA     TSX
$6680      .byte $80
$6681 E0 F8   CPX #F8
$6683      .byte $B8,$B8,$B8,$B8,$B8
$6688 A8     TAY
$6689      .byte $B8,$B8,$B8,$B8,$B8,$B8,$B8,$B8
$6690 A8     TAY
$6691      .byte $B8,$B8,$B8,$B8,$B8,$B8,$B8,$B8
$6698 AA     TAX
$6699      .byte $BF,$BB,$BB,$BB,$BB
$669E BA     TSX
$669F      .byte $B8
$66A0 A8     TAY
$66A1      .byte $F8,$B8,$B8,$B8,$B8,$B8,$B8,$B8
$66A8 AA     TAX
$66A9      .byte $BF
$66AA BA     TSX
```

```
$66AB AD 01 03 LDA $0301
$66AE      .byte $02
$66AF 06 A8  ASL $A8
$66B1      .byte $F8,$B8,$B8,$B8,$B8
$66B6 EC E4 7A CPX $7AE4
$66B9      .byte $EF
$66BA BE BB B9 LDX $B9BB,Y
$66BD B9 BE EF LDA $EFBE,Y
$66C0 B4 EC  LDY $EC,X
$66C2      .byte $F8,$B8,$B8,$B8,$F8
$66C7 EC 7A EF CPX $EF7A
$66CA BE BB B9 LDX $B9BB,Y
$66CD B9 BB BE LDA $BEBB,Y
$66D0 B4 EC  LDY $EC,X
$66D2      .byte $F8,$B8,$B8,$B8,$B8,$F8
$66D8 78   SEI
$66D9 60   RTS
//-----
$66DA 78   SEI
$66DB 60   RTS
//-----
$66DC 7E 18 1E ROR $1E18,X
$66DF      .byte $00,$00
$66E1 18   CLC
$66E2      .byte $3C
$66E3 7E 18 18 ROR $1818,X
$66E6 18   CLC
$66E7      .byte $00,$00
$66E9 18   CLC
```



```

$66EA 18    CLC
$66EB 18    CLC
$66EC 7E 3C 18 ROR $183C,X
$66EF      .byte $00,$00
$66F1 18    CLC
$66F2 30 7E   BMI L_BRS_($6772)_($66F2) JAM
$66F4 30 18   BMI L_BRS_($670E)_($66F4) BAD
$66F6      .byte $00,$00,$00
$66F9 18    CLC
$66FA      .byte $0C
$66FB 7E 0C 18 ROR $180C,X
$66FE      .byte $00,$00,$00
$6701 20 B8 B8 JSR $B8B8
$6704      .byte $B8,$B8
$6706 20 00 2E JSR L_JSR_($2E00)_($6706) OK
$6709 2E 2E 2E ROL $2E2E
//-----
L_BRS_($670E)_($66F4) BAD
//-----
$670C 2E AE BF ROL $BFAE
$670F AA     TAX
$6710      .byte $00,$00,$00,$00
$6714 28    PLP
$6715      .byte $B8,$F8
$6717 A8    TAY
$6718 2E 2E 2E ROL $2E2E
$671B 2E 2E AE ROL $AE2E
$671E      .byte $BF
$671F AA     TAX

```

```
$6720      .byte $B8
$6721 28    PLP
$6722      .byte $00,$00
$6724 28    PLP
$6725      .byte $B8,$F8
$6727 A8    TAY
$6728 2E 2E 0B ROL $0B2E
$672B      .byte $0B,$0B,$0B,$0B
$672F 0A    ASL A
$6730 E0 E0  CPX #E0
$6732      .byte $80,$80,$80,$80,$80,$80,$80,$80,$B8,$B8
$673A      .byte $B8,$B8,$B8
$673D BE 2F 0A LDX $0A2F,Y
$6740      .byte $B8,$B8,$B8,$B8,$B8,$B8,$F8
$6746 E0 80  CPX #80
$6748      .byte $0B,$0B,$0B,$0B,$0B,$0B,$2B,$2F
$674F 2A    ROL A
$6750      .byte $80,$80,$80,$80,$80
$6755 A0 E0  LDY #E0
$6757 A0 BA  LDY #BA
$6759      .byte $B8,$B8,$B8,$B8,$B8,$B8
$675F A8    TAY
$6760      .byte $F8,$B8,$B8,$B8,$B8,$B8,$B8,$B8
$6767 A8    TAY
$6768      .byte $0B,$02,$00
$676B A8    TAY
$676C      .byte $B8
$676D BE 2F 0A LDX $0A2F,Y
```

```
//-----
```

L_BRS_(\$6772)_(\$66F2) JAM

//-----

\$6770 .byte \$F8,\$F8,\$B8,\$B8,\$B8,\$F8
\$6776 E0 80 CPX #80
\$6778 .byte \$BF
\$6779 BA TSX
\$677A .byte \$B8,\$B8,\$B8,\$B8,\$B8
\$677F A8 TAY
\$6780 .byte \$F8,\$B8,\$B8,\$B8,\$B8,\$B8,\$B8
\$6787 A8 TAY
\$6788 .byte \$B8,\$B8,\$B8,\$B8,\$B8
\$678D BE 2F 0A LDX \$0A2F,Y
\$6790 .byte \$B8,\$B8,\$B8,\$B8,\$B8,\$F8,\$B8
\$6797 A8 TAY
\$6798 .byte \$B8,\$B8,\$B8,\$B8,\$B8,\$B8,\$B8
\$679F A8 TAY
\$67A0 .byte \$B8,\$B8,\$B8,\$B8,\$B8,\$B8,\$B8
\$67A7 A8 TAY
\$67A8 .byte \$02,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$67AF 0A ASL A
\$67B0 E0 80 CPX #80
\$67B2 .byte \$80,\$80,\$80,\$80,\$80,\$80,\$EF
\$67B9 BE B9 B9 LDX \$B9B9,Y
\$67BC .byte \$BB
\$67BD BE EF 7A LDX \$7AEF,Y
\$67C0 EC F8 B8 CPX \$B8F8
\$67C3 .byte \$B8,\$B8,\$F8
\$67C6 EC B4 EF CPX \$EFB4
\$67C9 .byte \$7A,\$00

```
$67CB A9 BB LDA #$BB
$67CD BE EF 7A LDX $7AEF,Y
$67D0      .byte $F8,$B8,$B8,$B8,$B8,$F8
$67D6 EC B4 00 CPX $00B4
$67D9 18    CLC
$67DA      .byte $3C
$67DB 7E 7E 18 ROR $187E,X
$67DE      .byte $3C,$00
//-----
L_BRS_($67E0)_($67FE) OK
//-----
$67E0 18    CLC
$67E1 18    CLC
$67E2 18    CLC
$67E3 18    CLC
$67E4 18    CLC
$67E5 18    CLC
$67E6 18    CLC
$67E7 18    CLC
$67E8      .byte $00
$67E9 7E 78 7C ROR $7C78,X
$67EC 6E 66 06 ROR $0666
$67EF      .byte $00
$67F0 08    PHP
$67F1 18    CLC
$67F2 38    SEC
$67F3 78    SEI
$67F4 38    SEC
$67F5 18    CLC
```

```

$67F6 08    PHP
$67F7      .byte $00
$67F8 10 18  BPL L_BRS_($6812)_($67F8) JAM
$67FA      .byte $1C
$67FB 1E 1C 18 ASL $181C,X
$67FE 10 E0  BPL L_BRS_($67E0)_($67FE) OK
$6800      .byte $FF,$FF,$FF,$FF,$FF,$FF,$FF,$FF
$6808      .byte $FF,$FF,$FF,$FF,$FF,$FF,$FF,$FF
//-----
L_BRS_($6812)_($67F8) JAM
//-----
$6810      .byte $FF,$FF,$FF,$FF,$FF,$FF,$FF,$FF
$6818      .byte $FF,$FF,$FF,$FF,$FF,$FF,$FF,$FF
$6820      .byte $FF,$FF,$FF,$FF,$FF,$FF,$FF,$FF
$6828      .byte $FF,$FF,$FF,$FF,$FF,$FF,$FF,$FF
$6830      .byte $FF,$FF,$FF,$FF,$FF,$FF,$FF,$FF
$6838      .byte $FF,$FF,$FF,$FF,$FF,$FF,$FF,$FF
$6840      .byte $FF,$FF,$FF,$FF,$FF,$FF,$FF,$FF
$6848      .byte $FF,$FF,$FF,$FF,$FF,$FF,$FF,$FF
$6850      .byte $FF,$FF,$FF,$FF,$FF,$00,$00,$00
$6858      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6860      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6868      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6870      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6878      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6880      .byte $0F
$6881 F0 00  BEQ L_BRS_($6883)_($6881) JAM
//-----
L_BRS_($6883)_($6881) JAM

```

//-----

```
$6883      .byte $3A
$6884 AC 00 EB LDY $EB00
$6887      .byte $EB,$00
$6889 EC 3B 00 CPX $003B
$688C EC 3B 00 CPX $003B
$688F EC 3B 00 CPX $003B
$6892 EC 3B 00 CPX $003B
$6895 EC 3B 00 CPX $003B
$6898 EC 3B 00 CPX $003B
$689B EC 3B 00 CPX $003B
$689E EC 3B 00 CPX $003B
$68A1 EC 3B 00 CPX $003B
$68A4 EC 3B 00 CPX $003B
$68A7      .byte $EB,$EB,$00,$3A
$68AB AC 00 0F LDY $0F00
$68AE F0 00 BEQ L_BRS_($68B0)_($68AE) JAM
```

//-----

L_BRS_(\$68B0)_(\$68AE) JAM

//-----

```
$68B0      .byte $00,$00,$00,$00,$00,$00,$00,$00
$68B8      .byte $00,$00,$00,$00,$00,$00,$00,$00
$68BF 84 03 STY $03
$68C1 C0 00 CPY # $00
$68C3 0E C0 00 ASL $00C0
$68C6      .byte $3A
$68C7 C0 00 CPY # $00
$68C9      .byte $3A
$68CA C0 00 CPY # $00
```

```

$68CC 3E C0 00 ROL $00C0,X
$68CF 0E C0 00 ASL $00C0
$68D2 0E C0 00 ASL $00C0
$68D5 0E C0 00 ASL $00C0
$68D8 0E C0 00 ASL $00C0
$68DB 0E C0 00 ASL $00C0
$68DE 0E C0 00 ASL $00C0
$68E1 0E C0 00 ASL $00C0
$68E4 0E C0 00 ASL $00C0
$68E7 3E F0 00 ROL $00F0,X
$68EA      .byte $3A
$68EB B0 00  BCS L_BRS_($68ED)_($68EB) JAM
//-----
L_BRS_($68ED)_($68EB) JAM
//-----
$68ED      .byte $3F
$68EE F0 00  BEQ L_BRS_($68F0)_($68EE) JAM
//-----
L_BRS_($68F0)_($68EE) JAM
//-----
$68F0      .byte $00,$00,$00,$00,$00,$00,$00,$00
$68F8      .byte $00,$00,$00,$00,$00,$00,$00
$68FF 84 0F  STY $0F
$6901 C0 00  CPY # $00
$6903      .byte $3A
$6904 B0 00  BCS L_BRS_($6906)_($6904) JAM
//-----
L_BRS_($6906)_($6904) JAM
//-----

```

```
$6906      .byte $EB
$6907 AC 00 EC LDY $EC00
$690A EC 00 FC CPX $FC00
$690D EC 00 00 CPX $0000
$6910 EC 00 00 CPX $0000
$6913 EC 00 03 CPX $0300
$6916 B0 00  BCS L_BRS_($6918)_($6916) OK
//-----
L_BRS_($6918)_($6916) OK
//-----
$6918 0E B0 00 ASL $00B0
$691B      .byte $3A
$691C C0 00  CPY # $00
$691E      .byte $3B,$00,$00
$6921 EC 00 00 CPX $0000
$6924 EC 3C 00 CPX $003C
$6927      .byte $EF
$6928 EC 00 EA CPX $EA00
$692B AC 00 FF LDY $FF00
$692E      .byte $FC,$00,$00,$00,$00,$00,$00,$00
$6936      .byte $00,$00,$00,$00,$00,$00,$00,$00
$693E      .byte $00
$693F 84 0F  STY $0F
$6941 C0 00  CPY # $00
$6943      .byte $3A
$6944 B0 00  BCS L_BRS_($6946)_($6944) JAM
//-----
L_BRS_($6946)_($6944) JAM
//-----
```



```
$6946      .byte $EB
$6947 AC 00 EC LDY $EC00
$694A EC 00 FC CPX $FC00
$694D EC 00 00 CPX $0000
$6950 EC 00 00 CPX $0000
$6953 EC 00 03 CPX $0300
$6956 B0 00   BCS L_BRS_($6958)_($6956) JAM
//-----
L_BRS_($6958)_($6956) JAM
//-----
$6958      .byte $03
$6959 B0 00   BCS L_BRS_($695B)_($6959) JAM
//-----
L_BRS_($695B)_($6959) JAM
//-----
$695B      .byte $00
$695C EC 00 00 CPX $0000
$695F EC 00 FC CPX $FC00
$6962 EC 00 EC CPX $EC00
$6965 EC 00 EB CPX $EB00
$6968 AC 00 3A LDY $3A00
$696B B0 00   BCS L_BRS_($696D)_($696B) JAM
//-----
L_BRS_($696D)_($696B) JAM
//-----
$696D      .byte $0F
$696E C0 00   CPY # $00
$6970      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6978      .byte $00,$00,$00,$00,$00,$00,$00,$00
```

```
$697F 84 00 STY $00
$6981 F0 00 BEQ L_BRS_($6983)_($6981) JAM
//-----
L_BRS_($6983)_($6981) JAM
//-----
$6983 .byte $00
$6984 F0 00 BEQ L_BRS_($6986)_($6984) JAM
//-----
L_BRS_($6986)_($6984) JAM
//-----
$6986 .byte $03
$6987 B0 00 BCS L_BRS_($6989)_($6987) JAM
//-----
L_BRS_($6989)_($6987) JAM
//-----
$6989 .byte $03
$698A B0 00 BCS L_BRS_($698C)_($698A) OK
//-----
L_BRS_($698C)_($698A) OK
//-----
$698C 0E B0 00 ASL $00B0
$698F 0E B0 00 ASL $00B0
$6992 .byte $3B
$6993 B0 00 BCS L_BRS_($6995)_($6993) JAM
//-----
L_BRS_($6995)_($6993) JAM
//-----
$6995 .byte $3B
$6996 B0 00 BCS L_BRS_($6998)_($6996) JAM
```

```

//-----
L_BRS_($6998)_($6996) JAM
//-----
$6998      .byte $EF
$6999 BC 00 EA LDY $EA00,X
$699C AC 00 FF LDY $FF00
$699F BC 00 03 LDY $0300,X
$69A2 B0 00  BCS L_BRS_($69A4)_($69A2) JAM
//-----
L_BRS_($69A4)_($69A2) JAM
//-----
$69A4      .byte $03
$69A5 B0 00  BCS L_BRS_($69A7)_($69A5) JAM
//-----
L_BRS_($69A7)_($69A5) JAM
//-----
$69A7      .byte $0F
$69A8 BC 00 0E LDY $0E00,X
$69AB AC 00 0F LDY $0F00
$69AE      .byte $FC,$00,$00,$00,$00,$00,$00,$00
$69B6      .byte $00,$00,$00,$00,$00,$00,$00,$00
$69BE      .byte $00
$69BF 84 FF  STY $FF
$69C1      .byte $FC,$00
$69C3 EA    NOP
$69C4 AC 00 EF LDY $EF00
$69C7 EC 00 EC CPX $EC00
$69CA      .byte $3C,$00
$69CC EC 00 00 CPX $0000

```

```

$69CF EC 00 00 CPX $0000
$69D2      .byte $EF
$69D3 C0 00  CPY # $00
$69D5 EA    NOP
$69D6 B0 00  BCS L_BRS_($69D8)_($69D6) JAM
//-----
L_BRS_($69D8)_($69D6) JAM
//-----
$69D8      .byte $EF
$69D9 AC 00 F0 LDY $F000
$69DC EC 00 00 CPX $0000
$69DF EC 00 FC CPX $FC00
$69E2 EC 00 EC CPX $EC00
$69E5 EC 00 EB CPX $EB00
$69E8 AC 00 3A LDY $3A00
$69EB B0 00  BCS L_BRS_($69ED)_($69EB) JAM
//-----
L_BRS_($69ED)_($69EB) JAM
//-----
$69ED      .byte $0F
$69EE C0 00  CPY # $00
$69F0      .byte $00,$00,$00,$00,$00,$00,$00,$00
$69F8      .byte $00,$00,$00,$00,$00,$00,$00,$00
$69FF 84 0F  STY $0F
$6A01 C0 00  CPY # $00
$6A03      .byte $3A
$6A04 B0 00  BCS L_BRS_($6A06)_($6A04) JAM
//-----
L_BRS_($6A06)_($6A04) JAM

```

```

//-----
$6A06      .byte $EB
$6A07 AC 00 EC LDY $EC00
$6A0A EC 00 EC CPX $EC00
$6A0D      .byte $FC,$00
$6A0F EC 00 00 CPX $0000
$6A12      .byte $EF
$6A13 C0 00  CPY #$00
$6A15 EA    NOP
$6A16 B0 00  BCS L_BRS_($6A18)_($6A16) JAM
//-----
L_BRS_($6A18)_($6A16) JAM
//-----
$6A18      .byte $EF
$6A19 AC 00 EC LDY $EC00
$6A1C EC 00 EC CPX $EC00
$6A1F EC 00 EC CPX $EC00
$6A22 EC 00 EC CPX $EC00
$6A25 EC 00 EB CPX $EB00
$6A28 AC 00 3A LDY $3A00
$6A2B B0 00  BCS L_BRS_($6A2D)_($6A2B) JAM
//-----
L_BRS_($6A2D)_($6A2B) JAM
//-----
$6A2D      .byte $0F
$6A2E C0 00  CPY #$00
$6A30      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6A38      .byte $00,$00,$00,$00,$00,$00,$00
$6A3F 84 FF  STY $FF

```

```
$6A41      .byte $FC,$00
$6A43 EA    NOP
$6A44 AC 00 EF LDY $EF00
$6A47 EC 00 F0 CPX $F000
$6A4A EC 00 00 CPX $0000
$6A4D EC 00 00 CPX $0000
$6A50 EC 00 03 CPX $0300
$6A53 B0 00  BCS L_BRS_($6A55)_($6A53) JAM
//-----
L_BRS_($6A55)_($6A53) JAM
//-----
$6A55      .byte $03
$6A56 B0 00  BCS L_BRS_($6A58)_($6A56) JAM
//-----
L_BRS_($6A58)_($6A56) JAM
//-----
$6A58      .byte $03
$6A59 B0 00  BCS L_BRS_($6A5B)_($6A59) OK
//-----
L_BRS_($6A5B)_($6A59) OK
//-----
$6A5B 0E C0 00 ASL $00C0
$6A5E 0E C0 00 ASL $00C0
$6A61 0E C0 00 ASL $00C0
$6A64 0E C0 00 ASL $00C0
$6A67 0E C0 00 ASL $00C0
$6A6A 0E C0 00 ASL $00C0
$6A6D      .byte $0F
$6A6E C0 00  CPY # $00
```

```

$6A70      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6A78      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6A7F 84 0F   STY $0F
$6A81 C0 00   CPY #00
$6A83      .byte $3A
$6A84 B0 00   BCS L_BRS_($6A86)_($6A84) JAM
//-----
L_BRS_($6A86)_($6A84) JAM
//-----
$6A86      .byte $EB
$6A87 AC 00 EC LDY $EC00
$6A8A EC 00 EC CPX $EC00
$6A8D EC 00 EC CPX $EC00
$6A90 EC 00 EB CPX $EB00
$6A93 AC 00 3A LDY $3A00
$6A96 B0 00   BCS L_BRS_($6A98)_($6A96) JAM
//-----
L_BRS_($6A98)_($6A96) JAM
//-----
$6A98      .byte $3A
$6A99 B0 00   BCS L_BRS_($6A9B)_($6A99) JAM
//-----
L_BRS_($6A9B)_($6A99) JAM
//-----
$6A9B      .byte $EB
$6A9C AC 00 EC LDY $EC00
$6A9F EC 00 EC CPX $EC00
$6AA2 EC 00 EC CPX $EC00
$6AA5 EC 00 EB CPX $EB00

```

```
$6AA8 AC 00 3A LDY $3A00
$6AAB B0 00 BCS L_BRS_($6AAD)_($6AAB) JAM
//-----
L_BRS_($6AAD)_($6AAB) JAM
//-----
$6AAD .byte $0F
$6AAE C0 00 CPY # $00
$6AB0 .byte $00,$00,$00,$00,$00,$00,$00,$00
$6AB8 .byte $00,$00,$00,$00,$00,$00,$00,$00
$6ABF 84 0F STY $0F
$6AC1 C0 00 CPY # $00
$6AC3 .byte $3A
$6AC4 B0 00 BCS L_BRS_($6AC6)_($6AC4) JAM
//-----
L_BRS_($6AC6)_($6AC4) JAM
//-----
$6AC6 .byte $EB
$6AC7 AC 00 EC LDY $EC00
$6ACA EC 00 EC CPX $EC00
$6ACD EC 00 EC CPX $EC00
$6AD0 EC 00 EC CPX $EC00
$6AD3 EC 00 EB CPX $EB00
$6AD6 EC 00 3A CPX $3A00
$6AD9 AC 00 0F LDY $0F00
$6ADC EC 00 00 CPX $0000
$6ADF EC 00 FC CPX $FC00
$6AE2 EC 00 EC CPX $EC00
$6AE5 EC 00 EB CPX $EB00
$6AE8 AC 00 3A LDY $3A00
```



```

$6AEB B0 00  BCS L_BRS_($6AED)_($6AEB) JAM
//-----
L_BRS_($6AED)_($6AEB) JAM
//-----
$6AED      .byte $0F
$6AEE C0 00  CPY # $00
$6AF0      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6AF8      .byte $00,$00,$00,$00,$00,$00,$00
$6AFF 84 11  STY $11
$6B01      .byte $00,$00
$6B03 21 00  AND ($00,X)
$6B05      .byte $00
$6B06 28    PLP
$6B07      .byte $00,$00
$6B09 BE 00 00 LDX $0000,Y
$6B0C 28    PLP
$6B0D      .byte $00,$00
$6B0F 48    PHA
$6B10      .byte $00,$00
$6B12 48    PHA
$6B13      .byte $00,$00,$04,$00,$00,$00,$00,$00
$6B1B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6B23      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6B2B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6B33      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6B3B      .byte $00,$00,$00,$00,$87,$00,$00,$00
$6B43 20 00 00 JSR $0000
$6B46 B4 00  LDY $00,X
$6B48      .byte $00

```

\$6B49 A4 00 LDY \$00
\$6B4B .byte \$00
\$6B4C A4 00 LDY \$00
\$6B4E .byte \$00
\$6B4F 98 TYA
\$6B50 .byte \$00,\$00
\$6B52 20 00 00 JSR \$0000
\$6B55 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6B5D .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6B65 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6B6D .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6B75 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6B7D .byte \$00,\$00,\$87,\$00,\$00,\$00
\$6B83 24 00 BIT \$00
\$6B85 .byte \$00
\$6B86 B6 00 LDX \$00,Y
\$6B88 .byte \$00
\$6B89 E6 00 INC \$00
\$6B8B .byte \$00
\$6B8C A6 00 LDX \$00
\$6B8E .byte \$00
\$6B8F 96 00 STX \$00,Y
\$6B91 .byte \$00
\$6B92 18 CLC
\$6B93 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6B9B .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6BA3 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6BAB .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6BB3 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$6BBB .byte \$00,\$00,\$00,\$00,\$87
\$6BC0 28 PLP
\$6BC1 .byte \$00,\$00
\$6BC3 AA TAX
\$6BC4 .byte \$00,\$00
\$6BC6 E6 00 INC \$00
\$6BC8 .byte \$00
\$6BC9 E6 00 INC \$00
\$6BCB .byte \$00
\$6BCC A6 00 LDX \$00
\$6BCE .byte \$00
\$6BCF A6 00 LDX \$00
\$6BD1 .byte \$00
\$6BD2 96 00 STX \$00,Y
\$6BD4 .byte \$00
\$6BD5 28 PLP
\$6BD6 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6BDE .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6BE6 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6BEE .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6BF6 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6BFE .byte \$00,\$87,\$00,\$00,\$00,\$00,\$00,\$00
\$6C06 .byte \$00,\$00,\$00
\$6C09 01 40 ORA (\$40,X)
\$6C0B .byte \$00
\$6C0C 06 90 ASL \$90
\$6C0E .byte \$00,\$1A
\$6C10 40 RTI

//-----

```

$6C11      .byte $00
$6C12 19 50 00 ORA $0050,Y
$6C15 19 90 00 ORA $0090,Y
$6C18 16 90  ASL $90,X
$6C1A      .byte $00
$6C1B 06 50  ASL $50
$6C1D      .byte $00
$6C1E 01 40  ORA ($40,X)
$6C20      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6C28      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6C30      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6C38      .byte $00,$00,$00,$00,$00,$00,$00,$87
$6C40      .byte $00,$00,$00,$00,$00,$00
$6C46 05 00  ORA $00
$6C48      .byte $00,$1A
$6C4A 40    RTI
//-----
$6C4B      .byte $00
$6C4C 16 90  ASL $90,X
$6C4E      .byte $00
$6C4F 2A    ROL A
$6C50 50 00  BVC L_BRS_($6C52)_($6C50) OK
//-----
L_BRS_($6C52)_($6C50) OK
//-----
$6C52 29 54  AND #$54
$6C54      .byte $00
$6C55 29 A4  AND #$A4
$6C57      .byte $00

```

```
$6C58 16 A4 ASL $A4,X
$6C5A .byte $00
$6C5B 06 94 ASL $94
$6C5D .byte $00
$6C5E 0A ASL A
$6C5F .byte $54,$00
$6C61 06 40 ASL $40
$6C63 .byte $00
$6C64 01 40 ORA ($40,X)
$6C66 .byte $00,$00,$00,$00,$00,$00,$00,$00
$6C6E .byte $00,$00,$00,$00,$00,$00,$00,$00
$6C76 .byte $00,$00,$00,$00,$00,$00,$00,$00
$6C7E .byte $00,$87,$00,$00,$00
$6C83 05 50 ORA $50
$6C85 .byte $00,$1A
$6C87 90 00 BCC L_BRS_($6C89)_($6C87) JAM
//-----
L_BRS_($6C89)_($6C87) JAM
//-----
$6C89 .byte $1A
$6C8A 90 00 BCC L_BRS_($6C8C)_($6C8A) OK
//-----
L_BRS_($6C8C)_($6C8A) OK
//-----
$6C8C 56 50 LSR $50,X
$6C8E .byte $00
$6C8F 6A ROR A
$6C90 .byte $54,$00
$6C92 69 94 ADC # $94
```

```
$6C94      .byte $00
$6C95 69 64  ADC #$64
$6C97      .byte $00
$6C98 65 A4  ADC $A4
$6C9A      .byte $00
$6C9B 16 A4  ASL $A4,X
$6C9D      .byte $00,$02,$54,$00
$6CA1 06 40  ASL $40
$6CA3      .byte $00
$6CA4 0A    ASL A
$6CA5 40    RTI
//-----
$6CA6      .byte $00
$6CA7 05 40  ORA $40
$6CA9      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6CB1      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6CB9      .byte $00,$00,$00,$00,$00,$00,$87
$6CC0 05 40  ORA $40
$6CC2      .byte $00,$1A
$6CC4 94 00  STY $00,X
$6CC6      .byte $1A
$6CC7 94 00  STY $00,X
$6CC9      .byte $5A,$54,$00
$6CCC 56 50  LSR $50,X
$6CCE      .byte $00
$6CCF A5 54  LDA $54
$6CD1      .byte $00
$6CD2 A9 94  LDA #$94
$6CD4      .byte $00
```

\$6CD5 A9 94 LDA #\$94
\$6CD7 .byte \$00
\$6CD8 A6 64 LDX \$64
\$6CDA .byte \$00
\$6CDB 95 A4 STA \$A4,X
\$6CDD .byte \$00
\$6CDE 56 A4 LSR \$A4,X
\$6CE0 .byte \$00
\$6CE1 29 A4 AND #\$A4
\$6CE3 .byte \$00,\$1A
\$6CE5 94 00 STY \$00,X
\$6CE7 05 90 ORA \$90
\$6CE9 .byte \$00
\$6CEA 01 50 ORA (\$50,X)
\$6CEC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6CF4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6CFC .byte \$00,\$00,\$00,\$87
\$6D00 06 50 ASL \$50
\$6D02 .byte \$00,\$1A
\$6D04 A4 00 LDY \$00
\$6D06 .byte \$5A
\$6D07 A4 00 LDY \$00
\$6D09 96 95 STX \$95,Y
\$6D0B .byte \$00
\$6D0C A6 55 LDX \$55
\$6D0E .byte \$00
\$6D0F A5 65 LDA \$65
\$6D11 .byte \$00
\$6D12 A9 A5 LDA #\$A5

```
$6D14      .byte $00
$6D15 A5 94  LDA $94
$6D17      .byte $00
$6D18 A5 65  LDA $65
$6D1A      .byte $00
$6D1B 95 69  STA $69,X
$6D1D      .byte $00
$6D1E 55 A9  EOR $A9,X
$6D20      .byte $00
$6D21 69 A9  ADC #$A9
$6D23      .byte $00
$6D24 29 A5  AND #$A5
$6D26      .byte $00
$6D27 29 95  AND #$95
$6D29      .byte $00
$6D2A 19 54 00 ORA $0054,Y
$6D2D 05 40  ORA $40
$6D2F      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6D37      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6D3F      .byte $87
$6D40 06 90  ASL $90
$6D42      .byte $00,$1A
$6D44 A4 00  LDY $00
$6D46      .byte $5A
$6D47 A4 00  LDY $00
$6D49 96 95  STX $95,Y
$6D4B      .byte $00
$6D4C A6 59  LDX $59
$6D4E      .byte $00
```


\$6D4F 95 69 STA \$69,X
\$6D51 .byte \$00
\$6D52 9A TXS
\$6D53 65 00 ADC \$00
\$6D55 99 54 00 STA \$0054,Y
\$6D58 A6 59 LDX \$59
\$6D5A .byte \$00
\$6D5B 96 69 STX \$69,Y
\$6D5D .byte \$00
\$6D5E 56 69 LSR \$69,X
\$6D60 .byte \$00
\$6D61 65 69 ADC \$69
\$6D63 .byte \$00
\$6D64 69 A9 ADC #A9
\$6D66 .byte \$00
\$6D67 29 A5 AND #A5
\$6D69 .byte \$00
\$6D6A 29 94 AND #94
\$6D6C .byte \$00
\$6D6D 15 40 ORA \$40,X
\$6D6F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6D77 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6D7F .byte \$87,\$00,\$FF,\$00,\$FF,\$00,\$FF,\$00
\$6D87 .byte \$FF,\$00,\$FF,\$00,\$FF,\$00,\$FF,\$00
\$6D8F .byte \$FF,\$00,\$FF,\$00,\$FF,\$00,\$FF,\$00
\$6D97 .byte \$FF,\$00,\$FF,\$00,\$FF,\$00,\$FF,\$00
\$6D9F .byte \$FF,\$00,\$FF,\$00,\$FF,\$00,\$FF,\$00
\$6DA7 .byte \$FF,\$00,\$FF,\$00,\$FF,\$00,\$FF,\$00
\$6DAF .byte \$FF,\$00,\$FF,\$00,\$FF,\$00,\$FF,\$00

\$6DB7 .byte \$FF,\$00,\$FF,\$00,\$FF,\$00,\$FF,\$00
\$6DBF .byte \$FF,\$00,\$FF,\$00,\$FF,\$00,\$FF,\$00
\$6DC7 .byte \$FF,\$00,\$FF,\$00,\$FF,\$00,\$FF,\$00
\$6DCF .byte \$FF,\$00,\$FF,\$00,\$FF,\$00,\$FF,\$00
\$6DD7 .byte \$FF,\$00,\$FF,\$00,\$FF,\$00,\$FF,\$00
\$6DDF .byte \$FF,\$00,\$FF,\$00,\$FF,\$00,\$FF,\$00
\$6DE7 .byte \$FF,\$00,\$FF,\$00,\$FF,\$00,\$FF,\$00
\$6DEF .byte \$FF,\$00,\$FF,\$00,\$FF,\$00,\$FF,\$00
\$6DF7 .byte \$FF,\$00,\$FF,\$00,\$FF,\$00,\$FF
\$6DFE 98 TYA
\$6DFF .byte \$23
\$6E00 7D 00 00 ADC \$0000,X
\$6E03 .byte \$AF,\$00,\$00
\$6E06 6A ROR A
\$6E07 .byte \$00,\$00
\$6E09 69 00 ADC #\$00
\$6E0B .byte \$00
\$6E0C 59 00 00 EOR \$0000,Y
\$6E0F 65 00 ADC \$00
\$6E11 .byte \$00
\$6E12 15 00 ORA \$00,X
\$6E14 .byte \$00,\$44,\$00,\$00,\$00,\$00,\$00,\$00
\$6E1C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6E24 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6E2C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6E34 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6E3C .byte \$00,\$00,\$00,\$87
\$6E40 1E 00 00 ASL \$0000,X
\$6E43 .byte \$6B,\$00,\$00,\$5A,\$00,\$00

```
$6E49 25 00  AND $00
$6E4B      .byte $00
$6E4C 55 00  EOR $00,X
$6E4E      .byte $00,$54,$00,$00,$14,$00,$00
$6E55 50 00  BVC L_BRS_($6E57)_($6E55) JAM
//-----
L_BRS_($6E57)_($6E55) JAM
//-----
$6E57      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6E5F      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6E67      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6E6F      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6E77      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6E7F      .byte $87,$00,$00,$00
$6E83 55 00  EOR $00,X
$6E85      .byte $00,$5B,$00,$00,$AB,$00,$00,$5A
$6E8D      .byte $00,$00
$6E8F 55 00  EOR $00,X
$6E91      .byte $00
$6E92 15 00  ORA $00,X
$6E94      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6E9C      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6EA4      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6EAC      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6EB4      .byte $00,$00,$00,$00,$00,$00,$00,$00
$6EBC      .byte $00,$00,$00,$87,$54,$00,$00,$54
$6EC4      .byte $00,$00,$54,$00,$00
$6EC9 65 00  ADC $00
$6ECB      .byte $00
```

\$6ECC 59 00 00 EOR \$0000,Y
\$6ECF 6A ROR A
\$6ED0 .byte \$00,\$00,\$6F,\$00,\$00
\$6ED5 1D 00 00 ORA \$0000,X
\$6ED8 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6EE0 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6EE8 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6EF0 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6EF8 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$87
\$6F00 .byte \$14,\$00,\$00,\$14,\$00,\$00
\$6F06 55 00 EOR \$00,X
\$6F08 .byte \$00
\$6F09 65 00 ADC \$00
\$6F0B .byte \$00
\$6F0C 59 00 00 EOR \$0000,Y
\$6F0F 69 00 ADC # \$00
\$6F11 .byte \$00
\$6F12 6D 00 00 ADC \$0000
\$6F15 .byte \$74,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6F1D .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6F25 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6F2D .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6F35 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6F3D .byte \$00,\$00,\$87
\$6F40 05 00 ORA \$00
\$6F42 .byte \$00
\$6F43 15 00 ORA \$00,X
\$6F45 .byte \$00
\$6F46 15 00 ORA \$00,X

\$6F48 .byte \$00
\$6F49 59 00 00 EOR \$0000,Y
\$6F4C .byte \$64,\$00,\$00
\$6F4F A5 00 LDA \$00
\$6F51 .byte \$00
\$6F52 E5 00 SBC \$00
\$6F54 .byte \$00,\$74,\$00,\$00,\$00,\$00,\$00,\$00
\$6F5C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6F64 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6F6C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6F74 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6F7C .byte \$00,\$00,\$00,\$87,\$00,\$00,\$00
\$6F83 65 00 ADC \$00
\$6F85 .byte \$00
\$6F86 B9 00 00 LDA \$0000,Y
\$6F89 E9 00 SBC # \$00
\$6F8B .byte \$00
\$6F8C E5 00 SBC \$00
\$6F8E .byte \$00
\$6F8F 59 00 00 EOR \$0000,Y
\$6F92 15 00 ORA \$00,X
\$6F94 .byte \$00
\$6F95 01 00 ORA (\$00,X)
\$6F97 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6F9F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6FA7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6FAF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6FB7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6FBF .byte \$87,\$74,\$00,\$00

\$6FC3 E4 00 CPX \$00
\$6FC5 .byte \$00
\$6FC6 A4 00 LDY \$00
\$6FC8 .byte \$00
\$6FC9 65 00 ADC \$00
\$6FCB .byte \$00
\$6FCC 59 00 00 EOR \$0000,Y
\$6FCF 55 00 EOR \$00,X
\$6FD1 .byte \$00
\$6FD2 15 00 ORA \$00,X
\$6FD4 .byte \$00
\$6FD5 05 00 ORA \$00
\$6FD7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6FDF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6FE7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6FEF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6FF7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$6FFF .byte \$87,\$02,\$00,\$00
\$7003 0A ASL A
\$7004 8C 00 0A STY \$0A00
\$7007 8C 00 0A STY \$0A00
\$700A 8C 00 1A STY \$1A00
\$700D .byte \$9C,\$00
\$700F 16 5C ASL \$5C,X
\$7011 .byte \$00
\$7012 15 50 ORA \$50,X
\$7014 .byte \$00
\$7015 25 60 AND \$60
\$7017 .byte \$00

```
$7018 06 40 ASL $40
$701A .byte $00
$701B 0A ASL A
$701C .byte $80,$00
$701E 0A ASL A
$701F .byte $80,$00
$7021 08 PHP
$7022 .byte $80,$00,$04
$7025 40 RTI
//-----
$7026 .byte $00
$7027 08 PHP
$7028 .byte $80,$00,$00,$00,$00,$00,$00,$00
$7030 .byte $00,$00,$00,$00,$00,$00,$00,$00
$7038 .byte $00,$00,$00,$00,$00,$00,$00,$00
$7040 .byte $02,$80,$00
$7043 0A ASL A
$7044 .byte $80,$00
$7046 0A ASL A
$7047 B0 00 BCS L_BRS_($7049)_($7047) OK
//-----
L_BRS_($7049)_($7047) OK
//-----
$7049 0A ASL A
$704A F0 00 BEQ L_BRS_($704C)_($704A) JAM
//-----
L_BRS_($704C)_($704A) JAM
//-----
$704C .byte $0B
```

\$704D B0 00 BCS L_BRS_(\$704F)_(\$704D) JAM

//-----

L_BRS_(\$704F)_(\$704D) JAM

//-----

\$704F .byte \$1B

\$7050 B0 00 BCS L_BRS_(\$7052)_(\$7050) JAM

//-----

L_BRS_(\$7052)_(\$7050) JAM

//-----

\$7052 .byte \$17

\$7053 50 00 BVC L_BRS_(\$7055)_(\$7053) OK

//-----

L_BRS_(\$7055)_(\$7053) OK

//-----

\$7055 16 70 ASL \$70,X

\$7057 .byte \$00

\$7058 2A ROL A

\$7059 70 00 BVS L_BRS_(\$705B)_(\$7059) OK

//-----

L_BRS_(\$705B)_(\$7059) OK

//-----

\$705B 0A ASL A

\$705C 40 RTI

//-----

\$705D .byte \$00

\$705E 0A ASL A

\$705F .byte \$80,\$00

\$7061 06 80 ASL \$80

\$7063 .byte \$00,\$04


```

$7065 40    RTI
//-----
$7066      .byte $00,$00
$7068 50 00  BVC L_BRS_($706A)_($7068) JAM
//-----
L_BRS_($706A)_($7068) JAM
//-----
$706A      .byte $00
$706B 40    RTI
//-----
$706C      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7074      .byte $00,$00,$00,$00,$00,$00,$00,$00
$707C      .byte $00,$00,$00,$00
$7080 0A    ASL A
$7081      .byte $00,$00
$7083 2A    ROL A
$7084      .byte $00,$00,$2B,$00,$00,$EF,$00,$00
$708C      .byte $FF,$00,$00,$FF,$00,$00
$7092 E6 80  INC $80
$7094      .byte $00
$7095 16 40  ASL $40,X
$7097      .byte $00
$7098 1D 40 00 ORA $0040,X
$709B 19 80 00 ORA $0080,Y
$709E      .byte $1B,$00,$00
$70A1 06 00  ASL $00
$70A3      .byte $00
$70A4 05 00  ORA $00
$70A6      .byte $00,$04,$00,$00

```

```

$70AA 05 00  ORA $00
$70AC      .byte $00,$00,$00,$00,$00,$00,$00,$00
$70B4      .byte $00,$00,$00,$00,$00,$00,$00,$00
$70BC      .byte $00,$00,$00,$00
$70C0 0A    ASL A
$70C1      .byte $00,$00
$70C3 2A    ROL A
$70C4      .byte $00,$00
$70C6 2D 00 00 AND $0000
$70C9 FD 00 00 SBC $0000,X
$70CC FD 00 00 SBC $0000,X
$70CF FE 80 00 INC $0080,X
$70D2 19 40 00 ORA $0040,Y
$70D5      .byte $1A
$70D6 40    RTI
//-----
$70D7      .byte $00
$70D8 35 40  AND $40,X
$70DA      .byte $00
$70DB 15 80  ORA $80,X
$70DD      .byte $00
$70DE 1E 00 00 ASL $0000,X
$70E1 29 00  AND # $00
$70E3      .byte $00
$70E4 19 80 00 ORA $0080,Y
$70E7      .byte $1A
$70E8 40    RTI
//-----
$70E9      .byte $00,$04,$00,$00,$00,$00,$00,$00

```

```

$70F1      .byte $00,$00,$00,$00,$00,$00,$00,$00
$70F9      .byte $00,$00,$00,$00,$00,$00,$00,$02
$7101      .byte $00,$00,$3A,$80,$00
$7106 35 40  AND $40,X
$7108      .byte $00
$7109 35 40  AND $40,X
$710B      .byte $00
$710C 39 80 00 AND $0080,Y
$710F 36 60  ROL $60,X
$7111      .byte $00
$7112 15 50  ORA $50,X
$7114      .byte $00
$7115 19 50 00 ORA $0050,Y
$7118      .byte $3A
$7119 60    RTS
//-----
$711A      .byte $00
$711B 15 60  ORA $60,X
$711D      .byte $00
$711E 15 60  ORA $60,X
//-----
L_BRS_($7122)_($7180) JAM
//-----
$7120      .byte $00,$3A,$80,$00
$7124 08    PHP
$7125      .byte $80,$00,$04
$7128 40    RTI
//-----
$7129      .byte $00,$00

```

```

$712B 40    RTI
//-----
$712C      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7134      .byte $00,$00,$00,$00,$00,$00,$00,$00
$713C      .byte $00,$00,$00,$00,$32,$80,$00
$7143 3E A0 00 ROL $00A0,X
$7146 3D 60 00 AND $0060,X
$7149 3D 60 00 AND $0060,X
$714C 0D A0 00 ORA $00A0
$714F 06 58   ASL $58
$7151      .byte $00
$7152 05 58   ORA $58
$7154      .byte $00
$7155 0D 98 00 ORA $0098
$7158 05 58   ORA $58
$715A      .byte $00
$715B 05 58   ORA $58
$715D      .byte $00
$715E 01 A0   ORA ($A0,X)
$7160      .byte $00
$7161 01 10   ORA ($10,X)
$7163      .byte $00
$7164 01 10   ORA ($10,X)
$7166      .byte $00
$7167 06 10   ASL $10
$7169      .byte $00,$00
$716B 60     RTS
//-----
$716C      .byte $00,$00,$00,$00,$00,$00,$00,$00

```

```
$7174      .byte $00,$00,$00,$00,$00,$00,$00,$00
$717C      .byte $00,$00,$00,$00
$7180 30 A0  BMI L_BRS_($7122)_($7180) JAM
$7182      .byte $00,$3F
$7184 A8    TAY
$7185      .byte $00,$3F
$7187 68    PLA
$7188      .byte $00,$3C
$718A 68    PLA
$718B      .byte $00,$04
$718D A8    TAY
$718E      .byte $00
$718F 06 54  ASL $54
$7191      .byte $00
$7192 0E 54 00 ASL $0054
$7195      .byte $0C
$7196 94 00  STY $00,X
$7198 05 58  ORA $58
$719A      .byte $00
$719B 05 50  ORA $50
$719D      .byte $00,$00
$719F A0 00  LDY #$00
$71A1      .byte $00
$71A2 90 00  BCC L_BRS_($71A4)_($71A2) JAM
//-----
L_BRS_($71A4)_($71A2) JAM
//-----
$71A4      .byte $00
$71A5 90 00  BCC L_BRS_($71A7)_($71A5) JAM
```

```

//-----
L_BRS_($71A7)_($71A5) JAM
//-----
$71A7      .byte $00
$71A8 90 00  BCC L_BRS_($71AA)_($71A8) JAM
//-----
L_BRS_($71AA)_($71A8) JAM
//-----
$71AA      .byte $00
$71AB 50 00  BVC L_BRS_($71AD)_($71AB) JAM
//-----
L_BRS_($71AD)_($71AB) JAM
//-----
$71AD      .byte $00,$00,$00,$00,$00,$00,$00,$00
$71B5      .byte $00,$00,$00,$00,$00,$00,$00,$00
$71BD      .byte $00,$00,$00,$02,$80,$00
$71C3 0E A0 00  ASL $00A0
$71C6 0E A0 00  ASL $00A0
$71C9 0E A0 00  ASL $00A0
$71CC      .byte $02
$71CD A0 00  LDY # $00
$71CF 0D 60 00  ORA $0060
$71D2 0E 50 00  ASL $0050
$71D5 15 50  ORA $50,X
$71D7      .byte $00
$71D8 15 60  ORA $60,X
$71DA      .byte $00,$02
$71DC A0 00  LDY # $00
$71DE 01 A0  ORA ($A0,X)

```

\$71E0 .byte \$00
\$71E1 01 20 ORA (\$20,X)
\$71E3 .byte \$00
\$71E4 01 20 ORA (\$20,X)
\$71E6 .byte \$00
\$71E7 05 00 ORA \$00
\$71E9 .byte \$00
\$71EA 01 00 ORA (\$00,X)
\$71EC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$71F4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$71FC .byte \$00,\$00,\$00,\$00,\$02,\$00,\$00
\$7203 0A ASL A
\$7204 .byte \$80,\$00
\$7206 0A ASL A
\$7207 8C 00 0A STY \$0A00
\$720A 8C 00 1A STY \$1A00
\$720D .byte \$9C,\$00
\$720F 16 5C ASL \$5C,X
\$7211 .byte \$00
\$7212 25 5C AND \$5C
\$7214 .byte \$00
\$7215 05 50 ORA \$50
\$7217 .byte \$00
\$7218 06 60 ASL \$60
\$721A .byte \$00
\$721B 0A ASL A
\$721C .byte \$80,\$00
\$721E 0A ASL A
\$721F .byte \$80,\$00

```

$7221 08    PHP
$7222      .byte $80,$00,$04,$80,$00,$04,$00,$00
$722A 08    PHP
$722B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7233      .byte $00,$00,$00,$00,$00,$00,$00,$00
$723B      .byte $00,$00,$00,$00,$00,$02,$80,$00
$7243 0A    ASL A
$7244      .byte $80,$00
$7246 0A    ASL A
$7247 C0 00  CPY # $00
$7249 0A    ASL A
$724A F0 00  BEQ L_BRS_($724C)_($724A) OK
//-----
L_BRS_($724C)_($724A) OK
//-----
$724C 0A    ASL A
$724D B0 00  BCS L_BRS_($724F)_($724D) JAM
//-----
L_BRS_($724F)_($724D) JAM
//-----
$724F      .byte $1B,$80,$00,$17
$7253 40    RTI
//-----
$7254      .byte $00,$27
$7256 50 00  BVC L_BRS_($7258)_($7256) OK
//-----
L_BRS_($7258)_($7256) OK
//-----
$7258 0A    ASL A

```



```
$7259 70 00  BVS L_BRS_($725B)_($7259) OK
//-----
L_BRS_($725B)_($7259) OK
//-----
$725B 0A    ASL A
$725C 60    RTS
//-----
$725D      .byte $00
$725E 0A    ASL A
$725F A0 00 LDY # $00
$7261 16 90 ASL $90,X
$7263      .byte $00
$7264 18    CLC
$7265 18    CLC
$7266      .byte $00,$04
$7268 10 00 BPL L_BRS_($726A)_($7268) JAM
//-----
L_BRS_($726A)_($7268) JAM
//-----
$726A      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7272      .byte $00,$00,$00,$00,$00,$00,$00,$00
$727A      .byte $00,$00,$00,$00,$00,$00
$7280 0A    ASL A
$7281      .byte $00,$00
$7283 2A    ROL A
$7284      .byte $00,$00,$3A
$7287 C0 00 CPY # $00
$7289      .byte $3F
$728A C0 00 CPY # $00
```

\$728C .byte \$3F
\$728D C0 00 CPY #\$00
\$728F .byte \$3A
\$7290 C0 00 CPY #\$00
\$7292 26 80 ROL \$80
\$7294 .byte \$00
\$7295 26 40 ROL \$40
\$7297 .byte \$00
\$7298 1D 40 00 ORA \$0040,X
\$729B 15 80 ORA \$80,X
\$729D .byte \$00
\$729E 16 00 ASL \$00,X
\$72A0 .byte \$00
\$72A1 29 00 AND #\$00
\$72A3 .byte \$00
\$72A4 19 00 00 ORA \$0000,Y
\$72A7 01 00 ORA (\$00,X)
\$72A9 .byte \$00
\$72AA 01 40 ORA (\$40,X)
\$72AC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$72B4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$72BC .byte \$00,\$00,\$00,\$00
\$72C0 0A ASL A
\$72C1 .byte \$00,\$00
\$72C3 2A ROL A
\$72C4 .byte \$00,\$00
\$72C6 E5 00 SBC \$00
\$72C8 .byte \$00
\$72C9 FD 00 00 SBC \$0000,X

```
$72CC FD 00 00 SBC $0000,X
$72CF FE 00 00 INC $0000,X
$72D2 1D 80 00 ORA $0080,X
$72D5      .byte $1A
$72D6 40    RTI
//-----
$72D7      .byte $00
$72D8 95 40 STA $40,X
$72DA      .byte $00
$72DB 55 80 EOR $80,X
$72DD      .byte $00
$72DE 6A    ROR A
$72DF      .byte $00,$00
$72E1 26 00 ROL $00
$72E3      .byte $00
$72E4 26 00 ROL $00
$72E6      .byte $00
$72E7 26 00 ROL $00
$72E9      .byte $00
$72EA 06 00 ASL $00
$72EC      .byte $00
$72ED 01 00 ORA ($00,X)
$72EF      .byte $00,$00,$00,$00,$00,$00,$00,$00
$72F7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$72FF      .byte $00,$32,$00,$00,$3A,$80,$00
$7306 35 40 AND $40,X
$7308      .byte $00
$7309 35 40 AND $40,X
$730B      .byte $00
```

```
$730C 39 80 00 AND $0080,Y
$730F 16 60 ASL $60,X
$7311 .byte $00
$7312 15 50 ORA $50,X
$7314 .byte $00,$3A
$7316 50 00 BVC L_BRS_($7318)_($7316) OK
//-----
L_BRS_($7318)_($7316) OK
//-----
$7318 15 50 ORA $50,X
$731A .byte $00
$731B 19 60 00 ORA $0060,Y
$731E .byte $3A
$731F A0 00 LDY #$00
$7321 0A ASL A
$7322 .byte $80,$00
$7324 08 PHP
$7325 .byte $80,$00,$04,$00,$00,$04,$00,$00
$732D .byte $04,$00,$00,$00,$00,$00,$00,$00,$00
$7335 .byte $00,$00,$00,$00,$00,$00,$00,$00,$00
$733D .byte $00,$00,$00
$7340 0E 80 00 ASL $0080
$7343 0E A0 00 ASL $00A0
$7346 0D 60 00 ORA $0060
$7349 0D 60 00 ORA $0060
$734C 0D A0 00 ORA $00A0
$734F 06 58 ASL $58
$7351 .byte $00
$7352 05 98 ORA $98
```

\$7354 .byte \$00
\$7355 39 58 00 AND \$0058,Y
\$7358 15 60 ORA \$60,X
\$735A .byte \$00
\$735B 19 A0 00 ORA \$00A0,Y
\$735E 0A ASL A
\$735F A0 00 LDY #\$00
\$7361 09 28 ORA #\$28
\$7363 .byte \$00
\$7364 06 04 ASL \$04
\$7366 .byte \$00,\$04,\$04,\$00,\$00,\$00,\$00,\$00
\$736E .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7376 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$737E .byte \$00,\$00,\$0C
\$7381 A0 00 LDY #\$00
\$7383 .byte \$0F
\$7384 A8 TAY
\$7385 .byte \$00,\$0F
\$7387 68 PLA
\$7388 .byte \$00,\$0F
\$738A 68 PLA
\$738B .byte \$00
\$738C 05 A8 ORA \$A8
\$738E .byte \$00
\$738F 06 54 ASL \$54
\$7391 .byte \$00
\$7392 0E 54 00 ASL \$0054
\$7395 38 SEC
\$7396 94 00 STY \$00,X

\$7398 15 58 ORA \$58,X
\$739A .byte \$00
\$739B 19 68 00 ORA \$0068,Y
\$739E .byte \$00
\$739F A8 TAY
\$73A0 .byte \$00,\$00
\$73A2 98 TYA
\$73A3 .byte \$00
\$73A4 01 84 ORA (\$84,X)
\$73A6 .byte \$00,\$00,\$04,\$00,\$00
\$73AB 18 CLC
\$73AC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$73B4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$73BC .byte \$00,\$00,\$00,\$00,\$02,\$80,\$00,\$02
\$73C4 A0 00 LDY #\$00
\$73C6 0E A0 00 ASL \$00A0
\$73C9 0E A0 00 ASL \$00A0
\$73CC 0A ASL A
\$73CD A0 00 LDY #\$00
\$73CF 2D 60 00 AND \$0060
\$73D2 59 50 00 EOR \$0050,Y
\$73D5 65 50 ADC \$50
\$73D7 .byte \$00
\$73D8 05 60 ORA \$60
\$73DA .byte \$00,\$02
\$73DC A0 00 LDY #\$00
\$73DE 01 80 ORA (\$80,X)
\$73E0 .byte \$00
\$73E1 01 40 ORA (\$40,X)

```
$73E3      .byte $00,$02
$73E5 40    RTI
//-----
$73E6      .byte $00,$00
$73E8 40    RTI
//-----
$73E9      .byte $00
$73EA 01 80  ORA ($80,X)
$73EC      .byte $00,$00,$00,$00,$00,$00,$00,$00
$73F4      .byte $00,$00,$00,$00,$00,$00,$00,$00
$73FC      .byte $00,$00,$00,$00,$02,$0C,$00
$7403 0A    ASL A
$7404 8C 00 0A STY $0A00
$7407 8C 00 0A STY $0A00
$740A AC 00 1A LDY $1A00
$740D      .byte $9C,$00
$740F 16 50  ASL $50,X
$7411      .byte $00
$7412 15 60  ORA $60,X
$7414      .byte $00
$7415 15 40  ORA $40,X
$7417      .byte $00
$7418 26 40  ROL $40
$741A      .byte $00
$741B 0A    ASL A
$741C      .byte $80,$00
$741E 0A    ASL A
$741F      .byte $80,$00
$7421 08    PHP
```

```

$7422      .byte $80,$00
$7424 08   PHP
$7425 40   RTI
//-----
$7426      .byte $00,$00
$7428 40   RTI
//-----
$7429      .byte $00,$00,$80,$00,$00,$00,$00,$00
$7431      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7439      .byte $00,$00,$00,$00,$00,$00,$00,$02
$7441      .byte $80,$00
$7443 0A   ASL A
$7444      .byte $80,$00
$7446 0A   ASL A
$7447 A0 00 LDY #00
$7449 0A   ASL A
$744A      .byte $FC,$00
$744C 0A   ASL A
$744D EC 00 1A CPX $1A00
$7450 EC 00 15 CPX $1500
$7453 50 00 BVC L_BRS_($7455)_($7453) OK
//-----
L_BRS_($7455)_($7453) OK
//-----
$7455 16 70 ASL $70,X
$7457      .byte $00,$1A
$7459 60   RTS
//-----
$745A      .byte $00

```



```

$745B 2A    ROL A
$745C      .byte $80,$00
$745E 0A    ASL A
$745F 40    RTI
//-----
$7460      .byte $00,$02
$7462 60    RTS
//-----
$7463      .byte $00
$7464 01 40  ORA ($40,X)
$7466      .byte $00
$7467 01 80  ORA ($80,X)
$7469      .byte $00
$746A 01 40  ORA ($40,X)
$746C      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7474      .byte $00,$00,$00,$00,$00,$00,$00,$00
$747C      .byte $00,$00,$00,$00
$7480 0A    ASL A
$7481      .byte $00,$00
$7483 2A    ROL A
$7484      .byte $00,$00
$7486 2E 00 00 ROL $0000
$7489      .byte $2F,$00,$00,$3F,$00,$00
$748F FE 00 00 INC $0000,X
$7492 F6 80  INC $80,X
$7494      .byte $00
$7495 F6 40  INC $40,X
$7497      .byte $00
$7498 39 40 00 AND $0040,Y

```

```
$749B 19 80 00 ORA $0080,Y
$749E      .byte $1B,$00,$00
$74A1 26 00  ROL $00
$74A3      .byte $00,$1A
$74A5 40    RTI
//-----
$74A6      .byte $00
$74A7 18    CLC
$74A8      .byte $00,$00,$04,$00,$00,$00,$00,$00
$74B0      .byte $00,$00,$00,$00,$00,$00,$00,$00
$74B8      .byte $00,$00,$00,$00,$00,$00,$00,$00
$74C0 0A    ASL A
$74C1      .byte $00,$00
$74C3 2A    ROL A
$74C4      .byte $00,$00
$74C6 3D 00 00 AND $0000,X
$74C9 3D 00 00 AND $0000,X
$74CC FD 80 00 SBC $0080,X
$74CF      .byte $FA
$74D0 40    RTI
//-----
$74D1      .byte $00
$74D2 F9 40 00 SBC $0040,Y
$74D5 19 40 00 ORA $0040,Y
$74D8 16 40  ASL $40,X
$74DA      .byte $00
$74DB 25 80  AND $80
$74DD      .byte $00
$74DE 19 80 00 ORA $0080,Y
```

```

$74E1      .byte $62,$80,$00
$74E4 60   RTS
//-----
$74E5 40   RTI
//-----
$74E6      .byte $00
$74E7 10 50 BPL L_BRS_($7539)_($74E7) JAM
$74E9      .byte $00,$00
$74EB 40   RTI
//-----
$74EC      .byte $00,$00,$00,$00,$00,$00,$00,$00
$74F4      .byte $00,$00,$00,$00,$00,$00,$00,$00
$74FC      .byte $00,$00,$00,$00,$02,$00,$00
$7503 0A   ASL A
$7504      .byte $80,$00
$7506 35 40 AND $40,X
$7508      .byte $00
$7509 35 40 AND $40,X
$750B      .byte $00
$750C 39 80 00 AND $0080,Y
$750F 36 60 ROL $60,X
$7511      .byte $00
$7512 35 50 AND $50,X
$7514      .byte $00
$7515 19 50 00 ORA $0050,Y
$7518      .byte $1A
$7519 60   RTS
//-----
$751A      .byte $00

```

```
$751B 39 60 00 AND $0060,Y
$751E 15 60  ORA $60,X
$7520      .byte $00
$7521 19 80 00 ORA $0080,Y
$7524 08     PHP
$7525      .byte $80,$00,$00
$7528 40     RTI
//-----
$7529      .byte $00,$00
$752B 40     RTI
//-----
$752C      .byte $00,$00
$752E 40     RTI
//-----
$752F      .byte $00,$00,$00,$00,$00,$00,$00,$00,$00
//-----
L_BRS_($7539)_($74E7) JAM
//-----
$7537      .byte $00,$00,$00,$00,$00,$00,$00,$00,$00
$753F      .byte $00,$02,$80,$00,$32
$7544 A0 00   LDY #$00
$7546 3D 60 00 AND $0060,X
$7549 3D 60 00 AND $0060,X
$754C 3D A0 00 AND $00A0,X
$754F 0E 58 00 ASL $0058
$7552 05 54   ORA $54
$7554      .byte $00
$7555 05 64   ORA $64
$7557      .byte $00
```

```
$7558 0D 94 00 ORA $0094
$755B 05 58 ORA $58
$755D .byte $00
$755E 06 60 ASL $60
$7560 .byte $00,$00
$7562 A0 00 LDY #$00
$7564 .byte $00
$7565 68 PLA
$7566 .byte $00,$00
$7568 40 RTI
//-----
$7569 .byte $00,$00
$756B 40 RTI
//-----
$756C .byte $00
$756D 01 80 ORA ($80,X)
$756F .byte $00,$00,$00,$00,$00,$00,$00,$00,$00
$7577 .byte $00,$00,$00,$00,$00,$00,$00,$00,$00
$757F .byte $00
$7580 C0 A0 CPY #$A0
$7582 .byte $00,$FF
$7584 A8 TAY
$7585 .byte $00,$FF
$7587 68 PLA
$7588 .byte $00,$3F
$758A 68 PLA
$758B .byte $00,$04
$758D A8 TAY
$758E .byte $00
```

```
$758F 06 54 ASL $54
$7591 .byte $00
$7592 0E 54 00 ASL $0054
$7595 .byte $0B
$7596 94 00 STY $00,X
$7598 01 54 ORA ($54,X)
$759A .byte $00
$759B 01 94 ORA ($94,X)
$759D .byte $00,$00
$759F A8 TAY
$75A0 .byte $00,$00
$75A2 68 PLA
$75A3 .byte $00,$00,$44,$00,$00
$75A8 40 RTI
//-----
$75A9 .byte $00
$75AA 01 40 ORA ($40,X)
$75AC .byte $00,$00,$00,$00,$00,$00,$00,$00
$75B4 .byte $00,$00,$00,$00,$00,$00,$00,$00
$75BC .byte $00,$00,$00,$00,$02,$80,$00
$75C3 3E A0 00 ROL $00A0,X
$75C6 3E A0 00 ROL $00A0,X
$75C9 3E A0 00 ROL $00A0,X
$75CC 0A ASL A
$75CD A0 00 LDY #$00
$75CF 0D 60 00 ORA $0060
$75D2 0E 50 00 ASL $0050
$75D5 05 50 ORA $50
$75D7 .byte $00
```

\$75D8 06 50 ASL \$50
\$75DA .byte \$00,\$02
\$75DC A0 00 LDY #\$00
\$75DE 01 A0 ORA (\$A0,X)
\$75E0 .byte \$00
\$75E1 05 24 ORA \$24
\$75E3 .byte \$00,\$04
\$75E5 08 PHP
\$75E6 .byte \$00,\$14,\$00,\$00,\$04,\$00,\$00,\$00
\$75EE .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$75F6 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$75FE .byte \$00,\$00,\$D7,\$00,\$00,\$EB,\$00,\$00
\$7606 .byte \$EB,\$00,\$00,\$D7,\$00,\$00,\$14,\$00
\$760E .byte \$00,\$14,\$00,\$00,\$14,\$00,\$00,\$14
\$7616 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$761E .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7626 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$762E .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7636 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$763E .byte \$00
\$763F 8A TXA
\$7640 .byte \$0C,\$00,\$00
\$7643 38 SEC
\$7644 .byte \$00,\$00
\$7646 39 00 00 AND \$0000,Y
\$7649 2A ROL A
\$764A .byte \$00,\$00,\$1B,\$00,\$00,\$1B,\$00,\$00
\$7652 .byte \$5C,\$00,\$00
\$7655 40 RTI

```

//-----
$7656      .byte $00,$00,$00,$00,$00,$00,$00,$00
$765E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7666      .byte $00,$00,$00,$00,$00,$00,$00,$00
$766E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7676      .byte $00,$00,$00,$00,$00,$00,$00,$00
$767E      .byte $00,$82,$0F,$00,$00
$7683 0A   ASL A
$7684      .byte $00,$00
$7686 0A   ASL A
$7687      .byte $00,$00
$7689 59 00 00 EOR $0000,Y
$768C 56 00   LSR $00,X
$768E      .byte $00
$768F 0A   ASL A
$7690      .byte $00,$00
$7692 0A   ASL A
$7693      .byte $00,$00,$0F,$00,$00,$00,$00,$00
$769B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$76A3      .byte $00,$00,$00,$00,$00,$00,$00,$00
$76AB      .byte $00,$00,$00,$00,$00,$00,$00,$00
$76B3      .byte $00,$00,$00,$00,$00,$00,$00,$00
$76BB      .byte $00,$00,$00,$00,$82
$76C0 40   RTI
//-----
$76C1      .byte $00,$00
$76C3 40   RTI
//-----
$76C4      .byte $00,$00,$13,$00,$00,$17,$00,$00

```



```
$76CC 06 00  ASL $00
$76CE      .byte $00
$76CF EA    NOP
$76D0      .byte $00,$00
$76D2 E9 00  SBC # $00
$76D4      .byte $00
$76D5 30 00  BMI L_BRS_($76D7)_($76D5) JAM
//-----
L_BRS_($76D7)_($76D5) JAM
//-----
$76D7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$76DF      .byte $00,$00,$00,$00,$00,$00,$00,$00
$76E7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$76EF      .byte $00,$00,$00,$00,$00,$00,$00,$00
$76F7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$76FF      .byte $82,$14,$00,$00,$14,$00,$00,$14
$7707      .byte $00,$00,$14,$00,$00,$D7,$00,$00
$770F      .byte $EB,$00,$00,$EB,$00,$00,$D7,$00
$7717      .byte $00,$00,$00,$00,$00,$00,$00,$00
$771F      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7727      .byte $00,$00,$00,$00,$00,$00,$00,$00
$772F      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7737      .byte $00,$00,$00,$00,$00,$00,$00,$00
$773F      .byte $82
$7740 01 00  ORA ($00,X)
$7742      .byte $00
$7743 01 00  ORA ($00,X)
$7745      .byte $00
$7746 C4 00  CPY $00
```

```
$7748      .byte $00
$7749 E4 00  CPX $00
$774B      .byte $00
$774C A0 00  LDY # $00
$774E      .byte $00,$AB,$00,$00,$6B,$00,$00,$0C
$7756      .byte $00,$00,$00,$00,$00,$00,$00,$00
$775E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7766      .byte $00,$00,$00,$00,$00,$00,$00,$00
$776E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7776      .byte $00,$00,$00,$00,$00,$00,$00,$00
$777E      .byte $00,$82
$7780 F0 00  BEQ L_BRS_($7782)_($7780) JAM
//-----
L_BRS_($7782)_($7780) JAM
//-----
$7782      .byte $00
$7783 A0 00  LDY # $00
$7785      .byte $00
$7786 A0 00  LDY # $00
$7788      .byte $00
$7789 55 00  EOR $00,X
$778B      .byte $00
$778C 55 00  EOR $00,X
$778E      .byte $00
$778F A0 00  LDY # $00
$7791      .byte $00
$7792 A0 00  LDY # $00
$7794      .byte $00
$7795 F0 00  BEQ L_BRS_($7797)_($7795) JAM
```

```

//-----
L_BRS_($7797)_($7795) JAM
//-----
$7797      .byte $00,$00,$00,$00,$00,$00,$00,$00
$779F      .byte $00,$00,$00,$00,$00,$00,$00,$00
$77A7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$77AF      .byte $00,$00,$00,$00,$00,$00,$00,$00
$77B7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$77BF      .byte $82
$77C0 30 00  BMI L_BRS_($77C2)_($77C0) JAM
//-----
L_BRS_($77C2)_($77C0) JAM
//-----
$77C2      .byte $00
$77C3 2C 00 00  BIT $0000
$77C6 6C 00 00  JMP ($0000)
$77C9 68      PLA
$77CA      .byte $00,$00
$77CC E4 00    CPX $00
$77CE      .byte $00
$77CF E4 00    CPX $00
$77D1      .byte $00
$77D2 35 00    AND $00,X
$77D4      .byte $00
$77D5 01 00    ORA ($00,X)
$77D7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$77DF      .byte $00,$00,$00,$00,$00,$00,$00,$00
$77E7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$77EF      .byte $00,$00,$00,$00,$00,$00,$00,$00

```

```
$77F7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$77FF      .byte $82
$7800 08    PHP
$7801      .byte $00,$00,$0B
$7804 48    PHA
$7805      .byte $00,$2F
$7807 CC 00 2F CPY $2F00
$780A C8    INY
$780B      .byte $00,$AF
$780D C8    INY
$780E      .byte $00,$9F
$7810 C8    INY
$7811      .byte $00,$17
$7813 58    CLI
$7814      .byte $00,$17,$54,$00
$7818 0A    ASL A
$7819 94 00 STY $00,X
$781B 0A    ASL A
$781C 90 00 BCC L_BRS_($781E)_($781C) OK
//-----
L_BRS_($781E)_($781C) OK
//-----
$781E 06 80 ASL $80
$7820      .byte $00,$04
$7822 40    RTI
//-----
$7823      .byte $00,$0C
$7825 C0 00 CPY # $00
$7827      .byte $04
```

```
$7828 40 RTI
//-----
$7829 .byte $00,$00,$00,$00,$00,$00,$00,$00
$7831 .byte $00,$00,$00,$00,$00,$00,$00,$00
$7839 .byte $00,$00,$00,$00,$00,$00,$00,$00
$7841 .byte $00,$00,$03
$7844 C0 00 CPY # $00
$7846 .byte $0F
$7847 C0 00 CPY # $00
$7849 .byte $0F
$784A E0 00 CPX # $00
$784C .byte $0F
$784D E0 00 CPX # $00
$784F .byte $0F
$7850 C8 INY
$7851 .byte $00
$7852 0D 68 00 ORA $0068
$7855 05 A0 ORA $A0
$7857 .byte $00
$7858 05 80 ORA $80
$785A .byte $00
$785B 09 80 ORA # $80
$785D .byte $00
$785E 06 80 ASL $80
$7860 .byte $00,$04
$7862 40 RTI
//-----
$7863 .byte $00,$04
$7865 C0 00 CPY # $00
```

```
$7867      .byte $00
$7868 50 00  BVC L_BRS_($786A)_($7868) JAM
//-----
L_BRS_($786A)_($7868) JAM
//-----
$786A      .byte $00
$786B C0 00  CPY # $00
$786D      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7875      .byte $00,$00,$00,$00,$00,$00,$00,$00
$787D      .byte $00,$00,$00,$00,$00,$00,$00,$03
$7884 C0 00  CPY # $00
$7886      .byte $0F
$7887 E0 00  CPX # $00
$7889      .byte $0F
$788A 60    RTS
//-----
$788B      .byte $00,$0F
$788D 60    RTS
//-----
$788E      .byte $00,$0F
$7890 60    RTS
//-----
$7891      .byte $00
$7892 05 A0  ORA $A0
$7894      .byte $00
$7895 06 A0  ASL $A0
$7897      .byte $00
$7898 06 80  ASL $80
$789A      .byte $00
```

```
$789B 05 A8  ORA $A8
$789D      .byte $00
$789E 0A    ASL A
$789F      .byte $00,$00
$78A1 05 00  ORA $00
$78A3      .byte $00,$07,$00,$00
$78A7 01 00  ORA ($00,X)
$78A9      .byte $00,$03
$78AB C0 00  CPY # $00
$78AD      .byte $00,$00,$00,$00,$00,$00,$00,$00
$78B5      .byte $00,$00,$00,$00,$00,$00,$00,$00
$78BD      .byte $00,$00,$00,$00,$00,$00,$07
$78C4 40    RTI
//-----
$78C5      .byte $00,$0F
$78C7 C0 00  CPY # $00
$78C9 0D 40 00 ORA $0040
$78CC 0D 40 00 ORA $0040
$78CF 0D 48 00 ORA $0048
$78D2 16 98  ASL $98,X
$78D4      .byte $00,$1A
$78D6 A8    TAY
$78D7      .byte $00,$1A
$78D9 A0 00  LDY # $00
$78DB      .byte $1A
$78DC A0 00  LDY # $00
$78DE 0A    ASL A
$78DF 40    RTI
//-----
```

```

$78E0    .byte $00
$78E1 06 80  ASL $80
$78E3    .byte $00,$0C
$78E5 A0 00  LDY # $00
$78E7    .byte $04
$78E8 60    RTS

//-----
$78E9    .byte $00,$0F,$00,$00,$00,$00,$00,$00
$78F1    .byte $00,$00,$00,$00,$00,$00,$00,$00
$78F9    .byte $00,$00,$00,$00,$00,$00,$00,$00
$7901    .byte $00,$00,$07
$7904 40    RTI

//-----
$7905    .byte $00,$0F
$7907 C0 00  CPY # $00
$7909 0D C0 00 ORA $00C0
$790C 55 40  EOR $40,X
$790E    .byte $00
$790F 45 50  EOR $50
$7911    .byte $00
$7912 49 90  EOR # $90
$7914    .byte $00
$7915 4A    LSR A
$7916 90 00  BCC L_BRS_($7918)_($7916) OK

//-----
L_BRS_($7918)_($7916) OK

//-----
$7918 8A    TXA
$7919 90 00  BCC L_BRS_($791B)_($7919) OK

```



```
//-----  
L_BRS_($791B)_($7919) OK  
  
//-----  
$791B 8A TXA  
$791C 90 00 BCC L_BRS_($791E)_($791C) OK  
  
//-----  
L_BRS_($791E)_($791C) OK  
  
//-----  
$791E 8A TXA  
$791F A8 TAY  
$7920 .byte $00  
$7921 86 A0 STX $A0  
$7923 .byte $00  
$7924 84 40 STY $40  
$7926 .byte $00  
$7927 8C C0 00 STY $00C0  
$792A .byte $80,$00,$00,$00,$00,$00,$00,$00  
$7932 .byte $00,$00,$00,$00,$00,$00,$00,$00  
$793A .byte $00,$00,$00,$00,$00,$00,$00,$00  
$7942 .byte $00,$0F  
$7944 C0 00 CPY # $00  
$7946 .byte $0F  
$7947 C0 00 CPY # $00  
$7949 05 C0 ORA $C0  
$794B .byte $00  
$794C 05 C0 ORA $C0  
$794E .byte $00  
$794F 05 C0 ORA $C0  
$7951 .byte $00,$02,$80,$00
```

```

$7955 05 40  ORA $40
$7957      .byte $00
$7958 0A    ASL A
$7959 40    RTI

//-----
$795A      .byte $00
$795B 0A    ASL A
$795C      .byte $80,$00
$795E 2A    ROL A
$795F      .byte $80,$00
$7961 2A    ROL A
$7962      .byte $80,$00,$02,$80,$00,$04
$7968 40    RTI

//-----
$7969      .byte $00,$03,$00,$00,$00,$00,$00,$00
$7971      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7979      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7981      .byte $00,$00,$0F,$00,$00,$0F
$7987 C0 00  CPY # $00
$7989      .byte $07
$798A C0 00  CPY # $00
$798C      .byte $07
$798D C0 00  CPY # $00
$798F      .byte $07
$7990 C0 00  CPY # $00
$7992      .byte $02
$7993 D0 00  BNE L_BRS_($7995)_($7993) OK

//-----
L_BRS_($7995)_($7993) OK

```

```
//-----  
$7995 29 D0 AND #D0
```

```
$7997 .byte $00
```

```
$7998 29 90 AND #90
```

```
$799A .byte $00
```

```
$799B 09 80 ORA #80
```

```
$799D .byte $00
```

```
$799E 0A ASL A
```

```
$799F .byte $80,$00
```

```
$79A1 0A ASL A
```

```
$79A2 40 RTI
```

```
//-----
```

```
$79A3 .byte $00,$0B
```

```
$79A5 40 RTI
```

```
//-----
```

```
$79A6 .byte $00
```

```
$79A7 01 00 ORA ($00,X)
```

```
$79A9 .byte $00,$0F,$00,$00,$00,$00,$00,$00
```

```
$79B1 .byte $00,$00,$00,$00,$00,$00,$00,$00
```

```
$79B9 .byte $00,$00,$00,$00,$00,$00,$00,$00
```

```
$79C1 .byte $00,$00,$0F,$00,$00,$2F
```

```
$79C7 C0 00 CPY #D0
```

```
$79C9 .byte $2F
```

```
$79CA C0 00 CPY #D0
```

```
$79CC .byte $2F
```

```
$79CD C0 00 CPY #D0
```

```
$79CF .byte $2F
```

```
$79D0 C0 00 CPY #D0
```

```
$79D2 35 D0 AND $D0,X
```

```

$79D4      .byte $00
$79D5 25 D0  AND $D0
$79D7      .byte $00
$79D8 26 80  ROL $80
$79DA      .byte $00
$79DB 26 80  ROL $80
$79DD      .byte $00
$79DE 2A    ROL A
$79DF      .byte $80,$00
$79E1 2C 40 00 BIT $0040
$79E4      .byte $04
$79E5 C0 00  CPY # $00
$79E7      .byte $0C
$79E8 40    RTI

//-----
$79E9      .byte $00,$00,$00,$00,$00,$00,$00,$00
$79F1      .byte $00,$00,$00,$00,$00,$00,$00,$00
$79F9      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7A00 0A    ASL A
$7A01      .byte $00,$00,$2B
$7A04 40    RTI

//-----
$7A05      .byte $00,$AF
$7A07 CC 00 AF CPY $AF00
$7A0A C8    INY
$7A0B      .byte $00,$1F
$7A0D C8    INY
$7A0E      .byte $00,$1F
$7A10 C8    INY

```

```
$7A11      .byte $00
$7A12 0D 58 00  ORA $0058
$7A15 0D 58 00  ORA $0058
$7A18 0A      ASL A
$7A19 94 00    STY $00,X
$7A1B 0A      ASL A
$7A1C 94 00    STY $00,X
$7A1E 06 90    ASL $90
$7A20      .byte $00,$04
$7A22 40      RTI

//-----
$7A23      .byte $00,$04,$00,$00,$0C,$00,$00,$04
$7A2B      .byte $00,$00,$0C,$00,$00,$00,$00,$00
$7A33      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7A3B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7A43      .byte $03
$7A44 40      RTI

//-----
$7A45      .byte $00,$0F
$7A47 C0 00    CPY # $00
$7A49      .byte $0F
$7A4A E0 00    CPX # $00
$7A4C      .byte $0F
$7A4D E0 00    CPX # $00
$7A4F      .byte $0F
$7A50 E0 00    CPX # $00
$7A52 0D 60 00  ORA $0060
$7A55 05 A0    ORA $A0
$7A57      .byte $00
```

```

$7A58 06 80  ASL $80
$7A5A      .byte $00
$7A5B 06 80  ASL $80
$7A5D      .byte $00
$7A5E 06 A0  ASL $A0
$7A60      .byte $00,$14
$7A62 50 00  BVC L_BRS_($7A64)_($7A62) JAM
//-----
L_BRS_($7A64)_($7A62) JAM
//-----
$7A64      .byte $34
$7A65 30 00  BMI L_BRS_($7A67)_($7A65) JAM
//-----
L_BRS_($7A67)_($7A65) JAM
//-----
$7A67      .byte $0C,$1C,$00,$00
$7A6B 30 00  BMI L_BRS_($7A6D)_($7A6B) JAM
//-----
L_BRS_($7A6D)_($7A6B) JAM
//-----
$7A6D      .byte $00,$00,$00,$00,$00,$00,$00,$00,$00
$7A75      .byte $00,$00,$00,$00,$00,$00,$00,$00,$00
$7A7D      .byte $00,$00,$00,$00,$00,$00,$00,$03
$7A84 E0 00  CPX # $00
$7A86      .byte $0F
$7A87 E0 00  CPX # $00
$7A89      .byte $0F
$7A8A 60     RTS
//-----

```

```

$7A8B      .byte $00,$0F
$7A8D 60   RTS
//-----
$7A8E      .byte $00,$0F
$7A90 60   RTS
//-----
$7A91      .byte $00
$7A92 05 A0  ORA $A0
$7A94      .byte $00
$7A95 16 80  ASL $80,X
$7A97      .byte $00
$7A98 16 80  ASL $80,X
$7A9A      .byte $00
$7A9B 06 A0  ASL $A0
$7A9D      .byte $00,$02,$80,$00,$34
$7AA2 40   RTI
//-----
$7AA3      .byte $00,$0C
$7AA5 C0 00  CPY # $00
$7AA7      .byte $00
$7AA8 70 00  BVS L_BRS_($7AAA)_($7AA8) JAM
//-----
L_BRS_($7AAA)_($7AA8) JAM
//-----
$7AAA      .byte $00
$7AAB D0 00  BNE L_BRS_($7AAD)_($7AAB) JAM
//-----
L_BRS_($7AAD)_($7AAB) JAM
//-----

```

```

$7AAD    .byte $00,$00,$00,$00,$00,$00,$00,$00
$7AB5    .byte $00,$00,$00,$00,$00,$00,$00,$00
$7ABD    .byte $00,$00,$00,$00,$00,$00,$07
$7AC4 40    RTI
//-----
$7AC5    .byte $00,$0F
$7AC7 CO 00    CPY # $00
$7AC9 0D 40 00 ORA $0040
$7ACC 0D 40 00 ORA $0040
$7ACF 0D 40 00 ORA $0040
$7AD2 16 98    ASL $98,X
$7AD4    .byte $00,$5A
$7AD6 A8    TAY
$7AD7    .byte $00
$7AD8 6A    ROR A
$7AD9 A0 00    LDY # $00
$7ADB 6A    ROR A
$7ADC A0 00    LDY # $00
$7ADE 0A    ASL A
$7ADF 40    RTI
//-----
$7AE0    .byte $00
$7AE1 06 80    ASL $80
$7AE3    .byte $00,$07,$80,$00
$7AE7 01 00    ORA ($00,X)
$7AE9    .byte $00,$03
$7AEB CO 00    CPY # $00
$7AED    .byte $00,$00,$00,$00,$00,$00,$00,$00
$7AF5    .byte $00,$00,$00,$00,$00,$00,$00,$00

```



```

$7AFD      .byte $00,$00,$00,$00,$00,$00,$07
$7B04 40    RTI
//-----
$7B05      .byte $00,$0F
$7B07 C0 00  CPY # $00
$7B09 5D C0 00  EOR $00C0,X
$7B0C 55 40    EOR $40,X
$7B0E      .byte $00
$7B0F 45 40    EOR $40
$7B11      .byte $00
$7B12 49 90    EOR # $90
$7B14      .byte $00
$7B15 8A      TXA
$7B16 90 00    BCC L_BRS_($7B18)_($7B16) OK
//-----
L_BRS_($7B18)_($7B16) OK
//-----
$7B18 8A      TXA
$7B19 90 00    BCC L_BRS_($7B1B)_($7B19) OK
//-----
L_BRS_($7B1B)_($7B19) OK
//-----
$7B1B 8A      TXA
$7B1C 90 00    BCC L_BRS_($7B1E)_($7B1C) OK
//-----
L_BRS_($7B1E)_($7B1C) OK
//-----
$7B1E 8A      TXA
$7B1F 90 00    BCC L_BRS_($7B21)_($7B1F) OK

```

```
//-----  
L_BRS_($7B21)_($7B1F) OK
```

```
//-----
```

```
$7B21 8A    TXA  
$7B22 A8    TAY  
$7B23      .byte $00  
$7B24 86 A0  STX $A0  
$7B26      .byte $00  
$7B27 8C 00 00  STY $0000  
$7B2A      .byte $04,$00,$00,$0C,$00,$00,$00,$00  
$7B32      .byte $00,$00,$00,$00,$00,$00,$00,$00  
$7B3A      .byte $00,$00,$00,$00,$00,$00,$00,$00  
$7B42      .byte $00,$0F  
$7B44 C0 00  CPY # $00  
$7B46      .byte $0F  
$7B47 C0 00  CPY # $00  
$7B49 05 C0  ORA $C0  
$7B4B      .byte $00  
$7B4C 05 C0  ORA $C0  
$7B4E      .byte $00  
$7B4F 05 C0  ORA $C0  
$7B51      .byte $00,$02,$80,$00  
$7B55 05 40  ORA $40  
$7B57      .byte $00  
$7B58 0A    ASL A  
$7B59 40    RTI  
//-----  
$7B5A      .byte $00  
$7B5B 2A    ROL A
```

```

$7B5C      .byte $80,$00
$7B5E 2A   ROL A
$7B5F      .byte $80,$00
$7B61 2A   ROL A
$7B62      .byte $80,$00
$7B64 0A   ASL A
$7B65      .byte $80,$00,$04
$7B68 40   RTI
//-----
$7B69      .byte $00
$7B6A 30 00 BMI L_BRS_($7B6C)_($7B6A) JAM
//-----
L_BRS_($7B6C)_($7B6A) JAM
//-----
$7B6C      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7B74      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7B7C      .byte $00,$00,$00,$00,$00,$00,$00,$0F
$7B84      .byte $00,$00,$0F
$7B87 C0 00 CPY # $00
$7B89      .byte $07
$7B8A C0 00 CPY # $00
$7B8C      .byte $07
$7B8D C0 00 CPY # $00
$7B8F      .byte $07
$7B90 C0 00 CPY # $00
$7B92 0A   ASL A
$7B93 D0 00 BNE L_BRS_($7B95)_($7B93) OK
//-----
L_BRS_($7B95)_($7B93) OK

```

```
//-----  
$7B95 09 D4  ORA #D4
```

```
$7B97      .byte $00
```

```
$7B98 09 90  ORA #90
```

```
$7B9A      .byte $00
```

```
$7B9B 09 80  ORA #80
```

```
$7B9D      .byte $00
```

```
$7B9E 0A    ASL A
```

```
$7B9F      .byte $80,$00
```

```
$7BA1 0A    ASL A
```

```
$7BA2 40    RTI
```

```
//-----
```

```
$7BA3      .byte $00
```

```
$7BA4 3D C0 00 AND $00C0,X
```

```
$7BA7      .byte $00
```

```
$7BA8 70 00  BVS L_BRS_($7BAA)_($7BA8) JAM
```

```
//-----
```

```
L_BRS_($7BAA)_($7BA8) JAM
```

```
//-----
```

```
$7BAA      .byte $00
```

```
$7BAB C0 00  CPY #00
```

```
$7BAD      .byte $00,$00,$00,$00,$00,$00,$00,$00
```

```
$7BB5      .byte $00,$00,$00,$00,$00,$00,$00,$00
```

```
$7BBD      .byte $00,$00,$00,$00,$00,$00,$0F,$00
```

```
$7BC5      .byte $00,$0F
```

```
$7BC7 C0 00  CPY #00
```

```
$7BC9      .byte $2F
```

```
$7BCA C0 00  CPY #00
```

```
$7BCC      .byte $2F
```

\$7BCD C0 00 CPY # \$00
\$7BCF .byte \$3F
\$7BD0 C0 00 CPY # \$00
\$7BD2 25 D0 AND \$D0
\$7BD4 .byte \$00
\$7BD5 25 D0 AND \$D0
\$7BD7 .byte \$00
\$7BD8 26 90 ROL \$90
\$7BDA .byte \$00
\$7BDB 2A ROL A
\$7BDC .byte \$80,\$00
\$7BDE 2A ROL A
\$7BDF .byte \$00,\$00
\$7BE1 05 00 ORA \$00
\$7BE3 .byte \$00,\$03,\$00,\$00
\$7BE7 0D 00 00 ORA \$0000
\$7BEA .byte \$03,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7BF2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7BFA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7C01 08 PHP
\$7C02 .byte \$00,\$0B
\$7C04 48 PHA
\$7C05 .byte \$00,\$2F
\$7C07 CC 00 2F CPY \$2F00
\$7C0A C8 INY
\$7C0B .byte \$00,\$2F
\$7C0D C8 INY
\$7C0E .byte \$00,\$AF
\$7C10 C8 INY

```

$7C11      .byte $00
$7C12 95 D4  STA $D4,X
$7C14      .byte $00
$7C15 95 D4  STA $D4,X
$7C17      .byte $00
$7C18 16 90  ASL $90,X
$7C1A      .byte $00,$1A,$80,$00
$7C1E 06 80  ASL $80
$7C20      .byte $00,$04
$7C22 40     RTI

//-----
$7C23      .byte $00,$00
$7C25 40     RTI

//-----
$7C26      .byte $00,$00
$7C28 C0 00  CPY # $00
$7C2A      .byte $00
$7C2B 40     RTI

//-----
$7C2C      .byte $00,$00
$7C2E C0 00  CPY # $00
$7C30      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7C38      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7C40      .byte $00,$00,$00,$03
$7C44 C0 00  CPY # $00
$7C46      .byte $0F
$7C47 C0 00  CPY # $00
$7C49      .byte $0F
$7C4A C0 00  CPY # $00

```

```
$7C4C      .byte $0F,$E2,$00,$0F
$7C50 CA   DEX
$7C51      .byte $00
$7C52 0D 68 00 ORA $0068
$7C55 05 60  ORA $60
$7C57      .byte $00
$7C58 05 50  ORA $50
$7C5A      .byte $00
$7C5B 09 40  ORA # $40
$7C5D      .byte $00,$02,$80,$00
$7C61 01 90  ORA ($90,X)
$7C63      .byte $00
$7C64 01 40  ORA ($40,X)
$7C66      .byte $00,$03,$00,$00
$7C6A 01 40  ORA ($40,X)
$7C6C      .byte $00,$03,$00,$00,$00,$00,$00,$00,$00
$7C74      .byte $00,$00,$00,$00,$00,$00,$00,$00,$00
$7C7C      .byte $00,$00,$00,$00,$00,$00,$00,$00,$03
$7C84 C0 00  CPY # $00
$7C86      .byte $0F
$7C87 C0 00  CPY # $00
$7C89      .byte $0F
$7C8A 60    RTS
//-----
$7C8B      .byte $00,$0F
$7C8D 60    RTS
//-----
$7C8E      .byte $00,$0F
$7C90 60    RTS
```

```

//-----
$7C91      .byte $00
$7C92 05 A0  ORA $A0
$7C94      .byte $00
$7C95 09 A0  ORA #A0
$7C97      .byte $00
$7C98 09 A0  ORA #A0
$7C9A      .byte $00
$7C9B 09 AA  ORA #AA
$7C9D      .byte $00
$7C9E 06 40  ASL $40
$7CA0      .byte $00
$7CA1 05 40  ORA $40
$7CA3      .byte $00,$0C
$7CA5 D0 00  BNE L_BRS_($7CA7)_($7CA5) JAM
//-----
L_BRS_($7CA7)_($7CA5) JAM
//-----
$7CA7      .byte $0C,$00,$00,$03,$00,$00,$00,$00
$7CAF      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7CB7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7CBF      .byte $00,$00,$00,$00,$07
$7CC4 40    RTI
//-----
$7CC5      .byte $00,$0F
$7CC7 C0 00  CPY #A0
$7CC9 0D 40 00 ORA $0040
$7CCC 0D 48 00 ORA $0048
$7CCF 0D 48 00 ORA $0048

```



```
$7CD2 06 98 ASL $98
$7CD4 .byte $00
$7CD5 16 A8 ASL $A8,X
$7CD7 .byte $00,$1A
$7CD9 A0 00 LDY # $00
$7CDB 16 A0 ASL $A0,X
$7CDD .byte $00
$7CDE 06 80 ASL $80
$7CE0 .byte $00
$7CE1 06 80 ASL $80
$7CE3 .byte $00,$34
$7CE5 A0 00 LDY # $00
$7CE7 10 68 BPL L_BRS_($7D51)_($7CE7) JAM
$7CE9 .byte $00,$0C
$7CEB 08 PHP
$7CEC .byte $00,$00,$00,$00,$00,$00,$00,$00,$00
$7CF4 .byte $00,$00,$00,$00,$00,$00,$00,$00,$00
$7CFC .byte $00,$00,$00,$00,$00,$00,$00,$00,$07
$7D04 40 RTI
//-----
$7D05 .byte $00,$0F
$7D07 C0 00 CPY # $00
$7D09 0D C0 00 ORA $00C0
$7D0C 15 40 ORA $40,X
$7D0E .byte $00
$7D0F 55 50 EOR $50,X
$7D11 .byte $00
$7D12 49 90 EOR # $90
$7D14 .byte $00
```

```

$7D15 4A    LSR A
$7D16 90 00  BCC L_BRS_($7D18)_($7D16) OK
//-----
L_BRS_($7D18)_($7D16) OK
//-----
$7D18 4A    LSR A
$7D19 90 00  BCC L_BRS_($7D1B)_($7D19) OK
//-----
L_BRS_($7D1B)_($7D19) OK
//-----
$7D1B 8A    TXA
$7D1C A8    TAY
$7D1D      .byte $00
$7D1E 86 A0  STX $A0
$7D20      .byte $00,$80
$7D22 40    RTI
//-----
$7D23      .byte $00,$80
$7D25 40    RTI
//-----
$7D26      .byte $00,$80
$7D28 C0 00  CPY # $00
$7D2A      .byte $80
$7D2B 40    RTI
//-----
$7D2C      .byte $00,$80
$7D2E C0 00  CPY # $00
$7D30      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7D38      .byte $00,$00,$00,$00,$00,$00,$00,$00

```

```

$7D40      .byte $00,$00,$00,$0F
$7D44 C0 00  CPY # $00
$7D46      .byte $0F
$7D47 C0 00  CPY # $00
$7D49 05 C0  ORA $C0
$7D4B      .byte $00
$7D4C 05 C0  ORA $C0
$7D4E      .byte $00
$7D4F 05 C0  ORA $C0
//-----
L_BRS_($7D51)_($7CE7) JAM
//-----
$7D51      .byte $00,$02,$80,$00
$7D55 05 40  ORA $40
$7D57      .byte $00
$7D58 0A    ASL A
$7D59 A0 00  LDY # $00
$7D5B 0A    ASL A
$7D5C A0 00  LDY # $00
$7D5E 2A    ROL A
$7D5F A0 00  LDY # $00
$7D61 A2 A0  LDX # $A0
$7D63      .byte $00,$82
$7D65 90 00  BCC L_BRS_($7D67)_($7D65) OK
//-----
L_BRS_($7D67)_($7D65) OK
//-----
$7D67 01 00  ORA ($00,X)
$7D69      .byte $00,$03,$00,$00,$0C,$00,$00,$00

```

```

$7D71      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7D79      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7D81      .byte $00,$00,$0F,$00,$00,$0F
$7D87 C0 00  CPY #00
$7D89      .byte $07
$7D8A C0 00  CPY #00
$7D8C      .byte $07
$7D8D C0 00  CPY #00
$7D8F      .byte $07
$7D90 D0 00  BNE L_BRS_($7D92)_($7D90) JAM
//-----
L_BRS_($7D92)_($7D90) JAM
//-----
$7D92      .byte $02
$7D93 D0 00  BNE L_BRS_($7D95)_($7D93) OK
//-----
L_BRS_($7D95)_($7D93) OK
//-----
$7D95 E9 D0  SBC #00
$7D97      .byte $00
$7D98 A9 90  LDA #00
$7D9A      .byte $00
$7D9B 09 80  ORA #00
$7D9D      .byte $00
$7D9E 0A    ASL A
$7D9F      .byte $80,$00
$7DA1 0A    ASL A
$7DA2 10 00  BPL L_BRS_($7DA4)_($7DA2) OK
//-----

```

L_BRS_(\$7DA4)_(\$7DA2) OK

//-----

\$7DA4 09 D0 ORA #\$D0

\$7DA6 .byte \$00

\$7DA7 38 SEC

\$7DA8 .byte \$00,\$00,\$0C,\$00,\$00,\$00,\$00,\$00

\$7DB0 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$7DB8 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$7DC0 .byte \$00,\$00,\$00,\$8F,\$00,\$00,\$AF

\$7DC7 C0 00 CPY #\$00

\$7DC9 .byte \$2F

\$7DCA C0 00 CPY #\$00

\$7DCC .byte \$0F

\$7DCD C0 00 CPY #\$00

\$7DCF .byte \$2F

\$7DD0 C0 00 CPY #\$00

\$7DD2 25 D0 AND \$D0

\$7DD4 .byte \$00

\$7DD5 35 C0 AND \$C0,X

\$7DD7 .byte \$00

\$7DD8 26 80 ROL \$80

\$7DDA .byte \$00

\$7DDB 26 80 ROL \$80

\$7DDD .byte \$00

\$7DDE 26 80 ROL \$80

\$7DE0 .byte \$00

\$7DE1 2C C0 00 BIT \$00C0

\$7DE4 20 50 00 JSR \$0050

\$7DE7 .byte \$00

```
$7DE8 70 00  BVS L_BRS_($7DEA)_($7DE8) JAM
//-----
L_BRS_($7DEA)_($7DE8) JAM
//-----
$7DEA      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7DF2      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7DFA      .byte $00,$00,$00,$00,$00,$00
$7E00 30 00  BMI L_BRS_($7E02)_($7E00) JAM
//-----
L_BRS_($7E02)_($7E00) JAM
//-----
$7E02      .byte $00
$7E03 30 00  BMI L_BRS_($7E05)_($7E03) JAM
//-----
L_BRS_($7E05)_($7E03) JAM
//-----
$7E05      .byte $00
$7E06 30 00  BMI L_BRS_($7E08)_($7E06) JAM
//-----
L_BRS_($7E08)_($7E06) JAM
//-----
$7E08      .byte $00
$7E09 30 00  BMI L_BRS_($7E0B)_($7E09) JAM
//-----
L_BRS_($7E0B)_($7E09) JAM
//-----
$7E0B      .byte $00
$7E0C 30 00  BMI L_BRS_($7E0E)_($7E0C) JAM
//-----
```

```

L_BRS_($7E0E)_($7E0C) JAM
//-----
$7E0E      .byte $00
$7E0F A8    TAY
$7E10      .byte $00,$00
$7E12 10 00  BPL L_BRS_($7E14)_($7E12) JAM
//-----
L_BRS_($7E14)_($7E12) JAM
//-----
$7E14      .byte $00
$7E15 20 00 00 JSR $0000
$7E18      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7E20      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7E28      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7E30      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7E38      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7E3F 8E 03 00 STX $0003
$7E42      .byte $00,$03,$00,$00,$0C,$00,$00
$7E49 8C 00 00 STY $0000
$7E4C A0 00  LDY #$00
$7E4E      .byte $00
$7E4F 68    PLA
$7E50      .byte $00,$00
$7E52 98    TYA
$7E53      .byte $00,$00,$80,$00,$00,$00,$00,$00
$7E5B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7E63      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7E6B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7E73      .byte $00,$00,$00,$00,$00,$00,$00,$00

```

\$7E7B .byte \$00,\$00,\$00,\$00
\$7E7F 8E 00 00 STX \$0000
\$7E82 .byte \$00,\$00,\$00,\$00
\$7E86 20 00 00 JSR \$0000
\$7E89 .byte \$AF,\$00,\$00,\$6F,\$00,\$00
\$7E8F 20 00 00 JSR \$0000
\$7E92 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7E9A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7EA2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7EAA .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7EB2 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7EBA .byte \$00,\$00,\$00,\$00,\$00
\$7EBF 8E 80 00 STX \$0080
\$7EC2 .byte \$00
\$7EC3 98 TYA
\$7EC4 .byte \$00,\$00
\$7EC6 68 PLA
\$7EC7 .byte \$00,\$00
\$7EC9 A0 00 LDY #\$00
\$7ECB .byte \$00
\$7ECC 8C 00 00 STY \$0000
\$7ECF .byte \$0C,\$00,\$00,\$03,\$00,\$00,\$03,\$00
\$7ED7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7EDF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7EE7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7EEF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7EF7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7EFF 8E 20 00 STX \$0020
\$7F02 .byte \$00

\$7F03 10 00 BPL L_BRS_(\$7F05)_(\$7F03) JAM

//-----

L_BRS_(\$7F05)_(\$7F03) JAM

//-----

\$7F05 .byte \$00

\$7F06 A8 TAY

\$7F07 .byte \$00,\$00

\$7F09 30 00 BMI L_BRS_(\$7F0B)_(\$7F09) JAM

//-----

L_BRS_(\$7F0B)_(\$7F09) JAM

//-----

\$7F0B .byte \$00

\$7F0C 30 00 BMI L_BRS_(\$7F0E)_(\$7F0C) JAM

//-----

L_BRS_(\$7F0E)_(\$7F0C) JAM

//-----

\$7F0E .byte \$00

\$7F0F 30 00 BMI L_BRS_(\$7F11)_(\$7F0F) JAM

//-----

L_BRS_(\$7F11)_(\$7F0F) JAM

//-----

\$7F11 .byte \$00

\$7F12 30 00 BMI L_BRS_(\$7F14)_(\$7F12) JAM

//-----

L_BRS_(\$7F14)_(\$7F12) JAM

//-----

\$7F14 .byte \$00

\$7F15 30 00 BMI L_BRS_(\$7F17)_(\$7F15) JAM

//-----

L_BRS_(\$7F17)_(\$7F15) JAM

//-----

\$7F17 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$7F1F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$7F27 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$7F2F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$7F37 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$7F3F 8E 02 00 STX \$0002

\$7F42 .byte \$00

\$7F43 26 00 ROL \$00

\$7F45 .byte \$00

\$7F46 29 00 AND # \$00

\$7F48 .byte \$00

\$7F49 0A ASL A

\$7F4A .byte \$00,\$00,\$32,\$00,\$00

\$7F4F 30 00 BMI L_BRS_(\$7F51)_(\$7F4F) JAM

//-----

L_BRS_(\$7F51)_(\$7F4F) JAM

//-----

\$7F51 .byte \$00

\$7F52 C0 00 CPY # \$00

\$7F54 .byte \$00

\$7F55 C0 00 CPY # \$00

\$7F57 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$7F5F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$7F67 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$7F6F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$7F77 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$7F7F 8E 00 00 STX \$0000

```

$7F82      .byte $00,$00,$00,$00
$7F86 08   PHP
$7F87      .byte $00,$00,$FA,$00,$00
$7F8C F9 00 00 SBC $0000,Y
$7F8F 08   PHP
$7F90      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7F98      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7FA0      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7FA8      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7FB0      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7FB8      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7FBF 8E C0 00 STX $00C0
$7FC2      .byte $00
$7FC3 C0 00   CPY # $00
$7FC5      .byte $00
$7FC6 30 00   BMI L_BRS_($7FC8)_($7FC6) JAM
//-----
L_BRS_($7FC8)_($7FC6) JAM
//-----
$7FC8      .byte $00,$32,$00,$00
$7FCC 0A     ASL A
$7FCD      .byte $00,$00
$7FCF 29 00   AND # $00
$7FD1      .byte $00
$7FD2 26 00   ROL $00
$7FD4      .byte $00,$02,$00,$00,$00,$00,$00,$00
$7FDC      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7FE4      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7FEC      .byte $00,$00,$00,$00,$00,$00,$00,$00

```

```

$7FF4      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7FFC      .byte $00,$00,$00

//-----
L_JMP_($8000)_($0817) BAD
//-----
$7FFF 8E 4C 13 STX $134C
$8002      .byte $80,$00,$00,$00,$00,$00,$00,$00
$800A      .byte $00,$00,$00,$00,$00,$00,$00,$00
$8012      .byte $00
$8013 A9 00  LDA #$00
$8015 8D 9E E6 STA $E69E
$8018 A9 01  LDA #$01
$801A 8D AE 99 STA $99AE
$801D 8D AF 99 STA $99AF
$8020 8D 44 9A STA $9A44
$8023 20 89 82 JSR L_JSR_($8289)_($8023) OK
$8026 AD FD CF LDA $CFFD
$8029 D0 16  BNE L_BRS_($8041)_($8029) OK
$802B 20 C4 82 JSR L_JSR_($82C4)_($802B) OK
$802E 20 97 C6 JSR L_JSR_($C697)_($802E) OK
$8031 20 64 99 JSR L_JSR_($9964)_($8031) BAD
$8034 20 89 82 JSR L_JSR_($8289)_($8034) OK
$8037 20 0F A5 JSR $A50F
$803A 29 3F  AND #$3F
$803C 69 0A  ADC #$0A
$803E 8D B0 99 STA $99B0

//-----
L_BRS_($8041)_($8029) OK
//-----

```

\$8041 20 20 8D JSR L_JSR_(\$8D20)_(\$8041) BAD
\$8044 20 97 C6 JSR L_JSR_(\$C697)_(\$8044) OK
\$8047 20 FD 81 JSR L_JSR_(\$81FD)_(\$8047) OK
\$804A 20 83 9C JSR L_JSR_(\$9C83)_(\$804A) OK
\$804D 20 09 83 JSR L_JSR_(\$8309)_(\$804D) OK
\$8050 20 0E A1 JSR \$A10E
\$8053 20 56 CE JSR L_JSR_(\$CE56)_(\$8053) OK
\$8056 20 37 85 JSR L_JSR_(\$8537)_(\$8056) OK

\$8059 20 7E A5 JSR \$A57E
\$805C 20 24 B0 JSR \$B024
\$805F AD 16 D0 LDA \$D016 ;53270
\$8062 29 D0 AND #\$D0
\$8064 09 10 ORA #\$10
\$8066 8D 16 D0 STA \$D016
//-----
L_JSR_(\$8069)_(\$114E) OK
//-----
\$8069 A9 01 LDA #\$01
\$806B 8D 3E B7 STA \$B73E
\$806E 20 B9 C6 JSR L_JSR_(\$C6B9)_(\$806E) OK
\$8071 A9 00 LDA #\$00
\$8073 20 D4 C6 JSR L_JSR_(\$C6D4)_(\$8073) OK
\$8076 A9 08 LDA #\$08
\$8078 20 E9 C6 JSR L_JSR_(\$C6E9)_(\$8078) OK
\$807B A9 00 LDA #\$00
\$807D 8D 59 82 STA \$8259
\$8080 20 E0 84 JSR L_JSR_(\$84E0)_(\$8080) OK

\$8083 20 FD 81 JSR L_JSR_(\$81FD)_(\$8083) OK
\$8086 A9 05 LDA #\$05
\$8088 8D 1B B0 STA \$B01B
//-----
L_JSR_(\$808C)_(\$1153) BAD
//-----
\$808B 20 A8 C6 JSR L_JSR_(\$C6A8)_(\$808B) OK
\$808E 20 FD 81 JSR L_JSR_(\$81FD)_(\$808E) OK
\$8091 20 09 83 JSR L_JSR_(\$8309)_(\$8091) OK
\$8094 20 44 B0 JSR \$B044
\$8097 A9 01 LDA #\$01
\$8099 8D AE 99 STA \$99AE
\$809C 8D 44 9A STA \$9A44
\$809F 8D AF 99 STA \$99AF
\$80A2 20 65 A7 JSR \$A765
\$80A5 20 F2 A5 JSR \$A5F2
\$80A8 20 3A 84 JSR L_JSR_(\$843A)_(\$80A8) OK
\$80AB 20 AF BA JSR \$BAAF
//-----
L_JMP_(\$80AE)_(\$816B) OK
L_JMP_(\$80AE)_(\$8191) OK
L_JMP_(\$80AE)_(\$81FA) OK
//-----
\$80AE A9 0F LDA #\$0F
\$80B0 8D 40 88 STA \$8840
\$80B3 A9 00 LDA #\$00
\$80B5 8D 54 82 STA \$8254
\$80B8 20 44 B0 JSR \$B044
\$80BB 20 B2 99 JSR L_JSR_(\$99B2)_(\$80BB) OK

\$80BE 20 04 C7 JSR L_JSR_(\$C704)_(\$80BE) OK
\$80C1 20 C5 CC JSR L_JSR_(\$CCC5)_(\$80C1) OK
\$80C4 20 3F CD JSR L_JSR_(\$CD3F)_(\$80C4) OK
\$80C7 20 A1 CC JSR L_JSR_(\$CCA1)_(\$80C7) OK
\$80CA 20 11 CD JSR L_JSR_(\$CD11)_(\$80CA) OK
\$80CD 20 ED C0 JSR L_JSR_(\$C0ED)_(\$80CD) BAD
\$80D0 20 33 A4 JSR \$A433
\$80D3 20 65 A4 JSR \$A465
\$80D6 20 85 95 JSR L_JSR_(\$9585)_(\$80D6) OK
\$80D9 20 1F 9D JSR L_JSR_(\$9D1F)_(\$80D9) OK
\$80DC A9 04 LDA # \$04
\$80DE 8D 38 88 STA \$8838
\$80E1 8D 37 88 STA \$8837
\$80E4 A9 08 LDA # \$08
\$80E6 8D 39 88 STA \$8839
\$80E9 A9 00 LDA # \$00
\$80EB 8D 59 82 STA \$8259
\$80EE A9 02 LDA # \$02
\$80F0 8D 5A 82 STA \$825A
\$80F3 AD 11 D0 LDA \$D011
\$80F6 29 70 AND # \$70
\$80F8 09 07 ORA # \$07
\$80FA 8D 11 D0 STA \$D011
\$80FD A9 04 LDA # \$04
\$80FF 85 FF STA \$FF
\$8101 20 2F B0 JSR \$B02F
\$8104 20 14 8A JSR L_JSR_(\$8A14)_(\$8104) OK
\$8107 20 04 8C JSR L_JSR_(\$8C04)_(\$8107) OK
\$810A 20 0D BC JSR \$BC0D

\$810D A9 01 LDA #\$01
\$810F 8D 6D 82 STA \$826D
\$8112 8D 6B 82 STA \$826B
\$8115 A9 70 LDA #\$70
\$8117 20 E8 8B JSR L_JSR_(\$8BE8)_(\$8117) OK
\$811A A9 03 LDA #\$03
\$811C 20 BA CE JSR L_JSR_(\$CEBA)_(\$811C) OK
\$811F 20 0D 82 JSR L_JSR_(\$820D)_(\$811F) OK
\$8122 AD AD 99 LDA \$99AD
\$8125 C9 76 CMP #\$76
\$8127 90 6B BCC L_BRS_(\$8194)_(\$8127) OK
//-----
L_BRS_(\$8129)_(\$8175) OK
L_BRS_(\$8129)_(\$817E) OK
L_JMP_(\$8129)_(\$8188) OK
//-----
\$8129 A9 40 LDA #\$40
\$812B 20 E8 8B JSR L_JSR_(\$8BE8)_(\$812B) OK
\$812E 20 14 8A JSR L_JSR_(\$8A14)_(\$812E) OK
\$8131 20 04 8C JSR L_JSR_(\$8C04)_(\$8131) OK
\$8134 EE 54 82 INC \$8254
\$8137 20 EC A7 JSR \$A7EC
\$813A 20 63 A9 JSR \$A963
\$813D 20 9F AB JSR \$AB9F
\$8140 20 EF AA JSR \$AAEF
\$8143 AD 40 88 LDA \$8840
\$8146 CD 42 88 CMP \$8842
\$8149 8D 42 88 STA \$8842
\$814C D0 09 BNE L_BRS_(\$8157)_(\$814C) OK


```

$814E 20 B0 B1 JSR $B1B0
$8151 20 99 B7 JSR $B799
$8154 20 AF BA JSR $BAAF
//-----
L_BRS_($8157)_($814C) OK
//-----
$8157 20 3C A6 JSR $A63C
$815A 20 72 BA JSR $BA72
$815D 20 66 AE JSR $AE66
$8160 20 0E A7 JSR $A70E
$8163 AD 93 AE LDA $AE93
$8166 D0 06 BNE L_BRS_($816E)_($8166) OK
$8168 20 DD AE JSR $AEDD
$816B 4C AE 80 JMP L_JMP_($80AE)_($816B) OK
//-----
L_BRS_($816E)_($8166) OK
//-----
$816E AD 20 91 LDA $9120
$8171 F0 04 BEQ L_BRS_($8177)_($8171) OK
$8173 29 40 AND #$40
$8175 F0 B2 BEQ L_BRS_($8129)_($8175) OK
//-----
L_BRS_($8177)_($8171) OK
//-----
$8177 AD 21 91 LDA $9121
$817A F0 04 BEQ L_BRS_($8180)_($817A) OK
$817C 29 40 AND #$40
$817E F0 A9 BEQ L_BRS_($8129)_($817E) OK
//-----

```

```

L_BRS_($8180)_($817A) OK
//-----
$8180 AD 1E 91 LDA $911E
$8183 0D 1F 91 ORA $911F
$8186 F0 03 BEQ L_BRS_($818B)_($8186) OK
$8188 4C 29 81 JMP L_JMP_($8129)_($8188) OK
//-----
L_BRS_($818B)_($8186) OK
//-----
$818B 20 64 A5 JSR $A564
$818E 20 DD AE JSR $AEDD
$8191 4C AE 80 JMP L_JMP_($80AE)_($8191) OK
//-----
L_BRS_($8194)_($8127) OK
L_BRS_($8194)_($81E1) OK
L_BRS_($8194)_($81EA) OK
L_JMP_($8194)_($81F4) OK
//-----
$8194 A9 40 LDA #$40
$8196 20 E8 8B JSR L_JSR_($8BE8)_($8196) OK
$8199 20 14 8A JSR L_JSR_($8A14)_($8199) OK
$819C 20 04 8C JSR L_JSR_($8C04)_($819C) OK
$819F EE 54 82 INC $8254
$81A2 20 EC A7 JSR $A7EC
$81A5 AD 40 88 LDA $8840
$81A8 CD 42 88 CMP $8842
$81AB 8D 42 88 STA $8842
$81AE D0 2A BNE L_BRS_($81DA)_($81AE) OK
$81B0 20 63 A9 JSR $A963

```

```
$81B3 20 9F AB JSR $AB9F
$81B6 20 EF AA JSR $AAEF
$81B9 20 46 BB JSR $BB46
$81BC 20 49 B2 JSR $B249
$81BF 20 0D BC JSR $BC0D
$81C2 20 F3 B8 JSR $B8F3
$81C5 20 99 B7 JSR $B799
$81C8 20 4E B4 JSR $B44E
$81CB 20 AF BA JSR $BAAF
$81CE 20 72 BA JSR $BA72
$81D1 20 36 B6 JSR $B636
$81D4 20 3C A6 JSR $A63C
$81D7 20 0E A7 JSR $A70E
//-----
L_BRS_($81DA)_($81AE) OK
//-----
$81DA AD 20 91 LDA $9120
$81DD F0 04 BEQ L_BRS_($81E3)_($81DD) OK
$81DF 29 40 AND #$40
$81E1 F0 B1 BEQ L_BRS_($8194)_($81E1) OK
//-----
L_BRS_($81E3)_($81DD) OK
//-----
$81E3 AD 21 91 LDA $9121
$81E6 F0 04 BEQ L_BRS_($81EC)_($81E6) OK
$81E8 29 40 AND #$40
$81EA F0 A8 BEQ L_BRS_($8194)_($81EA) OK
//-----
L_BRS_($81EC)_($81E6) OK
```

```

//-----
$81EC AD 1E 91 LDA $911E
$81EF 0D 1F 91 ORA $911F
$81F2 F0 03 BEQ L_BRS_($81F7)_($81F2) OK
$81F4 4C 94 81 JMP L_JMP_($8194)_($81F4) OK
//-----
L_BRS_($81F7)_($81F2) OK
//-----
$81F7 20 64 A5 JSR $A564
$81FA 4C AE 80 JMP L_JMP_($80AE)_($81FA) OK
//-----
L_JSR_($81FD)_($8047) OK
L_JSR_($81FD)_($8083) OK
L_JSR_($81FD)_($808E) OK
L_JSR_($81FD)_($86ED) OK
L_JSR_($81FD)_($9C77) OK
//-----
$81FD A9 01 LDA #$01
$81FF 8D 6D 82 STA $826D
$8202 A9 40 LDA #$40
$8204 20 E8 8B JSR L_JSR_($8BE8)_($8204) OK
$8207 A9 00 LDA #$00
$8209 8D 51 82 STA $8251
$820C 60 RTS
//-----
L_JSR_($820D)_($811F) OK
//-----
$820D A9 FF LDA #$FF
$820F 8D 11 91 STA $9111

```

\$8212 AD 20 91 LDA \$9120

\$8215 29 3F AND #3F

\$8217 8D 20 91 STA \$9120

\$821A AD 21 91 LDA \$9121

\$821D 29 3F AND #3F

//-----

L_BRS_(\$8221)_(\$826F) BAD

//-----

\$821F 8D 21 91 STA \$9121

\$8222 A9 C0 LDA #\$C0

\$8224 8D 2C 91 STA \$912C

\$8227 A9 E0 LDA #\$E0

\$8229 8D 2D 91 STA \$912D

\$822C A9 00 LDA #\$00

\$822E 8D 4A B7 STA \$B74A

//-----

L_BRS_(\$8233)_(\$825B) BAD

//-----

\$8231 8D 4B B7 STA \$B74B

\$8234 8D 19 B0 STA \$B019

\$8237 8D 1A B0 STA \$B01A

\$823A 8D C6 B5 STA \$B5C6

\$823D 8D C8 B5 STA \$B5C8

\$8240 8D 17 B0 STA \$B017

\$8243 8D 18 B0 STA \$B018

\$8246 8D 39 B7 STA \$B739

\$8249 AD 3B B7 LDA \$B73B

\$824C 8D 3A B7 STA \$B73A

\$824F 60 RTS

```
//-----  
$8250 15 CA  ORA $CA,X  
$8252 01 01  ORA ($01,X)  
$8254 28    PLP  
$8255      .byte $C7  
$8256 31 06  AND ($06),Y  
$8258      .byte $00,$00,$02  
$825B 10 D6  BPL L_BRS_($8233)_($825B) BAD  
$825D 06 02  ASL $02  
$825F      .byte $04,$02  
$8261 06 00  ASL $00  
$8263      .byte $0B  
$8264 0A    ASL A  
$8265      .byte $74  
$8266 C0 00  CPY # $00  
$8268      .byte $00,$00,$00  
$826B 01 07  ORA ($07,X)  
$826D      .byte $00,$00  
$826F 10 B0  BPL L_BRS_($8221)_($826F) BAD  
$8271 48    PHA  
$8272 8A    TXA  
$8273 48    PHA  
$8274 98    TYA  
$8275 48    PHA  
$8276 AD 19 D0 LDA $D019  
$8279 29 81  AND # $81  
$827B C9 81  CMP # $81  
$827D D0 03  BNE L_BRS_($8282)_($827D) OK  
$827F 6C 14 03 JMP ($0314)
```

//-----
L_BRS_(\$8282)_(\$827D) OK
L_JMP_(\$8282)_(\$858B) OK
L_JMP_(\$8282)_(\$8601) OK
L_JMP_(\$8282)_(\$8652) OK
L_JMP_(\$8282)_(\$8675) OK
L_JMP_(\$8282)_(\$8699) OK
L_JMP_(\$8282)_(\$86B1) OK

//-----

\$8282 68 PLA
\$8283 A8 TAY
\$8284 68 PLA
\$8285 AA TAX
\$8286 68 PLA
\$8287 40 RTI

//-----

\$8288 40 RTI

//-----

L_JSR_(\$8289)_(\$8023) OK
L_JSR_(\$8289)_(\$8034) OK
L_JSR_(\$8289)_(\$9A02) OK

//-----

\$8289 78 SEI
\$828A A9 7F LDA #\$7F
\$828C 8D 0D DC STA \$DC0D
\$828F 8D 0D DD STA \$DD0D
\$8292 AD 0D DD LDA \$DD0D
\$8295 AD 0D DC LDA \$DC0D
\$8298 A9 71 LDA #\$71

```
$829A 8D FE FF STA $FFFE
$829D A9 82 LDA #$82
$829F 8D FF FF STA $FFFF
$82A2 A9 88 LDA #$88
$82A4 8D FA FF STA $FFFA
$82A7 A9 82 LDA #$82
$82A9 8D FB FF STA $FFFB
$82AC A9 2F LDA #$2F
$82AE 85 00 STA $00
$82B0 A9 35 LDA #$35
$82B2 85 01 STA $01
$82B4 A9 01 LDA #$01
$82B6 8D 19 D0 STA $D019
$82B9 8D 1A D0 STA $D01A
$82BC 20 37 85 JSR L_JSR_($8537)_($82BC) OK
$82BF 58 CLI
$82C0 20 20 8D JSR L_JSR_($8D20)_($82C0) BAD
$82C3 60 RTS

//-----
L_JSR_($82C4)_($802B) OK
L_JSR_($82C4)_($9A40) OK
//-----
$82C4 78 SEI
$82C5 A9 7F LDA #$7F
$82C7 8D 0D DC STA $DC0D
$82CA 8D 0D DD STA $DD0D
$82CD A2 08 LDX #$08
$82CF 8E 0E DC STX $DC0E
$82D2 8E 0E DD STX $DD0E
```


\$82D5 8E 0F DC STX \$DC0F
\$82D8 8E 0F DD STX \$DD0F
\$82DB CA DEX
\$82DC 8E 0D DD STX \$DD0D
\$82DF A9 25 LDA #\$25
\$82E1 8D 04 DC STA \$DC04
\$82E4 A9 40 LDA #\$40
\$82E6 8D 05 DC STA \$DC05
\$82E9 A9 00 LDA #\$00
\$82EB 8D 1A D0 STA \$D01A
\$82EE 8D 11 91 STA \$9111
\$82F1 8D 15 D0 STA \$D015
\$82F4 A9 80 LDA #\$80
\$82F6 8D 19 D0 STA \$D019
\$82F9 A9 31 LDA #\$31
\$82FB 8D 14 03 STA \$0314
\$82FE A9 EA LDA #\$EA
\$8300 8D 15 03 STA \$0315
\$8303 A9 36 LDA #\$36
\$8305 85 01 STA \$01
\$8307 58 CLI
\$8308 60 RTS
//-----
L_JSR_(\$8309)_(\$804D) OK
L_JSR_(\$8309)_(\$8091) OK
//-----
\$8309 A0 00 LDY #\$00
\$830B 98 TYA
//-----

```

L_BRS_($830C)_($8331) OK
//-----
$830C 99 00 D8 STA $D800,Y
$830F 99 00 D9 STA $D900,Y
$8312 99 00 DA STA $DA00,Y
$8315 99 00 DB STA $DB00,Y
$8318 99 00 40 STA $4000,Y
$831B 99 00 41 STA $4100,Y
$831E 99 00 42 STA $4200,Y
$8321 99 00 43 STA $4300,Y
$8324 99 00 44 STA $4400,Y
$8327 99 00 45 STA $4500,Y
$832A 99 00 46 STA $4600,Y
$832D 99 00 47 STA $4700,Y
$8330 C8    INY
$8331 D0 D9  BNE L_BRS_($830C)_($8331) OK
$8333 60    RTS
//-----
$8334      .byte $0F,$1F,$00
$8337 10 0F  BPL L_BRS_($8348)_($8337) BAD
$8339      .byte $1F
$833A 20 20 20 JSR $2020
$833D 20 90 91 JSR L_JSR_($9190)_($833D) OK
$8340      .byte $92,$93
$8342 94 95  STY $95,X
$8344 96 97  STX $97,Y
//-----
L_BRS_($8348)_($8337) BAD
//-----

```

\$8346 20 20 20 JSR \$2020
\$8349 20 20 20 JSR \$2020
\$834C 20 20 56 JSR L_JSR_(\$5620)_(\$834C) OK
\$834F 41 4C EOR (\$4C,X)
\$8351 .byte \$4B
\$8352 59 52 49 EOR \$4952,Y
\$8355 45 20 EOR \$20
\$8357 20 20 20 JSR \$2020
\$835A 20 20 20 JSR \$2020
\$835D 20 20 57 JSR L_JSR_(\$5720)_(\$835D) BAD
\$8360 49 5A EOR #\$5A
\$8362 41 52 EOR (\$52,X)
\$8364 .byte \$44
\$8365 20 20 20 JSR \$2020
\$8368 20 20 20 JSR \$2020
\$836B 20 20 20 JSR \$2020
\$836E 20 20 5B JSR L_JSR_(\$5B20)_(\$836E) JAM
\$8371 .byte \$5C
\$8372 5D 5E 20 EOR \$205E,X
\$8375 20 20 20 JSR \$2020
\$8378 20 20 20 JSR \$2020
\$837B .byte \$3A,\$3B,\$3C
\$837E 3D 3E 3F AND \$3F3E,X
\$8381 20 20 48 JSR L_JSR_(\$4820)_(\$8381) OK
\$8384 45 41 EOR \$41
\$8386 4C 54 48 JMP L_JMP_(\$4854)_(\$8386) JAM
\$8389 20 20 30 JSR L_JSR_(\$3020)_(\$8389) JAM
\$838C 30 30 BMI L_BRS_(\$83BE)_(\$838C) OK
\$838E 30 30 BMI L_BRS_(\$83C0)_(\$838E) JAM

```

$8390 30 20 BMI L_BRS_($83B2)_($8390) OK
$8392 20 20 32 JSR L_JSR_($3220)_($8392) JAM
$8395 30 30 BMI L_BRS_($83C7)_($8395) BAD
$8397 30 20 BMI L_BRS_($83B9)_($8397) JAM
$8399 20 20 20 JSR $2020
$839C 20 20 20 JSR $2020
$839F 20 20 20 JSR $2020
$83A2 20 20 20 JSR $2020
$83A5 20 20 20 JSR $2020
$83A8 20 20 00 JSR $0020
$83AB 41 42 EOR ($42,X)
$83AD .byte $43,$44
$83AF 45 46 EOR $46
$83B1 .byte $47
//-----
L_BRS_($83B2)_($8390) OK
//-----
$83B2 48 PHA
$83B3 49 4A EOR #$4A
$83B5 .byte $4B
$83B6 4C 4D 00 JMP $004D
//-----
L_BRS_($83B9)_($8397) JAM
//-----
$83B9 .byte $00,$00
$83BB 4E 4F 50 LSR $504F
//-----
L_BRS_($83BE)_($838C) OK
//-----

```

```
$83BE 51 52  EOR ($52),Y
//-----
L_BRS_($83C0)_($838E) JAM
//-----
$83C0      .byte $53,$54
$83C2 55 56  EOR $56,X
$83C4      .byte $57
$83C5 58    CLI
//-----
L_BRS_($83C7)_($8395) BAD
//-----
$83C6 59 5A 00 EOR $005A,Y
$83C9      .byte $00,$00,$00,$5B,$00,$00,$5C
$83D0 5D 00 00 EOR $0000,X
$83D3      .byte $00,$00
$83D5 5E 5F 00 LSR $005F,X
$83D8      .byte $00,$00,$00,$00
$83DC 30 32  BMI L_BRS_($8410)_($83DC) OK
$83DE 25 33  AND $33
$83E0      .byte $33,$00,$00
$83E3 26 29  ROL $29
$83E5      .byte $32
$83E6 25 00  AND $00
$83E8      .byte $00,$00
$83EA 40    RTI
//-----
$83EB 40    RTI
//-----
$83EC 41 42  EOR ($42,X)
```

```
$83EE    .byte $43,$44
$83F0 45 46  EOR $46
$83F2    .byte $47
$83F3 48    PHA
$83F4 49 4A  EOR # $4A
$83F6    .byte $4B
$83F7 4C 4D 40 JMP L_JMP_($404D)_($83F7) JAM
$83FA 40    RTI
//-----
$83FB 40    RTI
//-----
$83FC 40    RTI
//-----
$83FD 40    RTI
//-----
$83FE 40    RTI
//-----
$83FF 40    RTI
//-----
$8400 4E 4F 50 LSR $504F
$8403 51 52  EOR ($52),Y
$8405    .byte $53,$54
$8407 55 56  EOR $56,X
$8409    .byte $57
$840A 58    CLI
$840B 59 5A 40 EOR $405A,Y
$840E 40    RTI
//-----
$840F 40    RTI
```

```
//-----  
L_BRS_($8410)_($83DC) OK  
  
//-----  
$8410 40 RTI  
  
//-----  
$8411 40 RTI  
  
//-----  
$8412 40 RTI  
  
//-----  
$8413 40 RTI  
  
//-----  
$8414 5E 5F 40 LSR $405F,X  
$8417 40 RTI  
  
//-----  
$8418 .byte $5C  
$8419 5D 40 40 EOR $4040,X  
$841C 40 RTI  
  
//-----  
$841D 40 RTI  
  
//-----  
$841E 5E 5F 40 LSR $405F,X  
$8421 40 RTI  
  
//-----  
$8422 40 RTI  
  
//-----  
$8423 40 RTI  
  
//-----  
$8424 40 RTI  
  
//-----
```

```
$8425 40 RTI
//-----
$8426 40 RTI
//-----
$8427 40 RTI
//-----
$8428 40 RTI
//-----
$8429 50 52 BVC L_BRS_($847D)_($8429) BAD
$842B 45 53 EOR $53
$842D .byte $53
$842E 40 RTI
//-----
$842F 40 RTI
//-----
$8430 46 49 LSR $49
$8432 .byte $52
$8433 45 40 EOR $40
$8435 40 RTI
//-----
$8436 40 RTI
//-----
$8437 40 RTI
//-----
$8438 40 RTI
//-----
$8439 40 RTI
//-----
L_JSR_($843A)_($80A8) OK
```



```
//-----  
$843A A9 01 LDA #$01  
$843C 8D 0D 91 STA $910D  
//-----  
L_BRS_($843F)_($8494) OK  
//-----  
$843F AE 0D 91 LDX $910D  
$8442 BD 42 B7 LDA $B742,X  
$8445 1D 44 B7 ORA $B744,X  
$8448 D0 47 BNE L_BRS_($8491)_($8448) OK  
$844A BD 1C 91 LDA $911C,X  
$844D 0A ASL A  
$844E 0A ASL A  
$844F 0A ASL A  
$8450 0A ASL A  
$8451 18 CLC  
$8452 69 3A ADC #$3A  
$8454 8D 6A 84 STA $846A  
$8457 A9 00 LDA #$00  
$8459 69 83 ADC #$83  
$845B 8D 6B 84 STA $846B  
$845E BD 20 91 LDA $9120,X  
$8461 F0 2E BEQ L_BRS_($8491)_($8461) OK  
$8463 BD 34 83 LDA $8334,X  
$8466 AA TAX  
$8467 A0 0F LDY #$0F  
//-----  
L_BRS_($8469)_($848F) OK  
//-----
```

\$8469 B9 3A 83 LDA \$833A,Y
\$846C 38 SEC
\$846D E9 20 SBC #\$20
\$846F 9D 24 43 STA \$4324,X
\$8472 B9 7A 83 LDA \$837A,Y
\$8475 38 SEC
\$8476 E9 20 SBC #\$20
\$8478 9D 4C 43 STA \$434C,X
//-----
L_BRS_(\$847D)_(\$8429) BAD
//-----
\$847B B9 8A 83 LDA \$838A,Y
\$847E 38 SEC
\$847F E9 20 SBC #\$20
\$8481 9D 74 43 STA \$4374,X
\$8484 B9 9A 83 LDA \$839A,Y
\$8487 38 SEC
\$8488 E9 20 SBC #\$20
\$848A 9D 9C 43 STA \$439C,X
\$848D CA DEX
\$848E 88 DEY
\$848F 10 D8 BPL L_BRS_(\$8469)_(\$848F) OK
//-----
L_BRS_(\$8491)_(\$8448) OK
L_BRS_(\$8491)_(\$8461) OK
//-----
\$8491 CE 0D 91 DEC \$910D
\$8494 10 A9 BPL L_BRS_(\$843F)_(\$8494) OK
\$8496 A9 A1 LDA #\$A1

\$8498 8D FA 43 STA \$43FA

\$849B 8D FB 43 STA \$43FB

\$849E 8D FC 43 STA \$43FC

\$84A1 8D FD 43 STA \$43FD

\$84A4 8D FE 43 STA \$43FE

\$84A7 8D FF 43 STA \$43FF

\$84AA 60 RTS

//-----

\$84AB A9 01 LDA #\$01

\$84AD 8D 0D 91 STA \$910D

//-----

L_BRS_(\$84B0)_(\$84DD) OK

//-----

\$84B0 AE 0D 91 LDX \$910D

\$84B3 BD 20 91 LDA \$9120,X

\$84B6 D0 22 BNE L_BRS_(\$84DA)_(\$84B6) OK

\$84B8 BD 34 83 LDA \$8334,X

\$84BB AA TAX

\$84BC A0 0F LDY #\$0F

//-----

L_BRS_(\$84BE)_(\$84D8) OK

//-----

\$84BE B9 AA 83 LDA \$83AA,Y

\$84C1 9D 24 43 STA \$4324,X

\$84C4 B9 BA 83 LDA \$83BA,Y

\$84C7 9D 4C 43 STA \$434C,X

\$84CA B9 CA 83 LDA \$83CA,Y

\$84CD 9D 74 43 STA \$4374,X

\$84D0 B9 DA 83 LDA \$83DA,Y

```
$84D3 9D 9C 43 STA $439C,X
$84D6 CA    DEX
$84D7 88    DEY
$84D8 10 E4  BPL L_BRS_($84BE)_($84D8) OK
//-----
L_BRS_($84DA)_($84B6) OK
//-----
$84DA CE 0D 91 DEC $910D
$84DD 10 D1  BPL L_BRS_($84B0)_($84DD) OK
$84DF 60    RTS
//-----
L_JSR_($84E0)_($8080) OK
//-----
$84E0 A9 00  LDA #$00
$84E2 8D 21 D0 STA $D021
$84E5 A9 0B  LDA #$0B
$84E7 8D 22 D0 STA $D022
$84EA A9 01  LDA #$01
$84EC 8D 23 D0 STA $D023
$84EF A0 13  LDY #$13
//-----
L_BRS_($84F1)_($8520) OK
//-----
$84F1 AD 20 91 LDA $9120
$84F4 D0 12  BNE L_BRS_($8508)_($84F4) OK
$84F6 AE 1C 91 LDX $911C
$84F9 BD 14 91 LDA $9114,X
$84FC 99 20 DB STA $DB20,Y
$84FF 99 48 DB STA $DB48,Y
```

```
$8502 99 70 DB STA $DB70,Y
$8505 99 98 DB STA $DB98,Y
//-----
L_BRS_($8508)_($84F4) OK
//-----
$8508 AD 21 91 LDA $9121
$850B D0 12 BNE L_BRS_($851F)_($850B) OK
$850D AE 1D 91 LDX $911D
$8510 BD 14 91 LDA $9114,X
$8513 99 34 DB STA $DB34,Y
$8516 99 5C DB STA $DB5C,Y
$8519 99 84 DB STA $DB84,Y
$851C 99 AC DB STA $DBAC,Y
//-----
L_BRS_($851F)_($850B) OK
//-----
$851F 88 DEY
$8520 10 CF BPL L_BRS_($84F1)_($8520) OK
$8522 A9 01 LDA #$01
$8524 8D 26 D0 STA $D026
$8527 A9 0A LDA #$0A
$8529 8D 25 D0 STA $D025
$852C 60 RTS
//-----
$852D 2E 58 82 ROL $8258
$8530 AC 2A 54 LDY $542A
$8533 7E A0 CB ROR $CBA0,X
$8536 .byte $00
//-----
```

L_JSR_(\$8537)_(\$8056) OK

L_JSR_(\$8537)_(\$82BC) OK

//-----

\$8537 A9 00 LDA # \$00

\$8539 8D 27 D0 STA \$D027

\$853C 8D 28 D0 STA \$D028

\$853F A9 A0 LDA # \$A0

\$8541 8D F8 43 STA \$43F8

\$8544 8D F9 43 STA \$43F9

\$8547 8D F8 47 STA \$47F8

\$854A 8D F9 47 STA \$47F9

\$854D AD 11 91 LDA \$9111

\$8550 8D 15 D0 STA \$D015

\$8553 A9 03 LDA # \$03

\$8555 8D 17 D0 STA \$D017

\$8558 A9 1F LDA # \$1F

\$855A 8D 00 D0 STA \$D000

\$855D A9 38 LDA # \$38

\$855F 8D 02 D0 STA \$D002

\$8562 AD 10 D0 LDA \$D010

\$8565 09 02 ORA # \$02

\$8567 8D 10 D0 STA \$D010

\$856A A9 00 LDA # \$00

\$856C 8D 36 85 STA \$8536

\$856F A9 03 LDA # \$03

\$8571 8D 0D DC STA \$DC0D

\$8574 A9 01 LDA # \$01

\$8576 8D 6D 82 STA \$826D

\$8579 A9 10 LDA # \$10

```

$857B 20 E8 8B JSR L_JSR_($8BE8)_($857B) OK
$857E 20 B4 86 JSR L_JSR_($86B4)_($857E) OK
$8581 60    RTS
//-----
$8582 AD 19 D0 LDA $D019
$8585 29 81  AND #$81
$8587 C9 81  CMP #$81
$8589 F0 03  BEQ L_BRS_($858E)_($8589) OK
$858B 4C 82 82 JMP L_JMP_($8282)_($858B) OK
//-----
L_BRS_($858E)_($8589) OK
//-----
$858E D8    CLD
$858F AD 55 86 LDA $8655
$8592 49 01  EOR #$01
$8594 8D 55 86 STA $8655
$8597 D0 6B  BNE L_BRS_($8604)_($8597) OK
$8599 A9 81  LDA #$81
$859B 8D 19 D0 STA $D019
$859E EE 50 82 INC $8250
$85A1 EE 51 82 INC $8251
$85A4 AD EB C4 LDA $C4EB
$85A7 0D EC C4 ORA $C4EC
$85AA D0 07  BNE L_BRS_($85B3)_($85AA) OK
$85AC AD 50 82 LDA $8250
$85AF 29 3F  AND #$3F
$85B1 D0 03  BNE L_BRS_($85B6)_($85B1) OK
//-----
L_BRS_($85B3)_($85AA) OK

```

```
//-----  
$85B3 20 12 BA JSR $BA12  
  
//-----  
L_BRS_($85B6)_($85B1) OK  
  
//-----  
$85B6 20 56 BA JSR $BA56  
$85B9 20 56 86 JSR L_JSR_($8656)_($85B9) OK  
$85BC AD 68 82 LDA $8268  
$85BF 0D 69 82 ORA $8269  
$85C2 F0 13 BEQ L_BRS_($85D7)_($85C2) OK  
$85C4 A9 00 LDA #$00  
$85C6 8D 68 82 STA $8268  
$85C9 8D 69 82 STA $8269  
$85CC A9 01 LDA #$01  
$85CE 8D 6D 82 STA $826D  
$85D1 AD 63 82 LDA $8263  
$85D4 8D 22 D0 STA $D022  
  
//-----  
L_BRS_($85D7)_($85C2) OK  
  
//-----  
$85D7 EE 55 82 INC $8255  
$85DA EE 56 82 INC $8256  
$85DD 20 E9 B8 JSR $B8E9  
$85E0 20 B4 86 JSR L_JSR_($86B4)_($85E0) OK  
$85E3 20 BF 92 JSR L_JSR_($92BF)_($85E3) OK  
$85E6 20 5C 91 JSR L_JSR_($915C)_($85E6) OK  
$85E9 20 CC 91 JSR L_JSR_($91CC)_($85E9) OK  
$85EC A9 01 LDA #$01  
$85EE 8D 23 D0 STA $D023
```



```
$85F1 A9 00 LDA #$00
$85F3 8D 21 D0 STA $D021
$85F6 AD 52 82 LDA $8252
$85F9 F0 03 BEQ L_BRS_($85FE)_($85F9) OK
$85FB 20 0B A1 JSR $A10B
//-----
L_BRS_($85FE)_($85F9) OK
//-----
$85FE 20 B2 CD JSR L_JSR_($CDB2)_($85FE) OK
$8601 4C 82 82 JMP L_JMP_($8282)_($8601) OK
//-----
L_BRS_($8604)_($8597) OK
//-----
$8604 A9 CF LDA #$CF
//-----
L_BRS_($8606)_($8609) OK
//-----
$8606 CD 12 D0 CMP $D012
$8609 D0 FB BNE L_BRS_($8606)_($8609) OK
$860B A9 7F LDA #$7F
$860D 8D 11 D0 STA $D011
$8610 A9 00 LDA #$00
$8612 8D 1C D0 STA $D01C
$8615 8D 15 D0 STA $D015
$8618 A9 00 LDA #$00
$861A 8D 29 D0 STA $D029
$861D 8D 2A D0 STA $D02A
$8620 8D 2B D0 STA $D02B
$8623 8D 2C D0 STA $D02C
```

```
$8626 8D 2D D0 STA $D02D
$8629 8D 2E D0 STA $D02E
$862C A9 08 LDA #$08
$862E 8D 18 D0 STA $D018
$8631 A9 D6 LDA #$D6
//-----
L_BRS_($8633)_($8636) OK
//-----
$8633 CD 12 D0 CMP $D012
$8636 D0 FB BNE L_BRS_($8633)_($8636) OK
$8638 A2 07 LDX #$07
//-----
L_BRS_($863A)_($863B) OK
//-----
$863A CA DEX
$863B 10 FD BPL L_BRS_($863A)_($863B) OK
$863D EA NOP
$863E A9 1F LDA #$1F
$8640 8D 11 D0 STA $D011
$8643 A9 18 LDA #$18
$8645 8D 16 D0 STA $D016
$8648 A9 F8 LDA #$F8
$864A 8D 12 D0 STA $D012
$864D A9 81 LDA #$81
$864F 8D 19 D0 STA $D019
$8652 4C 82 82 JMP L_JMP_($8282)_($8652) OK
$8655 .byte $00
//-----
L_JSR_($8656)_($85B9) OK
```

```

//-----
$8656 20 85 8C JSR L_JSR_($8C85)_($8656) OK
$8659 20 74 92 JSR L_JSR_($9274)_($8659) OK
$865C 20 47 A8 JSR $A847
$865F 20 D9 92 JSR L_JSR_($92D9)_($865F) OK
$8662 20 43 88 JSR L_JSR_($8843)_($8662) OK
$8665 20 37 87 JSR L_JSR_($8737)_($8665) OK
$8668 20 F2 86 JSR L_JSR_($86F2)_($8668) OK
$866B 60    RTS
//-----
$866C AD 19 D0 LDA $D019
$866F 29 81    AND # $81
$8671 C9 81    CMP # $81
$8673 F0 03    BEQ L_BRS_($8678)_($8673) OK
$8675 4C 82 82 JMP L_JMP_($8282)_($8675) OK
//-----
L_BRS_($8678)_($8673) OK
//-----
$8678 D8    CLD
$8679 AE 36 85 LDX $8536
$867C BD 32 85 LDA $8532,X
$867F 8D 12 D0 STA $D012
$8682 BD 2D 85 LDA $852D,X
$8685 8D 01 D0 STA $D001
$8688 8D 03 D0 STA $D003
$868B E8    INX
$868C 8E 36 85 STX $8536
$868F E0 04    CPX # $04
$8691 F0 09    BEQ L_BRS_($869C)_($8691) OK

```

\$8693 AA TAX
\$8694 A9 81 LDA #81
\$8696 8D 19 D0 STA \$D019
\$8699 4C 82 82 JMP L_JMP_(\$8282)_(\$8699) OK
//-----
L_BRS_(\$869C)_(\$8691) OK
//-----
\$869C 78 SEI
\$869D A9 00 LDA #0
\$869F 8D 36 85 STA \$8536
\$86A2 A9 82 LDA #82
\$86A4 8D 14 03 STA \$0314
\$86A7 A9 85 LDA #85
\$86A9 8D 15 03 STA \$0315
\$86AC A9 81 LDA #81
\$86AE 8D 19 D0 STA \$D019
\$86B1 4C 82 82 JMP L_JMP_(\$8282)_(\$86B1) OK
//-----
L_JSR_(\$86B4)_(\$857E) OK
L_JSR_(\$86B4)_(\$85E0) OK
//-----
\$86B4 78 SEI
\$86B5 A9 6C LDA #6C
\$86B7 8D 14 03 STA \$0314
\$86BA A9 86 LDA #86
\$86BC 8D 15 03 STA \$0315
\$86BF AD 31 85 LDA \$8531
\$86C2 8D 12 D0 STA \$D012
\$86C5 AD 5B 82 LDA \$825B

```
$86C8 0D 37 88 ORA $8837
$86CB 8D 11 D0 STA $D011
$86CE A9 10 LDA #$10
$86D0 0D 38 88 ORA $8838
$86D3 8D 16 D0 STA $D016
$86D6 A9 01 LDA #$01
$86D8 8D 19 D0 STA $D019
$86DB 0D 1A D0 ORA $D01A
$86DE 8D 1A D0 STA $D01A
$86E1 AD 59 82 LDA $8259
$86E4 0D 5A 82 ORA $825A
$86E7 8D 18 D0 STA $D018
$86EA 58 CLI
$86EB 60 RTS
//-----
$86EC 78 SEI
$86ED 20 FD 81 JSR L_JSR_($81FD)_($86ED) OK
$86F0 58 CLI
$86F1 60 RTS
//-----
L_JSR_($86F2)_($8668) OK
//-----
$86F2 AD B2 8E LDA $8EB2
$86F5 4D B3 8E EOR $8EB3
$86F8 49 0F EOR #$0F
$86FA 8D 66 82 STA $8266
$86FD 29 03 AND #$03
$86FF D0 08 BNE L_BRS_($8709)_($86FF) OK
$8701 AD 40 88 LDA $8840
```

\$8704 09 03 ORA #03
\$8706 8D 40 88 STA \$8840
//-----
L_BRS_(\$8709)_(\$86FF) OK
//-----
\$8709 AD 66 82 LDA \$8266
\$870C 29 0C AND #0C
\$870E D0 08 BNE L_BRS_(\$8718)_(\$870E) OK
\$8710 AD 40 88 LDA \$8840
\$8713 09 0C ORA #0C
\$8715 8D 40 88 STA \$8840
//-----
L_BRS_(\$8718)_(\$870E) OK
//-----
\$8718 AD 40 88 LDA \$8840
\$871B 29 03 AND #03
\$871D D0 08 BNE L_BRS_(\$8727)_(\$871D) OK
\$871F AD 40 88 LDA \$8840
\$8722 09 03 ORA #03
\$8724 8D 40 88 STA \$8840
//-----
L_BRS_(\$8727)_(\$871D) OK
//-----
\$8727 AD 40 88 LDA \$8840
\$872A 29 0C AND #0C
\$872C D0 08 BNE L_BRS_(\$8736)_(\$872C) OK
\$872E AD 40 88 LDA \$8840
\$8731 09 0C ORA #0C
\$8733 8D 40 88 STA \$8840

```
//-----  
L_BRS_($8736)_($872C) OK  
  
//-----  
$8736 60    RTS  
  
//-----  
L_JSR_($8737)_($8665) OK  
  
//-----  
$8737 AD 40 88 LDA $8840  
$873A C9 0F    CMP #$0F  
$873C D0 1A    BNE L_BRS_($8758)_($873C) OK  
$873E CE 6C 82 DEC $826C  
$8741 AD 6C 82 LDA $826C  
$8744 29 03    AND #$03  
$8746 D0 03    BNE L_BRS_($874B)_($8746) OK  
$8748 EE 68 82 INC $8268  
  
//-----  
L_BRS_($874B)_($8746) OK  
  
//-----  
$874B AD 6C 82 LDA $826C  
$874E D0 0D    BNE L_BRS_($875D)_($874E) OK  
$8750 A9 08    LDA #$08  
$8752 8D 6C 82 STA $826C  
$8755 4C 74 87 JMP L_JMP_($8774)_($8755) OK  
  
//-----  
L_BRS_($8758)_($873C) OK  
  
//-----  
$8758 AD 6B 82 LDA $826B  
$875B D0 01    BNE L_BRS_($875E)_($875B) OK  
  
//-----
```

L_BRS_(\$875D)_(\$874E) OK

//-----

\$875D 60 RTS

//-----

L_BRS_(\$875E)_(\$875B) OK

//-----

\$875E AD 40 88 LDA \$8840

\$8761 C9 09 CMP #\$09

\$8763 F0 04 BEQ L_BRS_(\$8769)_(\$8763) OK

\$8765 C9 06 CMP #\$06

\$8767 D0 0B BNE L_BRS_(\$8774)_(\$8767) OK

//-----

L_BRS_(\$8769)_(\$8763) OK

//-----

\$8769 AD 37 88 LDA \$8837

\$876C 18 CLC

\$876D 69 01 ADC #\$01

\$876F 29 06 AND #\$06

\$8771 8D 37 88 STA \$8837

//-----

L_JMP_(\$8774)_(\$8755) OK

L_BRS_(\$8774)_(\$8767) OK

//-----

\$8774 AD 4A B7 LDA \$B74A

\$8777 8D 6A 82 STA \$826A

\$877A A9 08 LDA #\$08

\$877C 8D 39 88 STA \$8839

\$877F AD 3A 88 LDA \$883A

\$8782 8D 3B 88 STA \$883B


```
$8785 AD 3C 88 LDA $883C
$8788 8D 3D 88 STA $883D
$878B 20 E0 87 JSR L_JSR_($87E0)_($878B) OK
$878E AD 2A 88 LDA $882A
$8791 29 1F AND #$1F
$8793 8D B0 8E STA $8EB0
$8796 C9 10 CMP #$10
$8798 B0 02 BCS L_BRS_($879C)_($8798) OK
$879A A9 0F LDA #$0F
//-----
L_BRS_($879C)_($8798) OK
//-----
$879C 29 0F AND #$0F
$879E 0D 4A B7 ORA $B74A
$87A1 8D B2 8E STA $8EB2
$87A4 AD 00 DC LDA $DC00
$87A7 29 1F AND #$1F
$87A9 8D B1 8E STA $8EB1
$87AC C9 10 CMP #$10
$87AE B0 02 BCS L_BRS_($87B2)_($87AE) OK
$87B0 A9 0F LDA #$0F
//-----
L_BRS_($87B2)_($87AE) OK
//-----
$87B2 29 0F AND #$0F
$87B4 0D 4B B7 ORA $B74B
$87B7 8D B3 8E STA $8EB3
$87BA 20 75 AD JSR $AD75
$87BD A9 00 LDA #$00
```

```
$87BF 8D 41 88 STA $8841
$87C2 20 1E 93 JSR L_JSR_($931E)_($87C2) OK
$87C5 20 F9 93 JSR L_JSR_($93F9)_($87C5) OK
$87C8 A9 0F LDA #$0F
$87CA 8D 40 88 STA $8840
$87CD 20 38 96 JSR L_JSR_($9638)_($87CD) OK
$87D0 AD B3 8E LDA $8EB3
$87D3 2D B2 8E AND $8EB2
$87D6 C9 0F CMP #$0F
$87D8 F0 05 BEQ L_BRS_($87DF)_($87D8) OK
$87DA A9 00 LDA #$00
$87DC 8D 6B 82 STA $826B
//-----
L_BRS_($87DF)_($87D8) OK
//-----
$87DF 60 RTS
//-----
L_JSR_($87E0)_($878B) OK
//-----
$87E0 A9 FF LDA #$FF
$87E2 8D 02 DC STA $DC02
$87E5 A9 00 LDA #$00
$87E7 8D 03 DC STA $DC03
$87EA A0 07 LDY #$07
//-----
L_BRS_($87EC)_($87F9) OK
//-----
$87EC B9 1A 88 LDA $881A,Y
$87EF 8D 00 DC STA $DC00
```

```

$87F2 AD 01 DC LDA $DC01
$87F5 99 2A 88 STA $882A,Y
$87F8 88    DEY
$87F9 10 F1  BPL L_BRS_($87EC)_($87F9) OK
$87FB 60    RTS
//-----
$87FC AD 2A 88 LDA $882A
$87FF 0D 2B 88 ORA $882B
$8802 0D 2C 88 ORA $882C
$8805 0D 2D 88 ORA $882D
$8808 0D 2E 88 ORA $882E
$880B 0D 2F 88 ORA $882F
$880E 0D 30 88 ORA $8830
$8811 0D 31 88 ORA $8831
$8814 29 1F  AND # $1F
$8816 8D B1 8E STA $8EB1
$8819 60    RTS
//-----
$881A      .byte $7F,$BF,$DF,$EF,$F7,$FB
$8820 FD FE 01 SBC $01FE,X
$8823      .byte $02,$04
$8825 08    PHP
$8826 10 20  BPL L_BRS_($8848)_($8826) BAD
$8828 40    RTI
//-----
$8829      .byte $80,$FF,$FF,$FF,$FF,$FF,$FF,$FF
$8831      .byte $FF,$00,$00,$00,$00,$00,$04,$04
$8839 08    PHP
$883A      .byte $04,$04

```

```

$883C 2C 2C 24 BIT $242C
//-----
L_JSR_($8842)_($1183) JAM
//-----
$883F      .byte $14,$0F,$00,$0F
//-----
L_JSR_($8843)_($8662) OK
//-----
$8843 AD 40 88 LDA $8840
//-----
L_BRS_($8848)_($8826) BAD
//-----
$8846 0D 41 88 ORA $8841
$8849 48     PHA
$884A C9 0E   CMP #$0E
$884C D0 03   BNE L_BRS_($8851)_($884C) OK
$884E 20 52 89 JSR L_JSR_($8952)_($884E) OK
//-----
L_BRS_($8851)_($884C) OK
//-----
$8851 68     PLA
$8852 48     PHA
$8853 C9 0D   CMP #$0D
$8855 D0 03   BNE L_BRS_($885A)_($8855) OK
$8857 20 78 89 JSR L_JSR_($8978)_($8857) OK
//-----
L_BRS_($885A)_($8855) OK
//-----
$885A 68     PLA

```

\$885B 48 PHA
\$885C C9 07 CMP #07
\$885E D0 03 BNE L_BRS_(\$8863)_(\$885E) OK
//-----
L_JSR_(\$8861)_(\$11C5) BAD
//-----
\$8860 20 BE 88 JSR L_JSR_(\$88BE)_(\$8860) OK
//-----
L_BRS_(\$8863)_(\$885E) OK
//-----
\$8863 68 PLA
\$8864 48 PHA
\$8865 C9 0B CMP #0B
\$8867 D0 03 BNE L_BRS_(\$886C)_(\$8867) OK
\$8869 20 98 88 JSR L_JSR_(\$8898)_(\$8869) OK
//-----
L_BRS_(\$886C)_(\$8867) OK
//-----
\$886C 68 PLA
\$886D 48 PHA
\$886E C9 09 CMP #09
\$8870 D0 03 BNE L_BRS_(\$8875)_(\$8870) OK
\$8872 20 D3 89 JSR L_JSR_(\$89D3)_(\$8872) OK
//-----
L_BRS_(\$8875)_(\$8870) OK
//-----
\$8875 68 PLA
\$8876 48 PHA
\$8877 C9 05 CMP #05

\$8879 D0 03 BNE L_BRS_(\$887E)_(\$8879) OK

\$887B 20 E4 88 JSR L_JSR_(\$88E4)_(\$887B) OK

//-----

L_BRS_(\$887E)_(\$8879) OK

//-----

\$887E 68 PLA

\$887F 48 PHA

\$8880 C9 06 CMP #\$06

\$8882 D0 03 BNE L_BRS_(\$8887)_(\$8882) OK

\$8884 20 19 89 JSR L_JSR_(\$8919)_(\$8884) OK

//-----

L_BRS_(\$8887)_(\$8882) OK

//-----

\$8887 68 PLA

\$8888 C9 0A CMP #\$0A

\$888A D0 03 BNE L_BRS_(\$888F)_(\$888A) OK

\$888C 20 9E 89 JSR L_JSR_(\$899E)_(\$888C) OK

//-----

L_BRS_(\$888F)_(\$888A) OK

//-----

\$888F AD 37 88 LDA \$8837

\$8892 29 07 AND #\$07

\$8894 8D 37 88 STA \$8837

\$8897 60 RTS

//-----

L_JSR_(\$8898)_(\$8869) OK

//-----

\$8898 EE 38 88 INC \$8838

\$889B EE 38 88 INC \$8838

```
$889E CE 6F 82 DEC $826F
$88A1 CE 39 88 DEC $8839
$88A4 D0 03 BNE L_BRS_($88A9)_($88A4) OK
$88A6 EE 6B 82 INC $826B
//-----
L_JSR_($88A9)_($1186) OK
L_BRS_($88A9)_($88A4) OK
//-----
$88A9 AD 38 88 LDA $8838
$88AC 29 06 AND #$06
$88AE 8D 38 88 STA $8838
$88B1 C9 06 CMP #$06
$88B3 D0 08 BNE L_BRS_($88BD)_($88B3) OK
$88B5 A9 01 LDA #$01
$88B7 8D 68 82 STA $8268
$88BA CE 3A 88 DEC $883A
//-----
L_BRS_($88BD)_($88B3) OK
//-----
$88BD 60 RTS
//-----
L_JSR_($88BE)_($8860) OK
//-----
$88BE CE 38 88 DEC $8838
$88C1 CE 38 88 DEC $8838
$88C4 EE 6F 82 INC $826F
$88C7 CE 39 88 DEC $8839
$88CA D0 03 BNE L_BRS_($88CF)_($88CA) OK
$88CC EE 6B 82 INC $826B
```

```

//-----
L_BRS_($88CF)_($88CA) OK
//-----
$88CF AD 38 88 LDA $8838
$88D2 29 06 AND #$06
$88D4 8D 38 88 STA $8838
$88D7 C9 00 CMP #$00
$88D9 D0 08 BNE L_BRS_($88E3)_($88D9) OK
$88DB A9 01 LDA #$01
$88DD 8D 68 82 STA $8268
$88E0 EE 3A 88 INC $883A
//-----
L_BRS_($88E3)_($88D9) OK
//-----
$88E3 60 RTS
//-----
L_JSR_($88E4)_($887B) OK
//-----
$88E4 CE 38 88 DEC $8838
$88E7 CE 38 88 DEC $8838
$88EA EE 6F 82 INC $826F
$88ED EE 70 82 INC $8270
$88F0 CE 37 88 DEC $8837
$88F3 CE 37 88 DEC $8837
$88F6 CE 39 88 DEC $8839
$88F9 D0 03 BNE L_BRS_($88FE)_($88F9) OK
$88FB EE 6B 82 INC $826B
//-----
L_BRS_($88FE)_($88F9) OK

```



```

//-----
$88FE AD 38 88 LDA $8838
$8901 29 06 AND #$06
$8903 8D 38 88 STA $8838
$8906 8D 37 88 STA $8837
$8909 C9 00 CMP #$00
$890B D0 0B BNE L_BRS_($8918)_($890B) OK
$890D A9 01 LDA #$01
$890F 8D 68 82 STA $8268
$8912 EE 3A 88 INC $883A
$8915 EE 3C 88 INC $883C
//-----
L_BRS_($8918)_($890B) OK
//-----
$8918 60 RTS
//-----
L_JSR_($8919)_($8884) OK
//-----
$8919 CE 38 88 DEC $8838
$891C EE 37 88 INC $8837
$891F CE 38 88 DEC $8838
$8922 EE 37 88 INC $8837
$8925 EE 6F 82 INC $826F
$8928 CE 70 82 DEC $8270
$892B CE 39 88 DEC $8839
$892E D0 03 BNE L_BRS_($8933)_($892E) OK
$8930 EE 6B 82 INC $826B
//-----
L_BRS_($8933)_($892E) OK

```

```
//-----  
$8933 AD 38 88 LDA $8838  
$8936 29 06 AND #06  
$8938 8D 38 88 STA $8838  
$893B AA TAX  
$893C BD 0C 8A LDA $8A0C,X  
$893F 8D 37 88 STA $8837  
$8942 E0 00 CPX #00  
$8944 D0 0B BNE L_BRS_($8951)_($8944) OK  
$8946 A9 01 LDA #01  
$8948 8D 68 82 STA $8268  
$894B EE 3A 88 INC $883A  
$894E CE 3C 88 DEC $883C  
//-----  
L_BRS_($8951)_($8944) OK  
//-----  
$8951 60 RTS  
//-----  
L_JSR_($8952)_($884E) OK  
//-----  
$8952 EE 37 88 INC $8837  
$8955 EE 37 88 INC $8837  
$8958 CE 70 82 DEC $8270  
$895B CE 39 88 DEC $8839  
$895E D0 03 BNE L_BRS_($8963)_($895E) OK  
$8960 EE 6B 82 INC $826B  
//-----  
L_BRS_($8963)_($895E) OK  
//-----
```

```
$8963 AD 37 88 LDA $8837
$8966 29 06 AND #$06
$8968 8D 37 88 STA $8837
$896B C9 06 CMP #$06
$896D D0 08 BNE L_BRS_($8977)_($896D) OK
$896F A9 01 LDA #$01
$8971 8D 68 82 STA $8268
$8974 CE 3C 88 DEC $883C
//-----
L_BRS_($8977)_($896D) OK
//-----
$8977 60 RTS
//-----
L_JSR_($8978)_($8857) OK
//-----
$8978 CE 37 88 DEC $8837
$897B CE 37 88 DEC $8837
$897E EE 70 82 INC $8270
$8981 CE 39 88 DEC $8839
$8984 D0 03 BNE L_BRS_($8989)_($8984) OK
$8986 EE 6B 82 INC $826B
//-----
L_BRS_($8989)_($8984) OK
//-----
$8989 AD 37 88 LDA $8837
$898C 29 06 AND #$06
$898E 8D 37 88 STA $8837
$8991 C9 00 CMP #$00
$8993 D0 08 BNE L_BRS_($899D)_($8993) OK
```

```
$8995 A9 01 LDA #$01
$8997 8D 68 82 STA $8268
$899A EE 3C 88 INC $883C
//-----
L_BRS_($899D)_($8993) OK
//-----
$899D 60 RTS
//-----
L_JSR_($899E)_($888C) OK
//-----
$899E EE 38 88 INC $8838
$89A1 EE 37 88 INC $8837
$89A4 EE 38 88 INC $8838
$89A7 EE 37 88 INC $8837
$89AA CE 6F 82 DEC $826F
$89AD CE 70 82 DEC $8270
$89B0 CE 39 88 DEC $8839
$89B3 D0 03 BNE L_BRS_($89B8)_($89B3) OK
$89B5 EE 6B 82 INC $826B
//-----
L_BRS_($89B8)_($89B3) OK
//-----
$89B8 AD 38 88 LDA $8838
$89BB 29 06 AND #$06
$89BD 8D 38 88 STA $8838
$89C0 8D 37 88 STA $8837
$89C3 C9 06 CMP #$06
$89C5 D0 0B BNE L_BRS_($89D2)_($89C5) OK
$89C7 A9 01 LDA #$01
```

\$89C9 8D 68 82 STA \$8268
\$89CC CE 3A 88 DEC \$883A
\$89CF CE 3C 88 DEC \$883C
//-----
L_BRS_(\$89D2)_(\$89C5) OK
//-----
\$89D2 60 RTS
//-----
L_JSR_(\$89D3)_(\$8872) OK
//-----
\$89D3 EE 38 88 INC \$8838
\$89D6 CE 37 88 DEC \$8837
\$89D9 EE 38 88 INC \$8838
\$89DC CE 37 88 DEC \$8837
\$89DF CE 6F 82 DEC \$826F
\$89E2 EE 70 82 INC \$8270
\$89E5 CE 39 88 DEC \$8839
\$89E8 D0 03 BNE L_BRS_(\$89ED)_(\$89E8) OK
\$89EA EE 6B 82 INC \$826B
//-----
L_BRS_(\$89ED)_(\$89E8) OK
//-----
\$89ED AD 38 88 LDA \$8838
\$89F0 29 06 AND #\$06
\$89F2 8D 38 88 STA \$8838
\$89F5 AA TAX
\$89F6 BD 0C 8A LDA \$8A0C,X
\$89F9 8D 37 88 STA \$8837
\$89FC E0 06 CPX #\$06

```

$89FE D0 0B  BNE L_BRS_($8A0B)_($89FE) OK
$8A00 A9 01  LDA #$01
$8A02 8D 68 82 STA $8268
$8A05 CE 3A 88 DEC $883A
$8A08 EE 3C 88 INC $883C
//-----
L_BRS_($8A0B)_($89FE) OK
//-----
$8A0B 60    RTS
//-----
$8A0C      .byte $07,$07
$8A0E 05 05  ORA $05
$8A10      .byte $03,$03
$8A12 01 01  ORA ($01,X)
//-----
L_JSR_($8A14)_($8104) OK
L_JSR_($8A14)_($812E) OK
L_JSR_($8A14)_($8199) OK
L_JSR_($8A14)_($8ED2) OK
//-----
$8A14 AD 3A 88 LDA $883A
$8A17 29 3F  AND #$3F
$8A19 8D 3A 88 STA $883A
$8A1C 8D 82 8A STA $8A82
$8A1F 8D 56 8B STA $8B56
$8A22 8D 07 8C STA $8C07
$8A25 A5 FF  LDA $FF
$8A27 F0 03  BEQ L_BRS_($8A2C)_($8A27) OK
$8A29 4C 00 8B JMP L_JMP_($8B00)_($8A29) OK

```

```
//-----  
L_BRS_($8A2C)_($8A27) OK
```

```
//-----  
$8A2C A9 00 LDA #$00  
$8A2E 85 FB STA $FB  
$8A30 AD 3C 88 LDA $883C  
$8A33 29 3F AND #$3F  
$8A35 4A LSR A  
$8A36 66 FB ROR $FB  
$8A38 4A LSR A  
$8A39 66 FB ROR $FB  
$8A3B 69 20 ADC #$20  
$8A3D 8D 0B 8C STA $8C0B  
$8A40 69 10 ADC #$10  
$8A42 8D 86 8A STA $8A86  
$8A45 A5 FB LDA $FB  
$8A47 8D 85 8A STA $8A85  
$8A4A 8D 0A 8C STA $8C0A  
$8A4D A5 FF LDA $FF  
$8A4F 49 04 EOR #$04  
$8A51 85 FF STA $FF  
$8A53 A9 00 LDA #$00  
$8A55 8D 59 82 STA $8259  
$8A58 A2 13 LDX #$13
```

```
//-----  
L_BRS_($8A5A)_($8A7D) OK
```

```
//-----  
$8A5A BC D4 8B LDY $8BD4,X  
$8A5D B9 0A 8C LDA $8C0A,Y
```

```
$8A60 18    CLC
$8A61 69 40  ADC #$40
$8A63 99 10 8C STA $8C10,Y
$8A66 99 8B 8A STA $8A8B,Y
$8A69 B9 0B 8C LDA $8C0B,Y
$8A6C 90 06  BCC L_BRS_($8A74)_($8A6C) OK
$8A6E 69 00  ADC #$00
$8A70 29 0F  AND #$0F
$8A72 69 20  ADC #$20
//-----
L_BRS_($8A74)_($8A6C) OK
//-----
$8A74 99 11 8C STA $8C11,Y
$8A77 69 10  ADC #$10
$8A79 99 8C 8A STA $8A8C,Y
$8A7C CA    DEX
$8A7D D0 DB  BNE L_BRS_($8A5A)_($8A7D) OK
$8A7F A2 20  LDX #$20
//-----
L_BRS_($8A81)_($8AFD) OK
//-----
$8A81 BC 04 8E LDY $8E04,X
$8A84 B9 00 3B LDA $3B00,Y
$8A87 9D 03 40 STA $4003,X
$8A8A B9 40 3B LDA $3B40,Y
$8A8D 9D 2B 40 STA $402B,X
$8A90 B9 80 3B LDA $3B80,Y
$8A93 9D 53 40 STA $4053,X
$8A96 B9 C0 3B LDA $3BC0,Y
```


\$8A99 9D 7B 40 STA \$407B,X
\$8A9C B9 00 3C LDA \$3C00,Y
\$8A9F 9D A3 40 STA \$40A3,X
\$8AA2 B9 40 3C LDA \$3C40,Y
\$8AA5 9D CB 40 STA \$40CB,X
\$8AA8 B9 80 3C LDA \$3C80,Y
\$8AAB 9D F3 40 STA \$40F3,X
\$8AAE B9 C0 3C LDA \$3CC0,Y
\$8AB1 9D 1B 41 STA \$411B,X
\$8AB4 B9 00 3D LDA \$3D00,Y
\$8AB7 9D 43 41 STA \$4143,X
\$8ABA B9 40 3D LDA \$3D40,Y
\$8ABD 9D 6B 41 STA \$416B,X
\$8AC0 B9 80 3D LDA \$3D80,Y
\$8AC3 9D 93 41 STA \$4193,X
\$8AC6 B9 C0 3D LDA \$3DC0,Y
\$8AC9 9D BB 41 STA \$41BB,X
\$8ACC B9 00 3E LDA \$3E00,Y
\$8ACF 9D E3 41 STA \$41E3,X
\$8AD2 B9 40 3E LDA \$3E40,Y
\$8AD5 9D 0B 42 STA \$420B,X
\$8AD8 B9 80 3E LDA \$3E80,Y
\$8ADB 9D 33 42 STA \$4233,X
\$8ADE B9 C0 3E LDA \$3EC0,Y
\$8AE1 9D 5B 42 STA \$425B,X
\$8AE4 B9 00 3F LDA \$3F00,Y
\$8AE7 9D 83 42 STA \$4283,X
\$8AEA B9 40 3F LDA \$3F40,Y
\$8AED 9D AB 42 STA \$42AB,X

```
$8AF0 B9 80 3F LDA $3F80,Y
$8AF3 9D D3 42 STA $42D3,X
$8AF6 B9 C0 3F LDA $3FC0,Y
$8AF9 9D FB 42 STA $42FB,X
$8AFC CA    DEX
$8AFD 10 82  BPL L_BRS_($8A81)_($8AFD) OK
$8AFF 60    RTS
//-----
L_JMP_($8B00)_($8A29) OK
//-----
$8B00 A9 00  LDA #$00
$8B02 85 FB  STA $FB
$8B04 AD 3C 88 LDA $883C
$8B07 29 3F  AND #$3F
$8B09 4A    LSR A
$8B0A 66 FB  ROR $FB
$8B0C 4A    LSR A
$8B0D 66 FB  ROR $FB
$8B0F 69 20  ADC #$20
$8B11 8D 0B 8C STA $8C0B
$8B14 69 10  ADC #$10
$8B16 8D 5A 8B STA $8B5A
$8B19 A5 FB  LDA $FB
$8B1B 8D 59 8B STA $8B59
$8B1E 8D 0A 8C STA $8C0A
$8B21 A5 FF  LDA $FF
$8B23 49 04  EOR #$04
$8B25 85 FF  STA $FF
$8B27 A9 10  LDA #$10
```

```
$8B29 8D 59 82 STA $8259
$8B2C A2 13 LDX #$13
//-----
L_BRS_($8B2E)_($8B51) OK
//-----
$8B2E BC D4 8B LDY $8BD4,X
$8B31 B9 0A 8C LDA $8C0A,Y
$8B34 18 CLC
$8B35 69 40 ADC #$40
$8B37 99 10 8C STA $8C10,Y
$8B3A 99 5F 8B STA $8B5F,Y
$8B3D B9 0B 8C LDA $8C0B,Y
$8B40 90 06 BCC L_BRS_($8B48)_($8B40) OK
$8B42 69 00 ADC #$00
$8B44 29 0F AND #$0F
$8B46 69 20 ADC #$20
//-----
L_BRS_($8B48)_($8B40) OK
//-----
$8B48 99 11 8C STA $8C11,Y
$8B4B 69 10 ADC #$10
$8B4D 99 60 8B STA $8B60,Y
$8B50 CA DEX
$8B51 D0 DB BNE L_BRS_($8B2E)_($8B51) OK
$8B53 A2 20 LDX #$20
//-----
L_BRS_($8B55)_($8BD1) OK
//-----
$8B55 BC 04 8E LDY $8E04,X
```

\$8B58 B9 00 3B LDA \$3B00,Y
\$8B5B 9D 03 44 STA \$4403,X
\$8B5E B9 40 3B LDA \$3B40,Y
\$8B61 9D 2B 44 STA \$442B,X
\$8B64 B9 80 3B LDA \$3B80,Y
\$8B67 9D 53 44 STA \$4453,X
\$8B6A B9 C0 3B LDA \$3BC0,Y
\$8B6D 9D 7B 44 STA \$447B,X
\$8B70 B9 00 3C LDA \$3C00,Y
\$8B73 9D A3 44 STA \$44A3,X
\$8B76 B9 40 3C LDA \$3C40,Y
\$8B79 9D CB 44 STA \$44CB,X
\$8B7C B9 80 3C LDA \$3C80,Y
\$8B7F 9D F3 44 STA \$44F3,X
\$8B82 B9 C0 3C LDA \$3CC0,Y
\$8B85 9D 1B 45 STA \$451B,X
\$8B88 B9 00 3D LDA \$3D00,Y
\$8B8B 9D 43 45 STA \$4543,X
\$8B8E B9 40 3D LDA \$3D40,Y
\$8B91 9D 6B 45 STA \$456B,X
\$8B94 B9 80 3D LDA \$3D80,Y
\$8B97 9D 93 45 STA \$4593,X
\$8B9A B9 C0 3D LDA \$3DC0,Y
\$8B9D 9D BB 45 STA \$45BB,X
\$8BA0 B9 00 3E LDA \$3E00,Y
\$8BA3 9D E3 45 STA \$45E3,X
\$8BA6 B9 40 3E LDA \$3E40,Y
\$8BA9 9D 0B 46 STA \$460B,X
\$8BAC B9 80 3E LDA \$3E80,Y

```

$8BAF 9D 33 46 STA $4633,X
$8BB2 B9 C0 3E LDA $3EC0,Y
$8BB5 9D 5B 46 STA $465B,X
$8BB8 B9 00 3F LDA $3F00,Y
$8BBB 9D 83 46 STA $4683,X
$8BBE B9 40 3F LDA $3F40,Y
$8BC1 9D AB 46 STA $46AB,X
$8BC4 B9 80 3F LDA $3F80,Y
$8BC7 9D D3 46 STA $46D3,X
$8BCA B9 C0 3F LDA $3FC0,Y
$8BCD 9D FB 46 STA $46FB,X
$8BD0 CA    DEX
$8BD1 10 82  BPL L_BRS_($8B55)_($8BD1) OK
$8BD3 60    RTS
//-----
$8BD4      .byte $72
$8BD5 6C 66 60 JMP ($6066)
$8BD8      .byte $5A,$54
$8BDA 4E 48 42 LSR $4248
$8BDD      .byte $3C
$8BDE 36 30  ROL $30,X
$8BE0 2A    ROL A
$8BE1 24 1E  BIT $1E
$8BE3 18    CLC
$8BE4      .byte $12,$0C
$8BE6 06 00  ASL $00
//-----
L_JSR_($8BE8)_($8117) OK
L_JSR_($8BE8)_($812B) OK

```

```

L_JSR_($8BE8)_($8196) OK
L_JSR_($8BE8)_($8204) OK
L_JSR_($8BE8)_($857B) OK
//-----
$8BE8 48    PHA
//-----
L_BRS_($8BE9)_($8BEC) OK
//-----
$8BE9 AD 6D 82 LDA $826D
$8BEC F0 FB    BEQ L_BRS_($8BE9)_($8BEC) OK
$8BEE A9 00    LDA #$00
$8BF0 8D 6D 82 STA $826D
$8BF3 68    PLA
//-----
L_BRS_($8BF4)_($8BF7) OK
//-----
$8BF4 2C 11 D0 BIT $D011
$8BF7 30 FB    BMI L_BRS_($8BF4)_($8BF7) OK
//-----
L_BRS_($8BF9)_($8BFC) OK
//-----
$8BF9 2C 12 D0 BIT $D012
$8BFC 30 FB    BMI L_BRS_($8BF9)_($8BFC) OK
//-----
L_BRS_($8BFE)_($8C01) OK
//-----
$8BFE CD 12 D0 CMP $D012
$8C01 D0 FB    BNE L_BRS_($8BFE)_($8C01) OK
$8C03 60    RTS

```

//-----

L_JSR_(\$8C04)_(\$8107) OK

L_JSR_(\$8C04)_(\$8131) OK

L_JSR_(\$8C04)_(\$819C) OK

L_JSR_(\$8C04)_(\$8ED5) OK

//-----

\$8C04 A2 20 LDX #\$20

//-----

L_BRS_(\$8C06)_(\$8C82) OK

//-----

\$8C06 BC 04 8E LDY \$8E04,X

\$8C09 B9 00 2B LDA \$2B00,Y

\$8C0C 9D 03 D8 STA \$D803,X

\$8C0F B9 40 2B LDA \$2B40,Y

\$8C12 9D 2B D8 STA \$D82B,X

\$8C15 B9 80 2B LDA \$2B80,Y

\$8C18 9D 53 D8 STA \$D853,X

\$8C1B B9 C0 2B LDA \$2BC0,Y

\$8C1E 9D 7B D8 STA \$D87B,X

\$8C21 B9 00 2C LDA \$2C00,Y

\$8C24 9D A3 D8 STA \$D8A3,X

\$8C27 B9 40 2C LDA \$2C40,Y

\$8C2A 9D CB D8 STA \$D8CB,X

\$8C2D B9 80 2C LDA \$2C80,Y

\$8C30 9D F3 D8 STA \$D8F3,X

\$8C33 B9 C0 2C LDA \$2CC0,Y

\$8C36 9D 1B D9 STA \$D91B,X

\$8C39 B9 00 2D LDA \$2D00,Y

\$8C3C 9D 43 D9 STA \$D943,X

```
$8C3F B9 40 2D LDA $2D40,Y
$8C42 9D 6B D9 STA $D96B,X
$8C45 B9 80 2D LDA $2D80,Y
$8C48 9D 93 D9 STA $D993,X
$8C4B B9 C0 2D LDA $2DC0,Y
$8C4E 9D BB D9 STA $D9BB,X
$8C51 B9 00 2E LDA $2E00,Y
$8C54 9D E3 D9 STA $D9E3,X
$8C57 B9 40 2E LDA $2E40,Y
$8C5A 9D 0B DA STA $DA0B,X
$8C5D B9 80 2E LDA $2E80,Y
$8C60 9D 33 DA STA $DA33,X
$8C63 B9 C0 2E LDA $2EC0,Y
$8C66 9D 5B DA STA $DA5B,X
$8C69 B9 00 2F LDA $2F00,Y
$8C6C 9D 83 DA STA $DA83,X
$8C6F B9 40 2F LDA $2F40,Y
$8C72 9D AB DA STA $DAAB,X
$8C75 B9 80 2F LDA $2F80,Y
$8C78 9D D3 DA STA $DAD3,X
$8C7B B9 C0 2F LDA $2FC0,Y
$8C7E 9D FB DA STA $DAFB,X
$8C81 CA    DEX
$8C82 10 82  BPL L_BRS_($8C06)_($8C82) OK
$8C84 60    RTS
//-----
L_JSR_($8C85)_($8656) OK
//-----
$8C85 AD 5A 82 LDA $825A
```



```
$8C88 C9 08  CMP #$08
$8C8A B0 39  BCS L_BRS_($8CC5)_($8C8A) OK
$8C8C CE 5C 82  DEC $825C
$8C8F AD 5C 82  LDA $825C
$8C92 29 07  AND #$07
$8C94 D0 0F  BNE L_BRS_($8CA5)_($8C94) OK
$8C96 EE 5D 82  INC $825D
$8C99 AD 5D 82  LDA $825D
$8C9C 29 03  AND #$03
$8C9E AA      TAX
$8C9F BD 5E 82  LDA $825E,X
$8CA2 8D 5A 82  STA $825A
//-----
L_BRS_($8CA5)_($8C94) OK
L_BRS_($8CA5)_($8D21) OK
//-----
$8CA5 AD 50 82  LDA $8250
$8CA8 29 03  AND #$03
$8CAA D0 19  BNE L_BRS_($8CC5)_($8CAA) OK
$8CAC A2 01  LDX #$01
//-----
L_BRS_($8CAE)_($8CC3) OK
//-----
$8CAE BD B2 8E  LDA $8EB2,X
$8CB1 29 0F  AND #$0F
$8CB3 C9 0F  CMP #$0F
$8CB5 F0 0B  BEQ L_BRS_($8CC2)_($8CB5) OK
$8CB7 FE 24 91  INC $9124,X
$8CBA BD 24 91  LDA $9124,X
```

```
$8CBD 29 03  AND #$03
$8CBF 9D 24 91  STA $9124,X
//-----
L_BRS_($8CC2)_($8CB5) OK
//-----
$8CC2 CA    DEX
$8CC3 10 E9  BPL L_BRS_($8CAE)_($8CC3) OK
//-----
L_BRS_($8CC5)_($8C8A) OK
L_BRS_($8CC5)_($8CAA) OK
//-----
$8CC5 60    RTS
//-----
L_BRS_($8CC6)_($8CCB) OK
//-----
$8CC6 AD 01 DC LDA $DC01
$8CC9 29 10  AND #$10
$8CCB D0 F9  BNE L_BRS_($8CC6)_($8CCB) OK
$8CCD 60    RTS
//-----
L_JSR_($8CCE)_($C704) OK
//-----
$8CCE AD 01 0A LDA $0A01
$8CD1 29 38  AND #$38
$8CD3 4A    LSR A
$8CD4 4A    LSR A
$8CD5 A8    TAY
$8CD6 B9 16 8D LDA $8D16,Y
$8CD9 8D E5 8C STA $8CE5
```

```
$8CDC B9 17 8D LDA $8D17,Y
$8CDF 8D E6 8C STA $8CE6
$8CE2 A0 5F LDY #$5F
//-----
L_BRS_($8CE4)_($8CF1) OK
//-----
$8CE4 B9 08 64 LDA $6408,Y
$8CE7 99 08 48 STA $4808,Y
$8CEA 99 08 50 STA $5008,Y
$8CED 99 08 58 STA $5808,Y
$8CF0 88 DEY
$8CF1 10 F1 BPL L_BRS_($8CE4)_($8CF1) OK
$8CF3 AD 02 0A LDA $0A02
$8CF6 29 38 AND #$38
$8CF8 4A LSR A
$8CF9 4A LSR A
$8CFA 4A LSR A
$8CFB A8 TAY
$8CFC B9 10 8D LDA $8D10,Y
$8CFF A0 3F LDY #$3F
//-----
L_BRS_($8D01)_($8D05) OK
//-----
$8D01 99 04 F6 STA $F604,Y
$8D04 88 DEY
$8D05 10 FA BPL L_BRS_($8D01)_($8D05) OK
$8D07 A0 0B LDY #$0B
//-----
L_BRS_($8D09)_($8D0D) OK
```

```

//-----
$8D09 99 CC F6 STA $F6CC,Y
$8D0C 88    DEY
$8D0D 10 FA  BPL L_BRS_($8D09)_($8D0D) OK
$8D0F 60    RTS
//-----
$8D10 0A    ASL A
$8D11 0D 0E 0C ORA $0C0E
$8D14     .byte $0F,$0B
$8D16 68    PLA
$8D17     .byte $64
$8D18 08    PHP
$8D19     .byte $64
$8D1A 08    PHP
$8D1B 65 08  ADC $08
$8D1D     .byte $64
$8D1E 08    PHP
//-----
L_JSR_($8D20)_($8041) BAD
L_JSR_($8D20)_($82C0) BAD
//-----
$8D1F 65 AD  ADC $AD
$8D21 50 82  BVC L_BRS_($8CA5)_($8D21) OK
$8D23 8D 04 DC STA $DC04
$8D26 AD 50 82 LDA $8250
$8D29 8D 05 DC STA $DC05
$8D2C A9 03  LDA #$03
$8D2E 8D 0D DC STA $DC0D
$8D31 A9 01  LDA #$01

```

\$8D33 8D 0E DC STA \$DC0E

\$8D36 A9 41 LDA #\$41

\$8D38 8D 0F DC STA \$DC0F

\$8D3B 60 RTS

//-----

\$8D3C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8D44 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8D4C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8D54 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8D5C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8D64 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8D6C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8D74 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8D7C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8D84 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8D8C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8D94 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8D9C .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8DA4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8DAC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8DB4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8DBC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8DC4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8DCC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8DD4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8DDC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8DE4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8DEC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$8DF4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

```

$8DFC      .byte $00,$00,$00,$00,$00
$8E01 01 02  ORA ($02,X)
$8E03      .byte $03,$04
$8E05 05 06  ORA $06
$8E07      .byte $07
$8E08 08     PHP
$8E09 09 0A  ORA #$0A
$8E0B      .byte $0B,$0C
$8E0D 0D 0E 0F ORA $0F0E
$8E10 10 11  BPL L_BRS_($8E23)_($8E10) JAM
$8E12      .byte $12,$13,$14
$8E15 15 16  ORA $16,X
$8E17      .byte $17
$8E18 18     CLC
$8E19 19 1A 1B ORA $1B1A,Y
$8E1C      .byte $1C
$8E1D 1D 1E 1F ORA $1F1E,X
$8E20 20 21 22 JSR L_JSR_($2221)_($8E20) OK
//-----
L_BRS_($8E23)_($8E10) JAM
//-----
$8E23      .byte $23
$8E24 24 25  BIT $25
$8E26 26 27  ROL $27
$8E28 28     PLP
$8E29 29 2A  AND #$2A
$8E2B      .byte $2B
$8E2C 2C 2D 2E BIT $2E2D
$8E2F      .byte $2F

```

```

$8E30 30 31 BMI L_BRS_($8E63)_($8E30) JAM
$8E32 .byte $32,$33,$34
$8E35 35 36 AND $36,X
$8E37 .byte $37
$8E38 38 SEC
$8E39 39 3A 3B AND $3B3A,Y
$8E3C .byte $3C
$8E3D 3D 3E 3F AND $3F3E,X
$8E40 .byte $00
$8E41 01 02 ORA ($02,X)
$8E43 .byte $03,$04
$8E45 05 06 ORA $06
$8E47 .byte $07
$8E48 08 PHP
$8E49 09 0A ORA #0A
$8E4B .byte $0B,$0C
$8E4D 0D 0E 0F ORA $0F0E
$8E50 10 11 BPL L_BRS_($8E63)_($8E50) JAM
$8E52 .byte $12,$13,$14
$8E55 15 16 ORA $16,X
$8E57 .byte $17
$8E58 18 CLC
$8E59 19 1A 1B ORA $1B1A,Y
$8E5C .byte $1C
$8E5D 1D 1E 1F ORA $1F1E,X
$8E60 20 21 22 JSR L_JSR_($2221)_($8E60) OK
//-----
L_BRS_($8E63)_($8E30) JAM
L_BRS_($8E63)_($8E50) JAM

```

```

//-----
$8E63      .byte $23
$8E64 24 25  BIT $25
$8E66 26 27  ROL $27
$8E68 28    PLP
$8E69 29 2A  AND #2A
$8E6B      .byte $2B
$8E6C 2C 2D 2E BIT $2E2D
$8E6F      .byte $2F,$00
$8E71 20 40 60 JSR L_JSR_($6040)_($8E71) JAM
$8E74      .byte $80
$8E75 A0 C0  LDY #C0
$8E77 E0 00  CPX #00
$8E79 20 40 60 JSR L_JSR_($6040)_($8E79) JAM
$8E7C      .byte $80
$8E7D A0 C0  LDY #C0
$8E7F E0 00  CPX #00
$8E81 20 40 60 JSR L_JSR_($6040)_($8E81) JAM
$8E84      .byte $80
$8E85 A0 C0  LDY #C0
$8E87 E0 00  CPX #00
$8E89 20 40 60 JSR L_JSR_($6040)_($8E89) JAM
$8E8C      .byte $80
$8E8D A0 C0  LDY #C0
$8E8F E0 0C  CPX #0C
$8E91      .byte $0C,$0C,$0C,$0C,$0C,$0C,$0C
$8E98 0D 0D 0D ORA $0D0D
$8E9B 0D 0D 0D ORA $0D0D
$8E9E 0D 0D 0E ORA $0E0D

```



```

$8EA1 0E 0E 0E ASL $0E0E
$8EA4 0E 0E 0E ASL $0E0E
$8EA7 0E 0F 0F ASL $0F0F
$8EAA      .byte $0F,$0F,$0F,$0F,$0F,$0F,$1F,$1F
$8EB2      .byte $0F,$0F
//-----
L_JSR_($8EB4)_($9F6E) OK
//-----
$8EB4 A9 00  LDA #$00
$8EB6 8D 59 82 STA $8259
$8EB9 8D 4A B7 STA $B74A
$8EBC 8D 4B B7 STA $B74B
$8EBF A9 02  LDA #$02
$8EC1 8D 5A 82 STA $825A
$8EC4 AD 11 D0 LDA $D011
$8EC7 29 70  AND #$70
$8EC9 09 07  ORA #$07
$8ECB 8D 11 D0 STA $D011
$8ECE A9 04  LDA #$04
$8ED0 85 FF  STA $FF
$8ED2 20 14 8A JSR L_JSR_($8A14)_($8ED2) OK
$8ED5 20 04 8C JSR L_JSR_($8C04)_($8ED5) OK
$8ED8 A9 FF  LDA #$FF
$8EDA 8D 11 91 STA $9111
$8EDD 60    RTS
//-----
$8EDE AD 3E 90 LDA $903E
$8EE1 A8    TAY
$8EE2 EE 3E 90 INC $903E

```

```
$8EE5 AD 79 B3 LDA $B379
$8EE8 0A    ASL A
$8EE9 0A    ASL A
$8EEA 29 7F  AND #$7F
$8EEC 99 51 90 STA $9051,Y
$8EEF AD 7A B3 LDA $B37A
$8EF2 0A    ASL A
$8EF3 0A    ASL A
$8EF4 29 7F  AND #$7F
$8EF6 99 61 90 STA $9061,Y
$8EF9 60    RTS
//-----
$8EFA BD B0 8E LDA $8EB0,X
$8EFD 29 0F  AND #$0F
$8EFF DD B0 8E CMP $8EB0,X
$8F02 F0 66  BEQ L_BRS_($8F6A)_($8F02) OK
$8F04 A8    TAY
$8F05 B9 2E 91 LDA $912E,Y
$8F08 4A    LSR A
$8F09 B0 5F  BCS L_BRS_($8F6A)_($8F09) OK
$8F0B BD 04 91 LDA $9104,X
$8F0E 29 F8  AND #$F8
$8F10 18    CLC
$8F11 79 BC 97 ADC $97BC,Y
$8F14 4A    LSR A
$8F15 8D 3F 90 STA $903F
$8F18 BD 06 91 LDA $9106,X
$8F1B 29 F8  AND #$F8
$8F1D 18    CLC
```

```
$8F1E 79 CC 97 ADC $97CC,Y
$8F21 4A    LSR A
$8F22 8D 40 90 STA $9040
$8F25 A9 FF  LDA #$FF
$8F27 8D 41 90 STA $9041
$8F2A AC 3E 90 LDY $903E
$8F2D C0 02  CPY #$02
$8F2F 90 3C  BCC L_BRS_($8F6D)_($8F2F) OK
//-----
L_BRS_($8F31)_($8F62) OK
//-----
$8F31 AD 3F 90 LDA $903F
$8F34 38    SEC
$8F35 F9 51 90 SBC $9051,Y
$8F38 20 8A C0 JSR L_JSR_($C08A)_($8F38) OK
$8F3B C9 80  CMP #$80
$8F3D 90 05  BCC L_BRS_($8F44)_($8F3D) OK
$8F3F 49 FF  EOR #$FF
$8F41 18    CLC
$8F42 69 01  ADC #$01
//-----
L_BRS_($8F44)_($8F3D) OK
//-----
$8F44 8D 64 82 STA $8264
$8F47 AD 40 90 LDA $9040
$8F4A 38    SEC
$8F4B F9 61 90 SBC $9061,Y
$8F4E 20 8A C0 JSR L_JSR_($C08A)_($8F4E) OK
$8F51 C9 80  CMP #$80
```

```
$8F53 90 05  BCC L_BRS_($8F5A)_($8F53) OK
$8F55 49 FF  EOR #$FF
$8F57 18    CLC
$8F58 69 01  ADC #$01
//-----
L_BRS_($8F5A)_($8F53) OK
//-----
$8F5A 18    CLC
$8F5B 6D 64 82  ADC $8264
$8F5E 99 41 90  STA $9041,Y
$8F61 88    DEY
$8F62 10 CD  BPL L_BRS_($8F31)_($8F62) OK
$8F64 20 70 8F  JSR L_JSR_($8F70)_($8F64) OK
$8F67 4C C9 8F  JMP L_JMP_($8FC9)_($8F67) OK
//-----
L_BRS_($8F6A)_($8F02) OK
L_BRS_($8F6A)_($8F09) OK
//-----
$8F6A A9 01  LDA #$01
$8F6C 60    RTS
//-----
L_BRS_($8F6D)_($8F2F) OK
//-----
$8F6D A9 02  LDA #$02
$8F6F 60    RTS
//-----
L_JSR_($8F70)_($8F64) OK
//-----
$8F70 AE 0D 91  LDX $910D
```

```

//-----
L_BRS_($8F73)_($8FC6) OK
//-----
$8F73 AC 3E 90 LDY $903E
$8F76 88 DEY
$8F77 88 DEY
$8F78 A9 00 LDA #$00
$8F7A 8D 73 90 STA $9073
//-----
L_BRS_($8F7D)_($8FC1) OK
//-----
$8F7D B9 41 90 LDA $9041,Y
$8F80 D9 42 90 CMP $9042,Y
$8F83 90 3B BCC L_BRS_($8FC0)_($8F83) OK
$8F85 D0 0A BNE L_BRS_($8F91)_($8F85) OK
$8F87 BD 0E BA LDA $BA0E,X
$8F8A 29 01 AND #$01
$8F8C F0 32 BEQ L_BRS_($8FC0)_($8F8C) OK
$8F8E 4C 96 8F JMP L_JMP_($8F96)_($8F8E) OK
//-----
L_BRS_($8F91)_($8F85) OK
//-----
$8F91 A9 01 LDA #$01
$8F93 8D 73 90 STA $9073
//-----
L_JMP_($8F96)_($8F8E) OK
//-----
$8F96 B9 41 90 LDA $9041,Y
$8F99 48 PHA

```

```
$8F9A B9 42 90 LDA $9042,Y
$8F9D 99 41 90 STA $9041,Y
$8FA0 68    PLA
$8FA1 99 42 90 STA $9042,Y
$8FA4 B9 51 90 LDA $9051,Y
$8FA7 48    PHA
$8FA8 B9 52 90 LDA $9052,Y
$8FAB 99 51 90 STA $9051,Y
$8FAE 68    PLA
$8FAF 99 52 90 STA $9052,Y
$8FB2 B9 61 90 LDA $9061,Y
$8FB5 48    PHA
$8FB6 B9 62 90 LDA $9062,Y
$8FB9 99 61 90 STA $9061,Y
$8FBC 68    PLA
$8FBD 99 62 90 STA $9062,Y
//-----
L_BRS_($8FC0)_($8F83) OK
L_BRS_($8FC0)_($8F8C) OK
//-----
$8FC0 88    DEY
$8FC1 10 BA  BPL L_BRS_($8F7D)_($8FC1) OK
$8FC3 AD 73 90 LDA $9073
$8FC6 D0 AB  BNE L_BRS_($8F73)_($8FC6) OK
$8FC8 60    RTS
//-----
L_JMP_($8FC9)_($8F67) OK
//-----
$8FC9 A0 01  LDY #$01
```

```
//-----  
L_BRS_($8FCB)_($8FF5) OK  
//-----  
$8FCB B9 41 90 LDA $9041,Y  
$8FCE F0 21 BEQ L_BRS_($8FF1)_($8FCE) OK  
$8FD0 AE 0D 91 LDX $910D  
$8FD3 BD B0 8E LDA $8EB0,X  
$8FD6 29 0F AND #$0F  
$8FD8 AA TAX  
$8FD9 BD 2E 91 LDA $912E,X  
$8FDC AA TAX  
$8FDD A9 07 LDA #$07  
$8FDF 8D DF CA STA $CADF  
//-----  
L_BRS_($8FE2)_($8FEF) OK  
//-----  
$8FE2 20 74 90 JSR L_JSR_($9074)_($8FE2) OK  
$8FE5 F0 13 BEQ L_BRS_($8FFA)_($8FE5) OK  
$8FE7 E8 INX  
$8FE8 8A TXA  
$8FE9 29 07 AND #$07  
$8FEB AA TAX  
$8FEC CE DF CA DEC $CADF  
$8FEF 10 F1 BPL L_BRS_($8FE2)_($8FEF) OK  
//-----  
L_BRS_($8FF1)_($8FCE) OK  
//-----  
$8FF1 C8 INY  
$8FF2 CC 3E 90 CPY $903E
```

\$8FF5 90 D4 BCC L_BRS_(\$8FCB)_(\$8FF5) OK
\$8FF7 A9 03 LDA #\$03
\$8FF9 60 RTS
//-----
L_BRS_(\$8FFA)_(\$8FE5) OK
//-----
\$8FFA BD 5B C6 LDA \$C65B,X
\$8FFD AA TAX
\$8FFE B9 51 90 LDA \$9051,Y
\$9001 0A ASL A
\$9002 18 CLC
\$9003 7D BC 97 ADC \$97BC,X
\$9006 48 PHA
\$9007 B9 61 90 LDA \$9061,Y
\$900A 0A ASL A
\$900B 18 CLC
\$900C 7D CC 97 ADC \$97CC,X
\$900F 48 PHA
\$9010 AE 0D 91 LDX \$910D
\$9013 BD 04 91 LDA \$9104,X
\$9016 8D 08 91 STA \$9108
\$9019 BD 06 91 LDA \$9106,X
\$901C 8D 09 91 STA \$9109
\$901F 20 F5 96 JSR L_JSR_(\$96F5)_(\$901F) OK
\$9022 20 AB 97 JSR L_JSR_(\$97AB)_(\$9022) OK
\$9025 68 PLA
\$9026 9D 06 91 STA \$9106,X
\$9029 68 PLA
\$902A 9D 04 91 STA \$9104,X


```

$902D 8A    TXA
$902E 0A    ASL A
$902F AA    TAX
$9030 A5 8E  LDA $8E
$9032 95 C0  STA $C0,X
$9034 A5 8F  LDA $8F
$9036 95 C1  STA $C1,X
$9038 A9 0B  LDA #$0B
$903A 20 BA CE JSR L_JSR_($CEBA)_($903A) OK
$903D 60    RTS

//-----
$903E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$9046      .byte $00,$00,$00,$00,$00,$00,$00,$00
$904E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$9056      .byte $00,$00,$00,$00,$00,$00,$00,$00
$905E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$9066      .byte $00,$00,$00,$00,$00,$00,$00,$00
$906E      .byte $00,$00,$00,$00,$00,$00

//-----
L_JSR_($9074)_($8FE2) OK

//-----
$9074 AD 3A 88 LDA $883A
$9077 0A    ASL A
$9078 8D 64 82 STA $8264
$907B B9 51 90 LDA $9051,Y
$907E 4A    LSR A
$907F 4A    LSR A
$9080 18    CLC
$9081 7D 68 B3 ADC $B368,X

```

\$9084 29 1F AND #1F
\$9086 0A ASL A
\$9087 0A ASL A
\$9088 38 SEC
\$9089 ED 64 82 SBC \$8264
\$908C 20 8A C0 JSR L_JSR_(\$C08A)_(\$908C) OK
\$908F 8D DC 97 STA \$97DC
\$9092 C9 02 CMP #02
\$9094 90 2A BCC L_BRS_(\$90C0)_(\$9094) OK
\$9096 C9 40 CMP #40
\$9098 B0 26 BCS L_BRS_(\$90C0)_(\$9098) OK
\$909A AD 3C 88 LDA \$883C
\$909D 0A ASL A
\$909E 8D 64 82 STA \$8264
\$90A1 B9 61 90 LDA \$9061,Y
\$90A4 4A LSR A
\$90A5 4A LSR A
\$90A6 18 CLC
\$90A7 7D 70 B3 ADC \$B370,X
\$90AA 29 1F AND #1F
\$90AC 0A ASL A
\$90AD 0A ASL A
\$90AE 38 SEC
\$90AF ED 64 82 SBC \$8264
\$90B2 20 8A C0 JSR L_JSR_(\$C08A)_(\$90B2) OK
\$90B5 8D DD 97 STA \$97DD
\$90B8 C9 02 CMP #02
\$90BA 90 04 BCC L_BRS_(\$90C0)_(\$90BA) OK
\$90BC C9 28 CMP #28

\$90BE 90 03 BCC L_BRS_(\$90C3)_(\$90BE) OK

//-----

L_BRS_(\$90C0)_(\$9094) OK

L_BRS_(\$90C0)_(\$9098) OK

L_BRS_(\$90C0)_(\$90BA) OK

//-----

\$90C0 A9 FF LDA #\$FF

\$90C2 60 RTS

//-----

L_BRS_(\$90C3)_(\$90BE) OK

//-----

\$90C3 98 TYA

\$90C4 48 PHA

\$90C5 B9 51 90 LDA \$9051,Y

\$90C8 4A LSR A

\$90C9 4A LSR A

\$90CA 18 CLC

\$90CB 7D 68 B3 ADC \$B368,X

\$90CE 29 1F AND #\$1F

\$90D0 48 PHA

\$90D1 B9 61 90 LDA \$9061,Y

\$90D4 4A LSR A

\$90D5 4A LSR A

\$90D6 18 CLC

\$90D7 7D 70 B3 ADC \$B370,X

\$90DA 29 1F AND #\$1F

\$90DC A8 TAY

\$90DD 68 PLA

\$90DE 19 70 8E ORA \$8E70,Y

```

$90E1 85 8E STA $8E
$90E3 B9 90 8E LDA $8E90,Y
$90E6 85 8F STA $8F
$90E8 A0 00 LDY #$00
$90EA B1 8E LDA ($8E),Y
//-----
L_BRS_($90ED)_($912B) BAD
//-----
$90EC 8D 64 82 STA $8264
$90EF 68 PLA
$90F0 A8 TAY
$90F1 AD 64 82 LDA $8264
$90F4 60 RTS
//-----
$90F5 .byte $00,$00,$00,$00,$00,$00,$00,$00
$90FD .byte $00
$90FE 08 PHP
$90FF .byte $1C
$9100 38 SEC
$9101 F0 28 BEQ L_BRS_($912B)_($9101) OK
$9103 B0 48 BCS L_BRS_($914D)_($9103) JAM
$9105 .byte $00
$9106 D8 CLD
$9107 60 RTS
//-----
$9108 48 PHA
$9109 D8 CLD
$910A .byte $00,$00,$FF,$FF,$00,$03
$9110 1D FF 00 ORA $00FF,X

```

```

$9113      .byte $00,$02,$03,$07
$9117 05 02  ORA $02
$9119      .byte $03,$07
$911B 05 00  ORA $00
$911D 01 00  ORA ($00,X)
$911F      .byte $00
$9120 01 00  ORA ($00,X)
$9122      .byte $00
$9123 01 02  ORA ($02,X)
$9125      .byte $00,$04,$04,$00
$9129 08     PHP
$912A      .byte $00
//-----
L_BRS_($912B)_($9101) OK
//-----
$912B 10 C0  BPL L_BRS_($90ED)_($912B) BAD
$912D E0 00  CPX # $00
$912F      .byte $00,$00,$00,$00,$03
$9134 01 02  ORA ($02,X)
$9136      .byte $00
$9137 05 07  ORA $07
$9139 06 00  ASL $00
$913B      .byte $04,$00,$80,$00,$00,$00,$00
$9142 A4 00  LDY $00
$9144      .byte $00,$00,$00,$00,$83,$00,$00,$00
//-----
L_BRS_($914D)_($9103) JAM
//-----
$914C      .byte $00,$00,$00,$00,$04

```

```

$9151 08    PHP
$9152 10 20  BPL L_BRS_($9174)_($9152) OK
$9154 40    RTI
//-----
$9155      .byte $80
$9156 A2 A2  LDX #$A2
$9158      .byte $DA,$00,$00,$00
//-----
L_JSR_($915C)_($85E6) OK
//-----
$915C A9 01  LDA #$01
$915E 8D 0C 91 STA $910C
//-----
L_BRS_($9161)_($91B8) OK
L_BRS_($9161)_($91C9) OK
//-----
$9161 AE 0C 91 LDX $910C
$9164 A0 00  LDY #$00
$9166 BD 20 91 LDA $9120,X
$9169 F0 50  BEQ L_BRS_($91BB)_($9169) OK
$916B 30 03  BMI L_BRS_($9170)_($916B) OK
$916D BC 24 91 LDY $9124,X
//-----
L_BRS_($9170)_($916B) OK
//-----
$9170 B9 28 91 LDA $9128,Y
$9173 18    CLC
//-----
L_BRS_($9174)_($9152) OK

```

```
//-----
$9174 7D 2C 91 ADC $912C,X
$9177 8D 66 82 STA $8266
$917A BD 4C B7 LDA $B74C,X
$917D D0 03 BNE L_BRS_($9182)_($917D) OK
$917F BD B0 8E LDA $8EB0,X
//-----
L_BRS_($9182)_($917D) OK
//-----
$9182 29 0F AND #$0F
$9184 A8 TAY
$9185 B9 2E 91 LDA $912E,Y
$9188 30 03 BMI L_BRS_($918D)_($9188) OK
$918A 9D 26 91 STA $9126,X
//-----
L_BRS_($918D)_($9188) OK
//-----
$918D BD 26 91 LDA $9126,X
//-----
L_JSR_($9190)_($833D) OK
//-----
$9190 18 CLC
$9191 6D 66 82 ADC $8266
$9194 9D FE 43 STA $43FE,X
$9197 9D FE 47 STA $47FE,X
$919A BD 02 91 LDA $9102,X
$919D 0A ASL A
$919E 18 CLC
$919F 69 33 ADC #$33
```

```
$91A1 9D 48 91 STA $9148,X
$91A4 BD 00 91 LDA $9100,X
$91A7 0A    ASL A
$91A8 18    CLC
$91A9 69 34  ADC #$34
$91AB 9D 42 91 STA $9142,X
$91AE A9 00  LDA #$00
$91B0 69 00  ADC #$00
$91B2 9D 4E 91 STA $914E,X
$91B5 CE 0C 91 DEC $910C
$91B8 10 A7  BPL L_BRS_($9161)_($91B8) OK
$91BA 60    RTS
//-----
L_BRS_($91BB)_($9169) OK
//-----
$91BB A9 00  LDA #$00
$91BD 9D 42 91 STA $9142,X
$91C0 9D 48 91 STA $9148,X
$91C3 9D 4E 91 STA $914E,X
$91C6 CE 0C 91 DEC $910C
$91C9 10 96  BPL L_BRS_($9161)_($91C9) OK
$91CB 60    RTS
//-----
L_JSR_($91CC)_($85E9) OK
//-----
$91CC AD 3E 91 LDA $913E
$91CF 8D 04 D0 STA $D004
$91D2 AD 3F 91 LDA $913F
$91D5 8D 06 D0 STA $D006
```



```
$91D8 AD 40 91 LDA $9140
$91DB 8D 08 D0 STA $D008
$91DE AD 41 91 LDA $9141
$91E1 8D 0A D0 STA $D00A
$91E4 AD 42 91 LDA $9142
$91E7 8D 0C D0 STA $D00C
$91EA AD 43 91 LDA $9143
$91ED 8D 0E D0 STA $D00E
$91F0 AD 44 91 LDA $9144
$91F3 8D 05 D0 STA $D005
$91F6 AD 45 91 LDA $9145
$91F9 8D 07 D0 STA $D007
$91FC AD 46 91 LDA $9146
$91FF 8D 09 D0 STA $D009
$9202 AD 47 91 LDA $9147
$9205 8D 0B D0 STA $D00B
$9208 AD 48 91 LDA $9148
$920B 8D 0D D0 STA $D00D
$920E AD 49 91 LDA $9149
$9211 8D 0F D0 STA $D00F
$9214 A9 02 LDA #$02
$9216 A2 05 LDX #$05
//-----
L_BRS_($9218)_($9221) OK
//-----
$9218 BC 4A 91 LDY $914A,X
$921B F0 03 BEQ L_BRS_($9220)_($921B) OK
$921D 1D 50 91 ORA $9150,X
//-----
```

L_BRS_(\$9220)_(\$921B) OK

//-----

\$9220 CA DEX

\$9221 10 F5 BPL L_BRS_(\$9218)_(\$9221) OK

\$9223 8D 10 D0 STA \$D010

\$9226 A2 03 LDX #\$03

//-----

L_BRS_(\$9228)_(\$9232) OK

//-----

\$9228 BD 56 91 LDA \$9156,X

\$922B 9D FA 43 STA \$43FA,X

\$922E 9D FA 47 STA \$47FA,X

\$9231 CA DEX

\$9232 10 F4 BPL L_BRS_(\$9228)_(\$9232) OK

\$9234 AD 1D D0 LDA \$D01D

\$9237 29 03 AND #\$03

\$9239 8D 1D D0 STA \$D01D

\$923C AD 1C D0 LDA \$D01C

\$923F 09 FC ORA #\$FC

\$9241 8D 1C D0 STA \$D01C

\$9244 AD 11 91 LDA \$9111

\$9247 8D 15 D0 STA \$D015

\$924A AE 1C 91 LDX \$911C

\$924D BD 18 91 LDA \$9118,X

\$9250 8D 2B D0 STA \$D02B

\$9253 8D 2D D0 STA \$D02D

\$9256 AE 1D 91 LDX \$911D

\$9259 BD 18 91 LDA \$9118,X

\$925C 8D 2C D0 STA \$D02C

```
$925F 8D 2E D0 STA $D02E
$9262 AD 9B AB LDA $AB9B
$9265 8D 29 D0 STA $D029
$9268 AD 9C AB LDA $AB9C
$926B 8D 2A D0 STA $D02A
$926E A9 01 LDA #$01
$9270 8D 26 D0 STA $D026
$9273 60 RTS
//-----
L_JSR_($9274)_($8659) OK
//-----
$9274 A9 01 LDA #$01
$9276 8D 0C 91 STA $910C
//-----
L_BRS_($9279)_($92B8) OK
//-----
$9279 AE 0C 91 LDX $910C
$927C BD 20 91 LDA $9120,X
$927F F0 34 BEQ L_BRS_($92B5)_($927F) OK
$9281 BD B2 8E LDA $8EB2,X
$9284 29 04 AND #$04
$9286 D0 06 BNE L_BRS_($928E)_($9286) OK
$9288 DE 04 91 DEC $9104,X
$928B DE 00 91 DEC $9100,X
//-----
L_BRS_($928E)_($9286) OK
//-----
$928E BD B2 8E LDA $8EB2,X
$9291 29 08 AND #$08
```

\$9293 D0 06 BNE L_BRS_(\$929B)_(\$9293) OK

\$9295 FE 04 91 INC \$9104,X

\$9298 FE 00 91 INC \$9100,X

//-----

L_BRS_(\$929B)_(\$9293) OK

//-----

\$929B BD B2 8E LDA \$8EB2,X

\$929E 29 01 AND #\$01

\$92A0 D0 06 BNE L_BRS_(\$92A8)_(\$92A0) OK

\$92A2 DE 06 91 DEC \$9106,X

\$92A5 DE 02 91 DEC \$9102,X

//-----

L_BRS_(\$92A8)_(\$92A0) OK

//-----

\$92A8 BD B2 8E LDA \$8EB2,X

\$92AB 29 02 AND #\$02

\$92AD D0 06 BNE L_BRS_(\$92B5)_(\$92AD) OK

\$92AF FE 06 91 INC \$9106,X

\$92B2 FE 02 91 INC \$9102,X

//-----

L_BRS_(\$92B5)_(\$927F) OK

L_BRS_(\$92B5)_(\$92AD) OK

//-----

\$92B5 CE 0C 91 DEC \$910C

\$92B8 10 BF BPL L_BRS_(\$9279)_(\$92B8) OK

\$92BA 60 RTS

//-----

\$92BB .byte \$02

\$92BC 01 00 ORA (\$00,X)

```

$92BE      .byte $03
//-----
L_JSR_($92BF)_($85E3) OK
//-----
$92BF A2 01   LDX #$01
//-----
L_BRS_($92C1)_($92D6) OK
//-----
$92C1 BD 04 91 LDA $9104,X
$92C4 38     SEC
$92C5 ED 6F 82 SBC $826F
$92C8 9D 00 91 STA $9100,X
$92CB BD 06 91 LDA $9106,X
$92CE 38     SEC
$92CF ED 70 82 SBC $8270
$92D2 9D 02 91 STA $9102,X
$92D5 CA     DEX
$92D6 10 E9   BPL L_BRS_($92C1)_($92D6) OK
$92D8 60     RTS
//-----
L_JSR_($92D9)_($865F) OK
//-----
$92D9 AD 01 0A LDA $0A01
$92DC 30 1C   BMI L_BRS_($92FA)_($92DC) OK
$92DE AD 3B 88 LDA $883B
$92E1 D0 08   BNE L_BRS_($92EB)_($92E1) OK
$92E3 AD 40 88 LDA $8840
$92E6 09 04   ORA #$04
$92E8 8D 40 88 STA $8840

```

```
//-----  
L_BRS_($92EB)_($92E1) OK  
//-----  
$92EB AD 3B 88 LDA $883B  
$92EE C9 20 CMP #$20  
$92F0 D0 08 BNE L_BRS_($92FA)_($92F0) OK  
$92F2 AD 40 88 LDA $8840  
$92F5 09 08 ORA #$08  
$92F7 8D 40 88 STA $8840  
//-----  
L_BRS_($92FA)_($92DC) OK  
L_BRS_($92FA)_($92F0) OK  
//-----  
$92FA AD 01 0A LDA $0A01  
$92FD 29 40 AND #$40  
$92FF D0 1C BNE L_BRS_($931D)_($92FF) OK  
$9301 AD 3D 88 LDA $883D  
$9304 D0 08 BNE L_BRS_($930E)_($9304) OK  
$9306 AD 40 88 LDA $8840  
$9309 09 01 ORA #$01  
$930B 8D 40 88 STA $8840  
//-----  
L_BRS_($930E)_($9304) OK  
//-----  
$930E AD 3D 88 LDA $883D  
$9311 C9 2E CMP #$2E  
$9313 D0 08 BNE L_BRS_($931D)_($9313) OK  
$9315 AD 40 88 LDA $8840  
$9318 09 02 ORA #$02
```

```
$931A 8D 40 88 STA $8840
//-----
L_BRS_($931D)_($92FF) OK
L_BRS_($931D)_($9313) OK
//-----
$931D 60 RTS
//-----
L_JSR_($931E)_($87C2) OK
//-----
$931E A9 01 LDA #$01
$9320 8D 0C 91 STA $910C
$9323 AD 20 91 LDA $9120
$9326 0D 21 91 ORA $9121
$9329 D0 03 BNE L_BRS_($932E)_($9329) OK
$932B 4C F8 93 JMP L_JMP_($93F8)_($932B) OK
//-----
L_BRS_($932E)_($9329) OK
L_JMP_($932E)_($93F5) OK
//-----
$932E AE 0C 91 LDX $910C
$9331 BC 22 91 LDY $9122,X
$9334 BD 00 91 LDA $9100,X
$9337 38 SEC
$9338 F9 00 91 SBC $9100,Y
$933B C9 78 CMP #$78
$933D F0 17 BEQ L_BRS_($9356)_($933D) OK
$933F C9 88 CMP #$88
$9341 D0 23 BNE L_BRS_($9366)_($9341) OK
$9343 BD B2 8E LDA $8EB2,X
```

```
$9346 09 04  ORA #04
$9348 9D B2 8E STA $8EB2,X
$934B B9 B2 8E LDA $8EB2,Y
$934E 09 08  ORA #08
$9350 99 B2 8E STA $8EB2,Y
$9353 4C 66 93 JMP L_JMP_($9366)_($9353) OK
//-----
L_BRS_($9356)_($933D) OK
//-----
$9356 BD B2 8E LDA $8EB2,X
$9359 09 08  ORA #08
$935B 9D B2 8E STA $8EB2,X
$935E B9 B2 8E LDA $8EB2,Y
$9361 09 04  ORA #04
$9363 99 B2 8E STA $8EB2,Y
//-----
L_BRS_($9366)_($9341) OK
L_JMP_($9366)_($9353) OK
//-----
$9366 BD 02 91 LDA $9102,X
$9369 38     SEC
$936A F9 02 91 SBC $9102,Y
$936D C9 48  CMP #$48
$936F F0 17  BEQ L_BRS_($9388)_($936F) OK
$9371 C9 B8  CMP #$B8
$9373 D0 23  BNE L_BRS_($9398)_($9373) OK
$9375 BD B2 8E LDA $8EB2,X
$9378 09 01  ORA #01
$937A 9D B2 8E STA $8EB2,X
```



```
$937D B9 B2 8E LDA $8EB2,Y
$9380 09 02  ORA #02
$9382 99 B2 8E STA $8EB2,Y
$9385 4C 98 93 JMP L_JMP_($9398)_($9385) OK
//-----
L_BRS_($9388)_($936F) OK
//-----
$9388 BD B2 8E LDA $8EB2,X
$938B 09 02  ORA #02
$938D 9D B2 8E STA $8EB2,X
$9390 B9 B2 8E LDA $8EB2,Y
$9393 09 01  ORA #01
$9395 99 B2 8E STA $8EB2,Y
//-----
L_BRS_($9398)_($9373) OK
L_JMP_($9398)_($9385) OK
//-----
$9398 BD 00 91 LDA $9100,X
$939B F0 17  BEQ L_BRS_($93B4)_($939B) OK
$939D C9 78  CMP #78
$939F D0 23  BNE L_BRS_($93C4)_($939F) OK
$93A1 AD 40 88 LDA $8840
$93A4 09 08  ORA #08
$93A6 8D 40 88 STA $8840
$93A9 BD B2 8E LDA $8EB2,X
$93AC 09 08  ORA #08
$93AE 9D B2 8E STA $8EB2,X
$93B1 4C C4 93 JMP L_JMP_($93C4)_($93B1) OK
//-----
```

L_BRS_(\$93B4)_(\$939B) OK

//-----

\$93B4 AD 40 88 LDA \$8840

\$93B7 09 04 ORA #\$04

\$93B9 8D 40 88 STA \$8840

\$93BC BD B2 8E LDA \$8EB2,X

\$93BF 09 04 ORA #\$04

\$93C1 9D B2 8E STA \$8EB2,X

//-----

L_BRS_(\$93C4)_(\$939F) OK

L_JMP_(\$93C4)_(\$93B1) OK

//-----

\$93C4 BD 02 91 LDA \$9102,X

\$93C7 F0 17 BEQ L_BRS_(\$93E0)_(\$93C7) OK

\$93C9 C9 48 CMP #\$48

\$93CB D0 23 BNE L_BRS_(\$93F0)_(\$93CB) OK

\$93CD AD 40 88 LDA \$8840

\$93D0 09 02 ORA #\$02

\$93D2 8D 40 88 STA \$8840

\$93D5 BD B2 8E LDA \$8EB2,X

\$93D8 09 02 ORA #\$02

\$93DA 9D B2 8E STA \$8EB2,X

\$93DD 4C F0 93 JMP L_JMP_(\$93F0)_(\$93DD) OK

//-----

L_BRS_(\$93E0)_(\$93C7) OK

//-----

\$93E0 AD 40 88 LDA \$8840

\$93E3 09 01 ORA #\$01

\$93E5 8D 40 88 STA \$8840

```
$93E8 BD B2 8E LDA $8EB2,X
$93EB 09 01  ORA #$01
$93ED 9D B2 8E STA $8EB2,X
//-----
L_BRS_($93F0)_($93CB) OK
L_JMP_($93F0)_($93DD) OK
//-----
$93F0 CE 0C 91 DEC $910C
$93F3 30 03  BMI L_BRS_($93F8)_($93F3) OK
$93F5 4C 2E 93 JMP L_JMP_($932E)_($93F5) OK
//-----
L_JMP_($93F8)_($932B) OK
L_BRS_($93F8)_($93F3) OK
//-----
$93F8 60  RTS
//-----
L_JSR_($93F9)_($87C5) OK
//-----
$93F9 A9 01  LDA #$01
$93FB 8D 0C 91 STA $910C
//-----
L_BRS_($93FE)_($946C) OK
//-----
$93FE AE 0C 91 LDX $910C
$9401 A9 00  LDA #$00
$9403 9D 71 90 STA $9071,X
$9406 BD 20 91 LDA $9120,X
$9409 30 5E  BMI L_BRS_($9469)_($9409) OK
$940B F0 5C  BEQ L_BRS_($9469)_($940B) OK
```

```
$940D 8A    TXA
$940E 48    PHA
$940F BD 04 91 LDA $9104,X
$9412 4A    LSR A
$9413 4A    LSR A
$9414 4A    LSR A
$9415 8D FE 90 STA $90FE
$9418 BD 06 91 LDA $9106,X
$941B 4A    LSR A
$941C 4A    LSR A
$941D 4A    LSR A
$941E 8D FF 90 STA $90FF
$9421 BD B2 8E LDA $8EB2,X
$9424 8D 66 82 STA $8266
$9427 BD 42 B7 LDA $B742,X
$942A 48    PHA
$942B 18    CLC
$942C 7D 44 B7 ADC $B744,X
$942F DD 46 B7 CMP $B746,X
$9432 A2 13   LDX #$13
$9434 A0 00   LDY #$00
$9436 90 01   BCC L_BRS_($9439)_($9436) OK
$9438 C8     INY
//-----
L_BRS_($9439)_($9436) OK
//-----
$9439 68    PLA
$943A F0 0A   BEQ L_BRS_($9446)_($943A) OK
$943C AD C6 B5 LDA $B5C6
```

\$943F 0D C8 B5 ORA \$B5C8
\$9442 D0 02 BNE L_BRS_(\$9446)_(\$9442) OK
\$9444 A2 11 LDX #\$11
//-----
L_BRS_(\$9446)_(\$943A) OK
L_BRS_(\$9446)_(\$9442) OK
//-----
\$9446 8E 3F B7 STX \$B73F
\$9449 8C 40 B7 STY \$B740
\$944C 20 17 95 JSR L_JSR_(\$9517)_(\$944C) BAD
\$944F 20 6F 94 JSR L_JSR_(\$946F)_(\$944F) OK
\$9452 68 PLA
\$9453 AA TAX
\$9454 AD 67 82 LDA \$8267
\$9457 1D B2 8E ORA \$8EB2,X
\$945A 9D B2 8E STA \$8EB2,X
\$945D 8D 66 82 STA \$8266
\$9460 20 50 B7 JSR \$B750
\$9463 20 0E 97 JSR L_JSR_(\$970E)_(\$9463) OK
\$9466 20 A8 98 JSR L_JSR_(\$98A8)_(\$9466) OK
//-----
L_BRS_(\$9469)_(\$9409) OK
L_BRS_(\$9469)_(\$940B) OK
//-----
\$9469 CE 0C 91 DEC \$910C
\$946C 10 90 BPL L_BRS_(\$93FE)_(\$946C) OK
\$946E 60 RTS
//-----
L_JSR_(\$946F)_(\$944F) OK

//-----

\$946F A9 FF LDA #\$FF

\$9471 8D BA 94 STA \$94BA

\$9474 A9 00 LDA #\$00

\$9476 8D 67 82 STA \$8267

\$9479 A2 0E LDX #\$0E

\$947B A0 07 LDY #\$07

//-----

L_BRS_(\$947D)_(\$94B7) OK

//-----

\$947D B9 07 95 LDA \$9507,Y

\$9480 F0 2F BEQ L_BRS_(\$94B1)_(\$9480) OK

\$9482 CD 66 82 CMP \$8266

\$9485 D0 2D BNE L_BRS_(\$94B4)_(\$9485) OK

\$9487 8A TXA

\$9488 48 PHA

\$9489 98 TYA

\$948A 48 PHA

\$948B CA DEX

\$948C CA DEX

\$948D 8A TXA

\$948E 29 0E AND #\$0E

\$9490 AA TAX

\$9491 4A LSR A

\$9492 A8 TAY

\$9493 20 BB 94 JSR L_JSR_(\$94BB)_(\$9493) OK

\$9496 8A TXA

\$9497 18 CLC

\$9498 69 04 ADC #\$04

```
$949A 29 0E  AND #0E
$949C AA  TAX
$949D 4A  LSR A
$949E A8  TAY
$949F 20 BB 94 JSR L_JSR_($94BB)_($949F) OK
$94A2 68  PLA
$94A3 A8  TAY
$94A4 68  PLA
$94A5 AA  TAX
$94A6 AD 66 82 LDA $8266
$94A9 0D 67 82 ORA $8267
$94AC CD 66 82 CMP $8266
$94AF D0 03  BNE L_BRS_($94B4)_($94AF) OK
//-----
L_BRS_($94B1)_($9480) OK
//-----
$94B1 20 BB 94 JSR L_JSR_($94BB)_($94B1) OK
//-----
L_BRS_($94B4)_($9485) OK
L_BRS_($94B4)_($94AF) OK
//-----
$94B4 CA  DEX
$94B5 CA  DEX
$94B6 88  DEY
$94B7 10 C4  BPL L_BRS_($947D)_($94B7) OK
$94B9 60  RTS
//-----
$94BA      .byte $FF
//-----
```

```
L_JSR_($94BB)_($9493) OK
L_JSR_($94BB)_($949F) OK
L_JSR_($94BB)_($94B1) OK
//-----
$94BB A1 B0 LDA ($B0,X)
$94BD 29 7F AND #$7F
$94BF F0 3D BEQ L_BRS_($94FE)_($94BF) OK
$94C1 C9 30 CMP #$30
$94C3 F0 25 BEQ L_BRS_($94EA)_($94C3) OK
$94C5 C9 31 CMP #$31
$94C7 F0 35 BEQ L_BRS_($94FE)_($94C7) OK
$94C9 C9 36 CMP #$36
$94CB F0 31 BEQ L_BRS_($94FE)_($94CB) OK
$94CD C9 2F CMP #$2F
$94CF F0 2D BEQ L_BRS_($94FE)_($94CF) OK
$94D1 CD 3F B7 CMP $B73F
$94D4 90 1F BCC L_BRS_($94F5)_($94D4) OK
$94D6 C9 1F CMP #$1F
$94D8 F0 16 BEQ L_BRS_($94F0)_($94D8) OK
$94DA C9 16 CMP #$16
$94DC F0 12 BEQ L_BRS_($94F0)_($94DC) OK
$94DE C9 17 CMP #$17
$94E0 F0 0E BEQ L_BRS_($94F0)_($94E0) OK
$94E2 C9 2F CMP #$2F
$94E4 B0 0F BCS L_BRS_($94F5)_($94E4) OK
$94E6 C9 20 CMP #$20
$94E8 90 14 BCC L_BRS_($94FE)_($94E8) OK
//-----
L_BRS_($94EA)_($94C3) OK
```



```

//-----
$94EA 8E BA 94 STX $94BA
$94ED 4C F5 94 JMP L_JMP_($94F5)_($94ED) OK
//-----
L_BRS_($94F0)_($94D8) OK
L_BRS_($94F0)_($94DC) OK
L_BRS_($94F0)_($94E0) OK
//-----
$94F0 AD 40 B7 LDA $B740
$94F3 F0 09 BEQ L_BRS_($94FE)_($94F3) OK
//-----
L_BRS_($94F5)_($94D4) OK
L_BRS_($94F5)_($94E4) OK
L_JMP_($94F5)_($94ED) OK
//-----
$94F5 AD 67 82 LDA $8267
$94F8 19 FF 94 ORA $94FF,Y
$94FB 8D 67 82 STA $8267
//-----
L_BRS_($94FE)_($94BF) OK
L_BRS_($94FE)_($94C7) OK
L_BRS_($94FE)_($94CB) OK
L_BRS_($94FE)_($94CF) OK
L_BRS_($94FE)_($94E8) OK
L_BRS_($94FE)_($94F3) OK
//-----
$94FE 60 RTS
//-----
$94FF .byte $02,$02

```

```
$9501 08    PHP
$9502 08    PHP
$9503 01 01  ORA ($01,X)
$9505      .byte $04,$04,$00
$9508 05 00  ORA $00
$950A 06 00  ASL $00
$950C 0A    ASL A
$950D      .byte $00
$950E 09 0D  ORA # $0D
$9510 05 07  ORA $07
$9512 06 0E  ASL $0E
$9514 0A    ASL A
$9515      .byte $0B
//-----
L_JSR_($9517)_($944C) BAD
//-----
$9516 09 A2  ORA # $A2
$9518      .byte $00
$9519 EE FF 90 INC $90FF
$951C 20 4A 95 JSR L_JSR_($954A)_($951C) OK
$951F EE FE 90 INC $90FE
$9522 20 4A 95 JSR L_JSR_($954A)_($9522) OK
$9525 CE FF 90 DEC $90FF
$9528 20 4A 95 JSR L_JSR_($954A)_($9528) OK
$952B CE FF 90 DEC $90FF
$952E 20 4A 95 JSR L_JSR_($954A)_($952E) OK
$9531 CE FE 90 DEC $90FE
$9534 20 4A 95 JSR L_JSR_($954A)_($9534) OK
$9537 CE FE 90 DEC $90FE
```

\$953A 20 4A 95 JSR L_JSR_(\$954A)_(\$953A) OK

\$953D EE FF 90 INC \$90FF

\$9540 20 4A 95 JSR L_JSR_(\$954A)_(\$9540) OK

\$9543 EE FF 90 INC \$90FF

\$9546 20 4A 95 JSR L_JSR_(\$954A)_(\$9546) OK

\$9549 60 RTS

//-----

L_JSR_(\$954A)_(\$951C) OK

L_JSR_(\$954A)_(\$9522) OK

L_JSR_(\$954A)_(\$9528) OK

L_JSR_(\$954A)_(\$952E) OK

L_JSR_(\$954A)_(\$9534) OK

L_JSR_(\$954A)_(\$953A) OK

L_JSR_(\$954A)_(\$9540) OK

L_JSR_(\$954A)_(\$9546) OK

//-----

\$954A AD FF 90 LDA \$90FF

\$954D 29 1F AND #\$1F

\$954F A8 TAY

\$9550 AD FE 90 LDA \$90FE

\$9553 29 1F AND #\$1F

\$9555 18 CLC

\$9556 79 70 8E ADC \$8E70,Y

\$9559 95 B0 STA \$B0,X

\$955B B9 90 8E LDA \$8E90,Y

\$955E 95 B1 STA \$B1,X

\$9560 E8 INX

\$9561 E8 INX

\$9562 60 RTS

//-----

\$9563 AD 3A 88 LDA \$883A

\$9566 0A ASL A

\$9567 0A ASL A

\$9568 0A ASL A

\$9569 18 CLC

\$956A 69 80 ADC #80

\$956C 8D 04 91 STA \$9104

\$956F 18 CLC

\$9570 69 10 ADC #10

\$9572 8D 05 91 STA \$9105

\$9575 AD 3C 88 LDA \$883C

\$9578 0A ASL A

\$9579 0A ASL A

\$957A 0A ASL A

\$957B 18 CLC

\$957C 69 38 ADC #38

\$957E 8D 06 91 STA \$9106

\$9581 8D 07 91 STA \$9107

\$9584 60 RTS

//-----

L_JSR_(\$9585)_(\$80D6) OK

//-----

\$9585 AD 0F 91 LDA \$910F

\$9588 38 SEC

\$9589 E9 08 SBC #08

\$958B B0 07 BCS L_BRS_(\$9594)_(\$958B) OK

\$958D 2C 01 0A BIT \$0A01

\$9590 30 02 BMI L_BRS_(\$9594)_(\$9590) OK

```
$9592 A9 00 LDA #$00
//-----
L_BRS_($9594)_($958B) OK
L_BRS_($9594)_($9590) OK
//-----
$9594 C9 11 CMP #$11
$9596 90 07 BCC L_BRS_($959F)_($9596) OK
$9598 2C 01 0A BIT $0A01
$959B 30 02 BMI L_BRS_($959F)_($959B) OK
$959D A9 10 LDA #$10
//-----
L_BRS_($959F)_($9596) OK
L_BRS_($959F)_($959B) OK
//-----
$959F 0A ASL A
$95A0 8D 3A 88 STA $883A
$95A3 8D 3B 88 STA $883B
$95A6 0A ASL A
$95A7 0A ASL A
$95A8 8D 6F 82 STA $826F
$95AB AD 10 91 LDA $9110
$95AE 38 SEC
$95AF E9 05 SBC #$05
$95B1 B0 07 BCS L_BRS_($95BA)_($95B1) OK
$95B3 2C 01 0A BIT $0A01
$95B6 70 02 BVS L_BRS_($95BA)_($95B6) OK
$95B8 A9 00 LDA #$00
//-----
L_BRS_($95BA)_($95B1) OK
```

```

L_BRS_($95BA)_($95B6) OK
//-----
$95BA C9 18  CMP #$18
$95BC 90 07  BCC L_BRS_($95C5)_($95BC) OK
$95BE 2C 01 0A BIT $0A01
$95C1 70 02  BVS L_BRS_($95C5)_($95C1) OK
$95C3 A9 17  LDA #$17
//-----
L_BRS_($95C5)_($95BC) OK
L_BRS_($95C5)_($95C1) OK
//-----
$95C5 0A  ASL A
$95C6 8D 3C 88 STA $883C
$95C9 8D 3D 88 STA $883D
$95CC 0A  ASL A
$95CD 0A  ASL A
$95CE 8D 70 82 STA $8270
$95D1 A2 01  LDX #$01
//-----
L_BRS_($95D3)_($9605) OK
//-----
$95D3 BD 20 91 LDA $9120,X
$95D6 F0 2C  BEQ L_BRS_($9604)_($95D6) OK
$95D8 E0 00  CPX #$00
$95DA D0 08  BNE L_BRS_($95E4)_($95DA) OK
//-----
L_JSR_($95DE)_($1104) BAD
//-----
$95DC AD 21 91 LDA $9121

```

\$95DF F0 03 BEQ L_BRS_(\$95E4)_(\$95DF) OK

\$95E1 4C 56 A6 JMP \$A656

//-----

L_BRS_(\$95E4)_(\$95DA) OK

L_BRS_(\$95E4)_(\$95DF) OK

//-----

\$95E4 AD 0F 91 LDA \$910F

\$95E7 0A ASL A

\$95E8 0A ASL A

\$95E9 0A ASL A

\$95EA 9D 04 91 STA \$9104,X

\$95ED 38 SEC

\$95EE ED 6F 82 SBC \$826F

\$95F1 9D 00 91 STA \$9100,X

\$95F4 AD 10 91 LDA \$9110

\$95F7 0A ASL A

\$95F8 0A ASL A

\$95F9 0A ASL A

\$95FA 9D 06 91 STA \$9106,X

\$95FD 38 SEC

\$95FE ED 70 82 SBC \$8270

\$9601 9D 02 91 STA \$9102,X

//-----

L_BRS_(\$9604)_(\$95D6) OK

//-----

\$9604 CA DEX

\$9605 10 CC BPL L_BRS_(\$95D3)_(\$9605) OK

\$9607 A9 00 LDA #\$00

\$9609 8D 22 91 STA \$9122

```
$960C 8D EB C4 STA $C4EB
$960F 8D EC C4 STA $C4EC
$9612 A9 01 LDA #$01
$9614 8D 23 91 STA $9123
$9617 AD 20 91 LDA $9120
$961A 4A LSR A
$961B AD 21 91 LDA $9121
$961E 2A ROL A
$961F 29 03 AND #$03
$9621 C9 03 CMP #$03
$9623 D0 0A BNE L_BRS_($962F)_($9623) OK
$9625 A9 01 LDA #$01
$9627 8D 22 91 STA $9122
$962A A9 00 LDA #$00
$962C 8D 23 91 STA $9123
//-----
L_BRS_($962F)_($9623) OK
//-----
$962F A9 04 LDA #$04
$9631 8D 26 91 STA $9126
$9634 8D 27 91 STA $9127
$9637 60 RTS
//-----
L_JSR_($9638)_($87CD) OK
//-----
$9638 A9 01 LDA #$01
$963A 8D 0C 91 STA $910C
//-----
L_BRS_($963D)_($9672) OK
```



```
//-----
$963D AE 0C 91 LDX $910C
$9640 BD 20 91 LDA $9120,X
$9643 30 2A BMI L_BRS_($966F)_($9643) OK
$9645 F0 28 BEQ L_BRS_($966F)_($9645) OK
$9647 BC 22 91 LDY $9122,X
$964A BD B2 8E LDA $8EB2,X
$964D 48 PHA
$964E 29 04 AND #$04
$9650 D0 03 BNE L_BRS_($9655)_($9650) OK
$9652 20 75 96 JSR L_JSR_($9675)_($9652) OK
//-----
L_BRS_($9655)_($9650) OK
//-----
$9655 68 PLA
$9656 48 PHA
$9657 29 08 AND #$08
$9659 D0 03 BNE L_BRS_($965E)_($9659) OK
$965B 20 95 96 JSR L_JSR_($9695)_($965B) OK
//-----
L_BRS_($965E)_($9659) OK
//-----
$965E 68 PLA
$965F 48 PHA
$9660 29 01 AND #$01
$9662 D0 03 BNE L_BRS_($9667)_($9662) OK
$9664 20 B5 96 JSR L_JSR_($96B5)_($9664) OK
//-----
L_BRS_($9667)_($9662) OK
```

```
//-----
$9667 68    PLA
$9668 29 02  AND #02
$966A D0 03  BNE L_BRS_($966F)_($966A) OK
$966C 20 D5 96 JSR L_JSR_($96D5)_($966C) OK
//-----
L_BRS_($966F)_($9643) OK
L_BRS_($966F)_($9645) OK
L_BRS_($966F)_($966A) OK
//-----
$966F CE 0C 91 DEC $910C
$9672 10 C9  BPL L_BRS_($963D)_($9672) OK
$9674 60    RTS
//-----
L_JSR_($9675)_($9652) OK
//-----
$9675 BD 00 91 LDA $9100,X
$9678 C9 41  CMP #041
$967A B0 0F  BCS L_BRS_($968B)_($967A) OK
$967C B9 00 91 LDA $9100,Y
$967F C9 71  CMP #071
$9681 B0 09  BCS L_BRS_($968C)_($9681) OK
$9683 AD 40 88 LDA $8840
$9686 29 0B  AND #00B
$9688 8D 40 88 STA $8840
//-----
L_BRS_($968B)_($967A) OK
//-----
$968B 60    RTS
```

//-----
L_BRS_(\$968C)_(\$9681) OK

//-----
\$968C AD 40 88 LDA \$8840
\$968F 09 04 ORA #\$04
\$9691 8D 40 88 STA \$8840
\$9694 60 RTS

//-----
L_JSR_(\$9695)_(\$965B) OK
//-----
\$9695 BD 00 91 LDA \$9100,X
\$9698 C9 38 CMP #\$38
\$969A 90 0F BCC L_BRS_(\$96AB)_(\$969A) OK
\$969C B9 00 91 LDA \$9100,Y
\$969F C9 09 CMP #\$09
\$96A1 90 09 BCC L_BRS_(\$96AC)_(\$96A1) OK
\$96A3 AD 40 88 LDA \$8840
\$96A6 29 07 AND #\$07
\$96A8 8D 40 88 STA \$8840

//-----
L_BRS_(\$96AB)_(\$969A) OK
//-----
\$96AB 60 RTS

//-----
L_BRS_(\$96AC)_(\$96A1) OK
//-----
\$96AC AD 40 88 LDA \$8840
\$96AF 09 08 ORA #\$08
\$96B1 8D 40 88 STA \$8840

```
$96B4 60    RTS
//-----
L_JSR_($96B5)_($9664) OK
//-----
$96B5 BD 02 91 LDA $9102,X
$96B8 C9 29    CMP #$29
$96BA B0 0F    BCS L_BRS_($96CB)_($96BA) OK
$96BC B9 02 91 LDA $9102,Y
$96BF C9 39    CMP #$39
$96C1 B0 09    BCS L_BRS_($96CC)_($96C1) OK
$96C3 AD 40 88 LDA $8840
$96C6 29 0E    AND #$0E
$96C8 8D 40 88 STA $8840
//-----
L_BRS_($96CB)_($96BA) OK
//-----
$96CB 60    RTS
//-----
L_BRS_($96CC)_($96C1) OK
//-----
$96CC AD 40 88 LDA $8840
$96CF 09 01    ORA #$01
$96D1 8D 40 88 STA $8840
$96D4 60    RTS
//-----
L_JSR_($96D5)_($966C) OK
//-----
$96D5 BD 02 91 LDA $9102,X
$96D8 C9 20    CMP #$20
```

\$96DA 90 0F BCC L_BRS_(\$96EB)_(\$96DA) OK

\$96DC B9 02 91 LDA \$9102,Y

\$96DF C9 08 CMP #\$08

\$96E1 90 09 BCC L_BRS_(\$96EC)_(\$96E1) OK

\$96E3 AD 40 88 LDA \$8840

\$96E6 29 0D AND #\$0D

\$96E8 8D 40 88 STA \$8840

//-----

L_BRS_(\$96EB)_(\$96DA) OK

//-----

\$96EB 60 RTS

//-----

L_BRS_(\$96EC)_(\$96E1) OK

//-----

\$96EC AD 40 88 LDA \$8840

\$96EF 09 02 ORA #\$02

\$96F1 8D 40 88 STA \$8840

\$96F4 60 RTS

//-----

L_JSR_(\$96F5)_(\$901F) OK

L_JSR_(\$96F5)_(\$972D) OK

L_JSR_(\$96F5)_(\$974E) OK

L_JSR_(\$96F5)_(\$9777) OK

L_JSR_(\$96F5)_(\$986C) OK

//-----

\$96F5 AD 08 91 LDA \$9108

\$96F8 29 FC AND #\$FC

\$96FA 85 94 STA \$94

\$96FC AD 09 91 LDA \$9109

```
$96FF 29 FC  AND #$FC
$9701 4A    LSR A
$9702 4A    LSR A
$9703 4A    LSR A
$9704 66 94  ROR $94
$9706 4A    LSR A
$9707 66 94  ROR $94
$9709 09 30  ORA #$30
$970B 85 95  STA $95
$970D 60    RTS
//-----
L_JSR_($970E)_($9463) OK
//-----
$970E AE 0C 91 LDX $910C
$9711 BD B2 8E LDA $8EB2,X
$9714 C9 0F    CMP #$0F
$9716 F0 4B    BEQ L_BRS_($9763)_($9716) OK
$9718 A8     TAY
$9719 BD 04 91 LDA $9104,X
$971C 18     CLC
$971D 79 BC 97 ADC $97BC,Y
$9720 8D 08 91 STA $9108
$9723 BD 06 91 LDA $9106,X
$9726 18     CLC
$9727 79 CC 97 ADC $97CC,Y
$972A 8D 09 91 STA $9109
$972D 20 F5 96 JSR L_JSR_($96F5)_($972D) OK
$9730 20 83 97 JSR L_JSR_($9783)_($9730) OK
$9733 90 25    BCC L_BRS_($975A)_($9733) OK
```

```
$9735 BD 12 91 LDA $9112,X
$9738 C9 36  CMP #$36
$973A F0 03  BEQ L_BRS_($973F)_($973A) OK
$973C 20 9A 97 JSR L_JSR_($979A)_($973C) OK
//-----
L_BRS_($973F)_($973A) OK
//-----
$973F AE 0C 91 LDX $910C
$9742 BD 04 91 LDA $9104,X
$9745 8D 08 91 STA $9108
$9748 BD 06 91 LDA $9106,X
$974B 8D 09 91 STA $9109
$974E 20 F5 96 JSR L_JSR_($96F5)_($974E) OK
$9751 20 AB 97 JSR L_JSR_($97AB)_($9751) OK
$9754 A9 00  LDA #$00
$9756 9D 12 91 STA $9112,X
$9759 60  RTS
//-----
L_BRS_($975A)_($9733) OK
L_BRS_($975A)_($9766) OK
//-----
$975A AE 0C 91 LDX $910C
$975D A9 0F  LDA #$0F
$975F 9D B2 8E STA $8EB2,X
$9762 60  RTS
//-----
L_BRS_($9763)_($9716) OK
//-----
$9763 AD 54 82 LDA $8254
```

```
$9766 F0 F2  BEQ L_BRS_($975A)_($9766) OK
$9768 AE 0C 91 LDX $910C
$976B BD 04 91 LDA $9104,X
$976E 8D 08 91 STA $9108
$9771 BD 06 91 LDA $9106,X
$9774 8D 09 91 STA $9109
$9777 20 F5 96 JSR L_JSR_($96F5)_($9777) OK
$977A 20 9A 97 JSR L_JSR_($979A)_($977A) OK
$977D A9 00  LDA #$00
$977F 9D 12 91 STA $9112,X
$9782 60     RTS
//-----
L_JSR_($9783)_($9730) OK
//-----
$9783 A9 5A  LDA #$5A
$9785 A0 00  LDY #$00
$9787 D1 94  CMP ($94),Y
$9789 90 0E  BCC L_BRS_($9799)_($9789) OK
$978B C8     INY
$978C D1 94  CMP ($94),Y
$978E 90 09  BCC L_BRS_($9799)_($978E) OK
$9790 A0 40  LDY #$40
$9792 D1 94  CMP ($94),Y
$9794 C8     INY
$9795 90 02  BCC L_BRS_($9799)_($9795) OK
$9797 D1 94  CMP ($94),Y
//-----
L_BRS_($9799)_($9789) OK
L_BRS_($9799)_($978E) OK
```


L_BRS_(\$9799)_(\$9795) OK

//-----

\$9799 60 RTS

//-----

L_JSR_(\$979A)_(\$973C) OK

L_JSR_(\$979A)_(\$977A) OK

//-----

\$979A A0 00 LDY #\$00

\$979C A9 5B LDA #\$5B

\$979E 91 94 STA (\$94),Y

\$97A0 C8 INY

\$97A1 91 94 STA (\$94),Y

\$97A3 A0 40 LDY #\$40

\$97A5 91 94 STA (\$94),Y

\$97A7 C8 INY

\$97A8 91 94 STA (\$94),Y

\$97AA 60 RTS

//-----

L_JSR_(\$97AB)_(\$9022) OK

L_JSR_(\$97AB)_(\$9751) OK

//-----

\$97AB A0 00 LDY #\$00

\$97AD A9 00 LDA #\$00

\$97AF 91 94 STA (\$94),Y

\$97B1 C8 INY

\$97B2 91 94 STA (\$94),Y

\$97B4 A0 40 LDY #\$40

\$97B6 91 94 STA (\$94),Y

\$97B8 C8 INY

```

$97B9 91 94 STA ($94),Y
$97BB 60 RTS

//-----
$97BC .byte $00,$00,$00,$00,$00
$97C1 08 PHP
$97C2 08 PHP
$97C3 08 PHP
$97C4 .byte $00,$F8,$F8,$F8,$00,$00,$00,$00
$97CC .byte $00,$00,$00,$00,$00
$97D1 08 PHP
$97D2 .byte $F8,$00,$00
$97D5 08 PHP
$97D6 .byte $F8,$00,$00
$97D9 08 PHP
$97DA .byte $F8,$00,$00,$00
$97DE 10 11 BPL L_BRS_($97F1)_($97DE) OK
$97E0 .byte $12,$13,$14
$97E3 15 16 ORA $16,X
$97E5 .byte $17
$97E6 18 CLC
$97E7 19 21 22 ORA $2221,Y
$97EA .byte $23
$97EB 24 25 BIT $25
$97ED 26 01 ROL $01
$97EF .byte $02,$04

//-----
L_BRS_($97F1)_($97DE) OK

//-----
$97F1 08 PHP

```

\$97F2 10 20 BPL L_BRS_(\$9814)_(\$97F2) BAD

\$97F4 40 RTI

//-----

\$97F5 .byte \$80

\$97F6 FE FD FB INC \$FBFD,X

\$97F9 .byte \$F7,\$EF,\$DF,\$BF,\$7F

\$97FE A9 00 LDA #\$00

\$9800 9D 20 91 STA \$9120,X

\$9803 A9 3C LDA #\$3C

\$9805 9D 1E 91 STA \$911E,X

\$9808 A9 00 LDA #\$00

\$980A 8D 22 91 STA \$9122

\$980D A9 01 LDA #\$01

\$980F 8D 23 91 STA \$9123

//-----

L_BRS_(\$9814)_(\$97F2) BAD

//-----

\$9812 20 26 98 JSR L_JSR_(\$9826)_(\$9812) OK

\$9815 EE 3E B7 INC \$B73E

\$9818 8A TXA

\$9819 48 PHA

\$981A 98 TYA

\$981B 48 PHA

\$981C A9 0F LDA #\$0F

\$981E 20 BA CE JSR L_JSR_(\$CEBA)_(\$981E) OK

\$9821 68 PLA

\$9822 A8 TAY

\$9823 68 PLA

\$9824 AA TAX

```
$9825 60    RTS
//-----
L_JSR_($9826)_($9812) OK
//-----
$9826 BD 06 91 LDA $9106,X
$9829 4A    LSR A
$982A 4A    LSR A
$982B 4A    LSR A
$982C A8    TAY
$982D BD 04 91 LDA $9104,X
$9830 4A    LSR A
$9831 4A    LSR A
$9832 4A    LSR A
$9833 19 70 8E ORA $8E70,Y
$9836 85 94  STA $94
$9838 B9 90 8E LDA $8E90,Y
$983B 85 95  STA $95
$983D A0 1F  LDY # $1F
$983F BD 42 B7 LDA $B742,X
$9842 D0 0B  BNE L_BRS_($984F)_($9842) OK
$9844 A0 22  LDY # $22
$9846 AD AD 99 LDA $99AD
$9849 C9 76  CMP # $76
$984B 90 02  BCC L_BRS_($984F)_($984B) OK
$984D A0 13  LDY # $13
//-----
L_BRS_($984F)_($9842) OK
L_BRS_($984F)_($984B) OK
//-----
```

\$984F 98 TYA
\$9850 A0 00 LDY # \$00
\$9852 91 94 STA (\$94),Y
\$9854 0A ASL A
\$9855 0A ASL A
\$9856 85 96 STA \$96
\$9858 A9 F4 LDA # \$F4
\$985A 85 97 STA \$97
\$985C BD 04 91 LDA \$9104,X
\$985F 29 F8 AND # \$F8
\$9861 8D 08 91 STA \$9108
\$9864 BD 06 91 LDA \$9106,X
\$9867 29 F8 AND # \$F8
\$9869 8D 09 91 STA \$9109
\$986C 20 F5 96 JSR L_JSR_(\$96F5)_(\$986C) OK
\$986F A5 94 LDA \$94
\$9871 85 98 STA \$98
\$9873 A5 95 LDA \$95
\$9875 29 2F AND # \$2F
\$9877 85 99 STA \$99
\$9879 A0 00 LDY # \$00
\$987B B1 96 LDA (\$96),Y
\$987D 91 94 STA (\$94),Y
\$987F C8 INY
\$9880 B1 96 LDA (\$96),Y
\$9882 91 94 STA (\$94),Y
\$9884 C8 INY
\$9885 B1 96 LDA (\$96),Y
\$9887 48 PHA

```
$9888 C8    INY
$9889 B1 96  LDA ($96),Y
$988B A0 41  LDY #$41
$988D 91 94  STA ($94),Y
$988F 88    DEY
$9890 68    PLA
$9891 91 94  STA ($94),Y
$9893 E6 97  INC $97
$9895 E6 97  INC $97
$9897 A0 00  LDY #$00
$9899 B1 96  LDA ($96),Y
$989B 91 98  STA ($98),Y
$989D C8    INY
$989E 91 98  STA ($98),Y
$98A0 A0 40  LDY #$40
$98A2 91 98  STA ($98),Y
$98A4 C8    INY
$98A5 91 98  STA ($98),Y
$98A7 60    RTS
//-----
L_JSR_($98A8)_($9466) OK
//-----
$98A8 AE 0C 91 LDX $910C
$98AB AD BA 94 LDA $94BA
$98AE 30 2A  BMI L_BRS_($98DA)_($98AE) OK
$98B0 4A    LSR A
$98B1 A8    TAY
$98B2 BD B0 8E LDA $8EB0,X
$98B5 29 0F  AND #$0F
```

```

$98B7 D9 0F 95 CMP $950F,Y
$98BA D0 1E BNE L_BRS_($98DA)_($98BA) OK
$98BC AC BA 94 LDY $94BA
$98BF 8A TXA
$98C0 0A ASL A
$98C1 AA TAX
$98C2 B9 B0 00 LDA $00B0,Y
$98C5 95 C0 STA $C0,X
$98C7 B9 B1 00 LDA $00B1,Y
$98CA 95 C1 STA $C1,X
$98CC A1 C0 LDA ($C0,X)
$98CE C9 30 CMP #$30
$98D0 D0 08 BNE L_BRS_($98DA)_($98D0) OK
$98D2 AE 0C 91 LDX $910C
$98D5 A9 01 LDA #$01
$98D7 9D 71 90 STA $9071,X
//-----
L_BRS_($98DA)_($98AE) OK
L_BRS_($98DA)_($98BA) OK
L_BRS_($98DA)_($98D0) OK
//-----
$98DA 60 RTS
//-----
$98DB .byte $13,$00
$98DD 4C 45 56 JMP L_JMP_($5645)_($98DD) JAM
$98E0 45 4C EOR $4C
$98E2 20 30 30 JSR L_JSR_($3030)_($98E2) JAM
$98E5 31 47 AND ($47),Y
$98E7 31 2A AND ($2A),Y

```

\$98E9 4E 32 33 LSR \$3332
\$98EC .byte \$32
\$98ED 20 35 30 JSR L_JSR_(\$3035)_(\$98ED) JAM
\$98F0 30 30 BMI L_BRS_(\$9922)_(\$98F0) BAD
\$98F2 .byte \$47,\$32
\$98F4 2A ROL A
\$98F5 .byte \$52,\$53
\$98F7 2E 53 50 ROL \$5053
\$98FA .byte \$52,\$47,\$33
\$98FD 2A ROL A
\$98FE .byte \$44
\$98FF 49 53 EOR #53
\$9901 .byte \$47,\$34
\$9903 2A ROL A
\$9904 .byte \$54
\$9905 49 44 EOR #44
\$9907 41 54 EOR (\$54,X)
\$9909 41 20 EOR (\$20,X)
\$990B 31 34 AND (\$34),Y
\$990D 36 47 ROL \$47,X
\$990F 35 2A AND \$2A,X
\$9911 41 54 EOR (\$54,X)
\$9913 .byte \$52
\$9914 45 41 EOR \$41
\$9916 .byte \$53
\$9917 55 52 EOR \$52,X
\$9919 45 20 EOR \$20
\$991B .byte \$34,\$34
\$991D 36 47 ROL \$47,X


```
$991F 36 2A ROL $2A,X
//-----
L_BRS_($9922)_($98F0) BAD
//-----
$9921 59 45 52 EOR $5245,Y
$9924 2D 24 45 AND $4524
$9927 30 30 BMI L_BRS_($9959)_($9927) OK
$9929 30 47 BMI L_BRS_($9972)_($9929) OK
$992B .byte $37
$992C 2A ROL A
$992D 4E 54 20 LSR $2054
$9930 .byte $43
$9931 48 PHA
$9932 .byte $52
$9933 20 24 34 JSR L_JSR_($3424)_($9933) JAM
$9936 38 SEC
$9937 30 30 BMI L_BRS_($9969)_($9937) BAD
$9939 .byte $00
$993A 0A ASL A
$993B 88 DEY
$993C .byte $13,$00
$993E 20 00 F0 JSR $F000
$9941 .byte $00
$9942 EA NOP
$9943 .byte $00
$9944 E8 INX
$9945 .byte $00
$9946 E0 00 CPX # $00
$9948 48 PHA
```

```
$9949 09 0C  ORA #0C
$994B 09 06  ORA #06
$994D 0D 10 0C ORA $0C10
$9950      .byte $0F,$07
$9952 DD 98 E6  CMP $E698,X
$9955 98    TYA
$9956      .byte $F2
$9957 98    TYA
$9958      .byte $FB
//-----
L_BRS_($9959)_($9927) OK
//-----
$9959 98    TYA
$995A 01 99  ORA ($99,X)
$995C 0E 99 1E  ASL $1E99
$995F 99 2A 99  STA $992A,Y
//-----
L_JSR_($9964)_($8031) BAD
//-----
$9962 39 99 AE  AND $AE99,Y
$9965 51 99  EOR ($99),Y
//-----
L_BRS_($9969)_($9937) BAD
//-----
$9967 2C A2 00  BIT $00A2
//-----
L_BRS_($996A)_($999E) OK
//-----
$996A 8A    TXA
```

\$996B 48 PHA

\$996C A9 01 LDA #\$01

\$996E A2 08 LDX #\$08

\$9970 A0 00 LDY #\$00

//-----

L_BRS_(\$9972)_(\$9929) OK

//-----

\$9972 20 BA FF JSR \$FFBA

\$9975 68 PLA

\$9976 48 PHA

\$9977 AA TAX

\$9978 0A ASL A

\$9979 A8 TAY

\$997A B9 39 99 LDA \$9939,Y

\$997D 48 PHA

\$997E B9 3A 99 LDA \$993A,Y

\$9981 48 PHA

\$9982 BD 49 99 LDA \$9949,X

\$9985 48 PHA

\$9986 B9 52 99 LDA \$9952,Y

\$9989 AA TAX

\$998A B9 53 99 LDA \$9953,Y

\$998D A8 TAY

\$998E 68 PLA

\$998F 20 BD FF JSR \$FFBD

\$9992 68 PLA

\$9993 A8 TAY

\$9994 68 PLA

\$9995 AA TAX

```

$9996 A9 00 LDA #$00
$9998 20 D5 FF JSR $FFD5

$999B 68 PLA
$999C AA TAX
$999D CA DEX
$999E D0 CA BNE L_BRS_($996A)_($999E) OK
$99A0 60 RTS

//-----
$99A1 .byte $00
$99A2 AD 00 DC LDA $DC00
$99A5 29 10 AND #$10
$99A7 F0 02 BEQ L_BRS_($99AB)_($99A7) OK
$99A9 18 CLC
$99AA 60 RTS

//-----
L_BRS_($99AB)_($99A7) OK
//-----
$99AB 38 SEC
$99AC 60 RTS

//-----
$99AD .byte $00,$03
$99AF 06 33 ASL $33
$99B1 .byte $02

//-----
L_JSR_($99B2)_($80BB) OK
//-----
$99B2 20 72 CF JSR L_JSR_($CF72)_($99B2) OK
$99B5 20 D8 9B JSR L_JSR_($9BD8)_($99B5) OK
$99B8 CE AF 99 DEC $99AF

```

\$99BB D0 03 BNE L_BRS_(\$99C0)_(\$99BB) OK

\$99BD 20 40 9A JSR L_JSR_(\$9A40)_(\$99BD) OK

//-----

L_BRS_(\$99C0)_(\$99BB) OK

//-----

\$99C0 78 SEI

\$99C1 A5 01 LDA \$01

\$99C3 48 PHA

\$99C4 A9 34 LDA #\$34

\$99C6 85 01 STA \$01

\$99C8 A9 00 LDA #\$00

\$99CA 8D AD 99 STA \$99AD

\$99CD AD B1 99 LDA \$99B1

\$99D0 A8 TAY

\$99D1 B9 1C 9B LDA \$9B1C,Y

\$99D4 F0 03 BEQ L_BRS_(\$99D9)_(\$99D4) OK

\$99D6 CE AD 99 DEC \$99AD

//-----

L_BRS_(\$99D9)_(\$99D4) OK

//-----

\$99D9 98 TYA

\$99DA 0A ASL A

\$99DB 18 CLC

\$99DC 69 D0 ADC #\$D0

\$99DE 85 FC STA \$FC

\$99E0 A9 0A LDA #\$0A

\$99E2 85 F8 STA \$F8

\$99E4 A9 00 LDA #\$00

\$99E6 85 F7 STA \$F7

```
$99E8 85 FB STA $FB
$99EA A8 TAY
$99EB A2 01 LDX #$01
//-----
L_BRS_($99ED)_($99F2) OK
L_BRS_($99ED)_($99F9) OK
//-----
$99ED B1 FB LDA ($FB),Y
$99EF 91 F7 STA ($F7),Y
$99F1 C8 INY
$99F2 D0 F9 BNE L_BRS_($99ED)_($99F2) OK
$99F4 E6 F8 INC $F8
$99F6 E6 FC INC $FC
$99F8 CA DEX
$99F9 10 F2 BPL L_BRS_($99ED)_($99F9) OK
$99FB EE B1 99 INC $99B1
$99FE 68 PLA
$99FF 85 01 STA $01
$9A01 58 CLI
$9A02 20 89 82 JSR L_JSR_($8289)_($9A02) OK
$9A05 A9 00 LDA #$00
$9A07 8D 9E E6 STA $E69E
$9A0A EE AE 99 INC $99AE
$9A0D 20 94 AE JSR $AE94
$9A10 AD AD 99 LDA $99AD
$9A13 C9 76 CMP #$76
$9A15 90 0A BCC L_BRS_($9A21)_($9A15) OK
$9A17 20 87 B1 JSR $B187
$9A1A 20 29 A5 JSR $A529
```

```
$9A1D 20 68 9C JSR L_JSR_($9C68)_($9A1D) OK
$9A20 60    RTS
//-----
L_BRS_($9A21)_($9A15) OK
//-----
$9A21 20 44 B0 JSR $B044
$9A24 A2 00   LDX #$00
$9A26 20 D2 B0 JSR $B0D2
$9A29 20 4F 9D JSR L_JSR_($9D4F)_($9A29) OK
$9A2C 20 E7 B0 JSR $B0E7
$9A2F 46 9B   LSR $9B
$9A31 20 E7 B0 JSR $B0E7
$9A34      .byte $5B,$9B
$9A36 20 23 9B JSR L_JSR_($9B23)_($9A36) OK
$9A39 20 29 A5 JSR $A529
$9A3C 20 68 9C JSR L_JSR_($9C68)_($9A3C) OK
$9A3F 60    RTS
//-----
L_JSR_($9A40)_($99BD) OK
//-----
$9A40 20 C4 82 JSR L_JSR_($82C4)_($9A40) OK
$9A43 A9 02   LDA #$02
$9A45 A0 02   LDY #$02
$9A47 8C 44 9A STY $9A44
$9A4A 20 50 08 JSR L_JSR_($0850)_($9A4A) BAD
$9A4D A9 00   LDA #$00
$9A4F 8D B1 99 STA $99B1
$9A52 20 6C 9A JSR L_JSR_($9A6C)_($9A52) OK
$9A55 A9 07   LDA #$07
```

```
$9A57 AC AE 99 LDY $99AE
$9A5A C0 08 CPY #$08
$9A5C 90 0A BCC L_BRS_($9A68)_($9A5C) OK
$9A5E AD 02 20 LDA $2002
$9A61 29 40 AND #$40
$9A63 CD AB 9D CMP $9DAB
$9A66 A9 04 LDA #$04
//-----
L_BRS_($9A68)_($9A5C) OK
//-----
$9A68 8D AF 99 STA $99AF
$9A6B 60 RTS
//-----
L_JSR_($9A6C)_($9A52) OK
//-----
$9A6C 20 D4 9A JSR L_JSR_($9AD4)_($9A6C) OK
$9A6F 78 SEI
$9A70 A5 01 LDA $01
$9A72 48 PHA
$9A73 A9 34 LDA #$34
$9A75 85 01 STA $01
$9A77 A9 00 LDA #$00
$9A79 85 F7 STA $F7
$9A7B 85 FB STA $FB
$9A7D A9 D0 LDA #$D0
$9A7F 85 F8 STA $F8
//-----
L_BRS_($9A81)_($9ACD) OK
//-----
```



```
$9A81 A9 06 LDA #$06
$9A83 38 SEC
$9A84 ED 64 82 SBC $8264
$9A87 AA TAX
//-----
L_JSR_($9A89)_($11CB) BAD
//-----
$9A88 A9 00 LDA #$00
$9A8A 9D 19 9B STA $9B19,X
$9A8D AD AE 99 LDA $99AE
$9A90 C9 08 CMP #$08
$9A92 90 1C BCC L_BRS_($9AB0)_($9A92) OK
$9A94 CE 1B B0 DEC $B01B
$9A97 D0 17 BNE L_BRS_($9AB0)_($9A97) OK
$9A99 A9 01 LDA #$01
$9A9B 9D 19 9B STA $9B19,X
$9A9E 20 0F A5 JSR $A50F
$9AA1 29 03 AND #$03
$9AA3 09 08 ORA #$08
$9AA5 8D 1B B0 STA $B01B
$9AA8 20 0F A5 JSR $A50F
$9AAB 29 01 AND #$01
$9AAD 09 08 ORA #$08
$9AAF AA TAX
//-----
L_BRS_($9AB0)_($9A92) OK
L_BRS_($9AB0)_($9A97) OK
//-----
$9AB0 BD 0F 9B LDA $9B0F,X
```

```
$9AB3 0A ASL A
$9AB4 09 20 ORA #20
$9AB6 85 FC STA $FC
$9AB8 A2 01 LDX #01
$9ABA A0 00 LDY #00
//-----
L_BRS_($9ABC)_($9AC1) OK
L_BRS_($9ABC)_($9AC8) OK
//-----
$9ABC B1 FB LDA ($FB),Y
$9ABE 91 F7 STA ($F7),Y
$9AC0 C8 INY
$9AC1 D0 F9 BNE L_BRS_($9ABC)_($9AC1) OK
$9AC3 E6 F8 INC $F8
$9AC5 E6 FC INC $FC
$9AC7 CA DEX
$9AC8 10 F2 BPL L_BRS_($9ABC)_($9AC8) OK
$9ACA CE 64 82 DEC $8264
$9ACD 10 B2 BPL L_BRS_($9A81)_($9ACD) OK
$9ACF 68 PLA
$9AD0 85 01 STA $01
$9AD2 58 CLI
$9AD3 60 RTS
//-----
L_JSR_($9AD4)_($9A6C) OK
L_BRS_($9AD4)_($9B37) OK
//-----
$9AD4 AC AE 99 LDY $99AE
$9AD7 C0 04 CPY #04
```

\$9AD9 B0 0F BCS L_BRS_(\$9AEA)_(\$9AD9) OK

\$9ADB A2 09 LDX # \$09

//-----

L_BRS_(\$9ADD)_(\$9AE2) OK

//-----

\$9ADD 8A TXA

\$9ADE 9D 0F 9B STA \$9B0F,X

\$9AE1 CA DEX

\$9AE2 10 F9 BPL L_BRS_(\$9ADD)_(\$9AE2) OK

\$9AE4 A9 06 LDA # \$06

\$9AE6 8D 64 82 STA \$8264

\$9AE9 60 RTS

//-----

L_BRS_(\$9AEA)_(\$9AD9) OK

//-----

\$9AEA A9 35 LDA # \$35

\$9AEC 85 01 STA \$01

\$9AEE AD 12 D0 LDA \$D012

\$9AF1 29 07 AND # \$07

\$9AF3 A8 TAY

//-----

L_JSR_(\$9AF4)_(\$11C8) OK

//-----

\$9AF4 A2 00 LDX # \$00

//-----

L_BRS_(\$9AF6)_(\$9B02) OK

//-----

\$9AF6 98 TYA

\$9AF7 9D 0F 9B STA \$9B0F,X

```

$9AFA C8    INY
$9AFB 98    TYA
$9AFC 29 07  AND #$07
$9AFE A8    TAY
$9AFF E8    INX
$9B00 E0 08  CPX #$08
$9B02 D0 F2  BNE L_BRS_($9AF6)_($9B02) OK
$9B04 A9 03  LDA #$03
$9B06 8D 64 82 STA $8264
$9B09 A9 00  LDA #$00
$9B0B 8D 20 D0 STA $D020
$9B0E 60    RTS
//-----
$9B0F      .byte $00
$9B10 01 02  ORA ($02,X)
$9B12      .byte $03,$04
$9B14 05 06  ORA $06
$9B16      .byte $07
$9B17 08    PHP
$9B18 09 00  ORA #$00
$9B1A      .byte $00,$00,$00,$00,$00,$00,$00,$00
$9B22      .byte $00
//-----
L_JSR_($9B23)_($9A36) OK
//-----
$9B23 A2 02  LDX #$02
$9B25 20 D2 B0 JSR $B0D2
$9B28 A2 0A  LDX #$0A
$9B2A 20 28 B2 JSR $B228

```

```
$9B2D AD 01 0A LDA $0A01
$9B30 29 01 AND #$01
$9B32 F0 05 BEQ L_BRS_($9B39)_($9B32) OK
$9B34 20 E7 B0 JSR $B0E7
$9B37 70 9B BVS L_BRS_($9AD4)_($9B37) OK
//-----
L_BRS_($9B39)_($9B32) OK
//-----
$9B39 AD 01 0A LDA $0A01
$9B3C 29 02 AND #$02
$9B3E F0 05 BEQ L_BRS_($9B45)_($9B3E) BAD
$9B40 20 E7 B0 JSR $B0E7
//-----
L_BRS_($9B45)_($9B3E) BAD
//-----
$9B43 8E 9B 60 STX $609B
$9B46 .byte $13
$9B47 0A ASL A
$9B48 E1 E2 SBC ($E2,X)
$9B4A .byte $E3
$9B4B E4 E5 CPX $E5
$9B4D E6 E3 INC $E3
$9B4F E4 E1 CPX $E1
$9B51 .byte $E2
$9B52 20 E0 20 JSR L_JSR_($20E0)_($9B52) JAM
$9B55 20 20 20 JSR $2020
$9B58 20 20 20 JSR $2020
$9B5B .byte $13
$9B5C 0A ASL A
```

```
$9B5D 01 02  ORA ($02,X)
$9B5F      .byte $03,$04
$9B61 05 06  ORA $06
$9B63      .byte $03,$04
$9B65 01 02  ORA ($02,X)
$9B67 20 00 20 JSR L_JSR_($2000)_($9B67) OK
$9B6A 20 20 20 JSR $2020
$9B6D 20 20 20 JSR $2020
$9B70      .byte $1C
$9B71 01 53  ORA ($53,X)
$9B73 48    PHA
$9B74      .byte $4F,$54,$53
$9B77 20 4E 4F JSR L_JSR_($4F4E)_($9B77) JAM
$9B7A      .byte $57
$9B7B 20 48 55 JSR L_JSR_($5548)_($9B7B) BAD
$9B7E      .byte $52,$54
$9B80 20 4F 54 JSR L_JSR_($544F)_($9B80) JAM
$9B83 48    PHA
$9B84 45 52  EOR $52
$9B86 20 50 4C JSR L_JSR_($4C50)_($9B86) BAD
$9B89 41 59  EOR ($59,X)
$9B8B 45 52  EOR $52
$9B8D      .byte $53,$1C
$9B8F 01 53  ORA ($53,X)
$9B91 48    PHA
$9B92      .byte $4F,$54,$53
$9B95 20 4E 4F JSR L_JSR_($4F4E)_($9B95) JAM
$9B98      .byte $57
$9B99 20 53 54 JSR L_JSR_($5453)_($9B99) BAD
```

```

$9B9C 55 4E  EOR $4E,X
$9B9E 20 4F 54 JSR L_JSR_($544F)_($9B9E) JAM
$9BA1 48     PHA
$9BA2 45 52  EOR $52
$9BA4 20 50 4C JSR L_JSR_($4C50)_($9BA4) BAD
$9BA7 41 59  EOR ($59,X)
$9BA9 45 52  EOR $52
$9BAB      .byte $53
$9BAC AD 1B B0 LDA $B01B
$9BAF D0 19  BNE L_BRS_($9BCA)_($9BAF) OK
$9BB1 20 0F A5 JSR $A50F
$9BB4 29 03  AND #$03
$9BB6 09 04  ORA #$04
$9BB8 8D 1B B0 STA $B01B
//-----
L_BRS_($9BBB)_($9BC2) OK
//-----
$9BBB 20 0F A5 JSR $A50F
$9BBE 29 0F  AND #$0F
$9BC0 C9 0B  CMP #$0B
$9BC2 B0 F7  BCS L_BRS_($9BBB)_($9BC2) OK
$9BC4 69 76  ADC #$76
$9BC6 CE AE 99 DEC $99AE
$9BC9 60     RTS
//-----
L_BRS_($9BCA)_($9BAF) OK
L_BRS_($9BCA)_($9BD1) OK
L_BRS_($9BCA)_($9BD5) OK
//-----

```

```

$9BCA 20 0F A5 JSR $A50F
$9BCD 29 7F AND #$7F
$9BCF C9 08 CMP #$08
$9BD1 90 F7 BCC L_BRS_($9BCA)_($9BD1) OK
$9BD3 C9 76 CMP #$76
$9BD5 B0 F3 BCS L_BRS_($9BCA)_($9BD5) OK
$9BD7 60 RTS
//-----
L_JSR_($9BD8)_($99B5) OK
//-----
$9BD8 AD AE 99 LDA $99AE
$9BDB C9 02 CMP #$02
$9BDD F0 12 BEQ L_BRS_($9BF1)_($9BDD) OK
$9BDF C9 05 CMP #$05
$9BE1 F0 01 BEQ L_BRS_($9BE4)_($9BE1) OK
$9BE3 60 RTS
//-----
L_BRS_($9BE4)_($9BE1) OK
//-----
$9BE4 A2 02 LDX #$02
$9BE6 20 24 9C JSR L_JSR_($9C24)_($9BE6) OK
$9BE9 A2 00 LDX #$00
$9BEB 20 24 9C JSR L_JSR_($9C24)_($9BEB) OK
$9BEE 4C FB 9B JMP L_JMP_($9BFB)_($9BEE) OK
//-----
L_BRS_($9BF1)_($9BDD) OK
//-----
$9BF1 A2 02 LDX #$02
$9BF3 20 3D 9C JSR L_JSR_($9C3D)_($9BF3) OK

```



```
$9BF6 A2 00 LDX #$00
$9BF8 20 3D 9C JSR L_JSR_($9C3D)_($9BF8) OK
//-----
L_JMP_($9BFB)_($9BEE) OK
//-----
$9BFB AD 21 9C LDA $9C21
$9BFE CD 23 9C CMP $9C23
$9C01 B0 03 BCS L_BRS_($9C06)_($9C01) OK
$9C03 AD 23 9C LDA $9C23
//-----
L_BRS_($9C06)_($9C01) OK
//-----
$9C06 8D AE 99 STA $99AE
$9C09 C9 08 CMP #$08
$9C0B 90 05 BCC L_BRS_($9C12)_($9C0B) OK
$9C0D A9 01 LDA #$01
$9C0F 8D AF 99 STA $99AF
//-----
L_BRS_($9C12)_($9C0B) OK
//-----
$9C12 C9 04 CMP #$04
$9C14 D0 0A BNE L_BRS_($9C20)_($9C14) OK
$9C16 A9 03 LDA #$03
$9C18 8D B1 99 STA $99B1
$9C1B A9 05 LDA #$05
$9C1D 8D AF 99 STA $99AF
//-----
L_BRS_($9C20)_($9C14) OK
//-----
```

```

$9C20 60    RTS
//-----
$9C21      .byte $02,$00,$02
//-----
L_JSR_($9C24)_($9BE6) OK
L_JSR_($9C24)_($9BEB) OK
//-----
$9C24 B5 C0  LDA $C0,X
$9C26 C9 3F  CMP #$3F
$9C28 D0 0C  BNE L_BRS_($9C36)_($9C28) OK
$9C2A B5 C1  LDA $C1,X
$9C2C C9 0E  CMP #$0E
$9C2E D0 06  BNE L_BRS_($9C36)_($9C2E) OK
$9C30 A9 08  LDA #$08
$9C32 9D 21 9C STA $9C21,X
$9C35 60    RTS
//-----
L_BRS_($9C36)_($9C28) OK
L_BRS_($9C36)_($9C2E) OK
//-----
$9C36 AD AE 99 LDA $99AE
$9C39 9D 21 9C STA $9C21,X
$9C3C 60    RTS
//-----
L_JSR_($9C3D)_($9BF3) OK
L_JSR_($9C3D)_($9BF8) OK
//-----
$9C3D B5 C0  LDA $C0,X
$9C3F C9 3F  CMP #$3F

```

\$9C41 D0 0C BNE L_BRS_(\$9C4F)_(\$9C41) OK

\$9C43 B5 C1 LDA \$C1,X

\$9C45 C9 0C CMP #\$0C

\$9C47 D0 06 BNE L_BRS_(\$9C4F)_(\$9C47) OK

\$9C49 A9 08 LDA #\$08

\$9C4B 9D 21 9C STA \$9C21,X

\$9C4E 60 RTS

//-----

L_BRS_(\$9C4F)_(\$9C41) OK

L_BRS_(\$9C4F)_(\$9C47) OK

//-----

\$9C4F B5 C0 LDA \$C0,X

\$9C51 C9 FF CMP #\$FF

\$9C53 D0 0C BNE L_BRS_(\$9C61)_(\$9C53) OK

\$9C55 B5 C1 LDA \$C1,X

\$9C57 C9 0F CMP #\$0F

\$9C59 D0 06 BNE L_BRS_(\$9C61)_(\$9C59) OK

\$9C5B A9 04 LDA #\$04

\$9C5D 9D 21 9C STA \$9C21,X

\$9C60 60 RTS

//-----

L_BRS_(\$9C61)_(\$9C53) OK

L_BRS_(\$9C61)_(\$9C59) OK

//-----

\$9C61 AD AE 99 LDA \$99AE

\$9C64 9D 21 9C STA \$9C21,X

\$9C67 60 RTS

//-----

L_JSR_(\$9C68)_(\$9A1D) OK

L_JSR_(\$9C68)_(\$9A3C) OK

//-----

\$9C68 A9 00 LDA #\$00

\$9C6A A2 EA LDX #\$EA

\$9C6C 20 03 E0 JSR \$E003

\$9C6F A9 01 LDA #\$01

\$9C71 8D 52 82 STA \$8252

\$9C74 8D 9E E6 STA \$E69E

//-----

L_BRS_(\$9C77)_(\$9C80) OK

//-----

\$9C77 20 FD 81 JSR L_JSR_(\$81FD)_(\$9C77) OK

\$9C7A 20 00 E0 JSR \$E000

\$9C7D AD 9E E6 LDA \$E69E

\$9C80 D0 F5 BNE L_BRS_(\$9C77)_(\$9C80) OK

\$9C82 60 RTS

//-----

L_JSR_(\$9C83)_(\$804A) OK

//-----

\$9C83 AD FD CF LDA \$CFFD

\$9C86 F0 01 BEQ L_BRS_(\$9C89)_(\$9C86) OK

\$9C88 60 RTS

//-----

L_BRS_(\$9C89)_(\$9C86) OK

//-----

\$9C89 EE FD CF INC \$CFFD

\$9C8C A2 00 LDX #\$00

\$9C8E 20 A7 9C JSR L_JSR_(\$9CA7)_(\$9C8E) OK

\$9C91 A2 01 LDX #\$01

```

$9C93 20 A7 9C JSR L_JSR_($9CA7)_($9C93) OK
$9C96 20 3D 9D JSR L_JSR_($9D3D)_($9C96) OK
$9C99 A2 00 LDX #$00
$9C9B 20 D6 9C JSR L_JSR_($9CD6)_($9C9B) OK
$9C9E A2 01 LDX #$01
$9CA0 20 D6 9C JSR L_JSR_($9CD6)_($9CA0) OK
$9CA3 20 01 9D JSR L_JSR_($9D01)_($9CA3) OK
$9CA6 60 RTS
//-----
L_JSR_($9CA7)_($9C8E) OK
L_JSR_($9CA7)_($9C93) OK
//-----
$9CA7 BD FE CF LDA $CFFE,X
$9CAA 9D 1C 91 STA $911C,X
$9CAD A8 TAY
$9CAE B9 D0 9C LDA $9CD0,Y
$9CB1 85 FC STA $FC
$9CB3 BD D4 9C LDA $9CD4,X
$9CB6 85 F8 STA $F8
$9CB8 A9 00 LDA #$00
$9CBA 85 F7 STA $F7
$9CBC 85 FB STA $FB
$9CBE A8 TAY
$9CBF A2 01 LDX #$01
//-----
L_BRS_($9CC1)_($9CC6) OK
L_BRS_($9CC1)_($9CCD) OK
//-----
$9CC1 B1 FB LDA ($FB),Y

```

```

$9CC3 91 F7 STA ($F7),Y
$9CC5 C8 INY
$9CC6 D0 F9 BNE L_BRS_($9CC1)_($9CC6) OK
$9CC8 E6 F8 INC $F8
$9CCA E6 FC INC $FC
$9CCC CA DEX
$9CCD 10 F2 BPL L_BRS_($9CC1)_($9CCD) OK
$9CCF 60 RTS
//-----
$9CD0 70 72 BVS L_BRS_($9D44)_($9CD0) BAD
$9CD2 .byte $74
$9CD3 76 18 ROR $18,X
$9CD5 .byte $1A
//-----
L_JSR_($9CD6)_($9C9B) OK
L_JSR_($9CD6)_($9CA0) OK
//-----
$9CD6 BC 1C 91 LDY $911C,X
$9CD9 B9 FB 9C LDA $9CFB,Y
$9CDC 85 FC STA $FC
$9CDE BD FF 9C LDA $9CFF,X
$9CE1 85 F8 STA $F8
$9CE3 A9 00 LDA #$00
$9CE5 85 F7 STA $F7
$9CE7 85 FB STA $FB
$9CE9 A8 TAY
$9CEA A2 07 LDX #$07
//-----
L_BRS_($9CEC)_($9CF1) OK

```

```

L_BRS_($9CEC)_($9CF8) OK
//-----
$9CEC B1 FB LDA ($FB),Y
$9CEE 91 F7 STA ($F7),Y
$9CF0 C8 INY
$9CF1 D0 F9 BNE L_BRS_($9CEC)_($9CF1) OK
$9CF3 E6 F8 INC $F8
$9CF5 E6 FC INC $FC
$9CF7 CA DEX
$9CF8 10 F2 BPL L_BRS_($9CEC)_($9CF8) OK
$9CFA 60 RTS
//-----
$9CFB 20 28 30 JSR L_JSR_($3028)_($9CFB) JAM
$9CFE 38 SEC
$9CFF 70 78 BVS L_BRS_($9D79)_($9CFF) BAD
//-----
L_JSR_($9D01)_($9CA3) OK
//-----
$9D01 A0 00 LDY #$00
//-----
L_BRS_($9D03)_($9D1C) OK
//-----
$9D03 B9 00 76 LDA $7600,Y
$9D06 99 00 1C STA $1C00,Y
$9D09 B9 00 77 LDA $7700,Y
$9D0C 99 00 1D STA $1D00,Y
$9D0F B9 00 7E LDA $7E00,Y
$9D12 99 00 1E STA $1E00,Y
$9D15 B9 00 7F LDA $7F00,Y

```

```
$9D18 99 00 1F STA $1F00,Y
$9D1B C8    INY
$9D1C D0 E5  BNE L_BRS_($9D03)_($9D1C) OK
$9D1E 60    RTS
//-----
L_JSR_($9D1F)_($80D9) OK
//-----
$9D1F A0 00  LDY #$00
//-----
L_BRS_($9D21)_($9D3A) OK
//-----
$9D21 B9 00 18 LDA $1800,Y
$9D24 99 00 76 STA $7600,Y
$9D27 B9 00 19 LDA $1900,Y
$9D2A 99 00 77 STA $7700,Y
//-----
L_JMP_($9D2F)_($10FE) BAD
L_JMP_($9D2F)_($1107) BAD
//-----
$9D2D B9 00 1A LDA $1A00,Y
$9D30 99 00 7E STA $7E00,Y
$9D33 B9 00 1B LDA $1B00,Y
$9D36 99 00 7F STA $7F00,Y
$9D39 C8    INY
$9D3A D0 E5  BNE L_BRS_($9D21)_($9D3A) OK
$9D3C 60    RTS
//-----
L_JSR_($9D3D)_($9C96) OK
//-----
```



```
$9D3D A0 00 LDY #$00
//-----
L_BRS_($9D3F)_($9D4C) OK
//-----
$9D3F B9 00 74 LDA $7400,Y
//-----
L_BRS_($9D44)_($9CD0) BAD
//-----
$9D42 99 00 6E STA $6E00,Y
$9D45 B9 00 75 LDA $7500,Y
$9D48 99 00 6F STA $6F00,Y
$9D4B C8 INY
$9D4C D0 F1 BNE L_BRS_($9D3F)_($9D4C) OK
$9D4E 60 RTS
//-----
L_JSR_($9D4F)_($9A29) OK
//-----
$9D4F AC AE 99 LDY $99AE
$9D52 88 DEY
$9D53 98 TYA
$9D54 20 6B B1 JSR $B16B
$9D57 29 0F AND #$0F
$9D59 18 CLC
$9D5A 69 A2 ADC #$A2
$9D5C 8D 58 91 STA $9158
$9D5F 98 TYA
$9D60 29 0F AND #$0F
$9D62 18 CLC
$9D63 69 A2 ADC #$A2
```

\$9D65 8D 57 91 STA \$9157
\$9D68 8A TXA
\$9D69 29 0F AND #\$0F
\$9D6B 18 CLC
\$9D6C 69 A2 ADC #\$A2
\$9D6E 8D 56 91 STA \$9156
\$9D71 A9 D0 LDA #\$D0
\$9D73 8D 3E 91 STA \$913E
\$9D76 A9 E4 LDA #\$E4
//-----
L_BRS_(\$9D79)_(\$9CFF) BAD
//-----
\$9D78 8D 3F 91 STA \$913F
\$9D7B A9 F8 LDA #\$F8
\$9D7D 8D 40 91 STA \$9140
\$9D80 A9 6E LDA #\$6E
\$9D82 8D 44 91 STA \$9144
\$9D85 8D 45 91 STA \$9145
\$9D88 8D 46 91 STA \$9146
\$9D8B A9 1C LDA #\$1C
\$9D8D 8D 11 91 STA \$9111
\$9D90 8D 15 D0 STA \$D015
\$9D93 AE 1C 91 LDX \$911C
\$9D96 BD 18 91 LDA \$9118,X
\$9D99 8D 9B AB STA \$AB9B
\$9D9C 8D 9C AB STA \$AB9C
\$9D9F 8D 9D AB STA \$AB9D
\$9DA2 09 08 ORA #\$08
\$9DA4 8D 47 9B STA \$9B47

```

$9DA7 8D 5C 9B STA $9B5C
$9DAA 60    RTS
//-----
$9DAB      .byte $00
$9DAC A9 01  LDA #$01
$9DAE 2C A9 02 BIT $02A9
$9DB1 2C A9 04 BIT $04A9
$9DB4 2C A9 08 BIT $08A9
$9DB7 2C A9 10 BIT $10A9
$9DBA 2C A9 20 BIT $20A9
$9DBD 8D 64 82 STA $8264
$9DC0 3D 34 9F AND $9F34,X
$9DC3 D0 10   BNE L_BRS_($9DD5)_($9DC3) OK
$9DC5 AD 64 82 LDA $8264
$9DC8 1D 34 9F ORA $9F34,X
$9DCB 9D 34 9F STA $9F34,X
$9DCE 20 E5 9D JSR L_JSR_($9DE5)_($9DCE) OK
$9DD1 20 37 9F JSR L_JSR_($9F37)_($9DD1) OK
$9DD4 60    RTS
//-----
L_BRS_($9DD5)_($9DC3) OK
//-----
$9DD5 BD 42 B7 LDA $B742,X
$9DD8 18    CLC
$9DD9 7D 44 B7 ADC $B744,X
$9DDC DD 46 B7 CMP $B746,X
$9DDF B0 03   BCS L_BRS_($9DE4)_($9DDF) OK
$9DE1 4C 94 B9 JMP $B994
//-----

```

L_BRS_(\$9DE4)_(\$9DDF) OK

//-----

\$9DE4 60 RTS

//-----

L_JSR_(\$9DE5)_(\$9DCE) OK

//-----

\$9DE5 BC 1C 91 LDY \$911C,X

\$9DE8 A9 00 LDA #\$00

\$9DEA 8D 36 9F STA \$9F36

\$9DED AD 64 82 LDA \$8264

\$9DF0 29 01 AND #\$01

\$9DF2 F0 32 BEQ L_BRS_(\$9E26)_(\$9DF2) OK

\$9DF4 B9 EC 9E LDA \$9EEC,Y

\$9DF7 9D 1E 9F STA \$9F1E,X

\$9DFA B9 F0 9E LDA \$9EF0,Y

\$9DFD 9D 2A 9F STA \$9F2A,X

\$9E00 B9 F4 9E LDA \$9EF4,Y

\$9E03 9D 22 9F STA \$9F22,X

\$9E06 B9 F8 9E LDA \$9EF8,Y

\$9E09 9D 2E 9F STA \$9F2E,X

\$9E0C B9 FC 9E LDA \$9EFC,Y

\$9E0F 9D 26 9F STA \$9F26,X

\$9E12 B9 00 9F LDA \$9F00,Y

\$9E15 9D 32 9F STA \$9F32,X

\$9E18 A9 08 LDA #\$08

\$9E1A BC 36 83 LDY \$8336,X

\$9E1D 99 24 43 STA \$4324,Y

\$9E20 A9 07 LDA #\$07

\$9E22 99 24 DB STA \$DB24,Y

```
$9E25 60    RTS
//-----
L_BRS_($9E26)_($9DF2) OK
//-----
$9E26 EE 36 9F INC $9F36
$9E29 AD 64 82 LDA $8264
$9E2C 29 02  AND #$02
$9E2E F0 13  BEQ L_BRS_($9E43)_($9E2E) OK
$9E30 A9 0F  LDA #$0F
$9E32 9D 46 B7 STA $B746,X
$9E35 A9 07  LDA #$07
$9E37 BC 36 83 LDY $8336,X
$9E3A 99 25 43 STA $4325,Y
$9E3D A9 04  LDA #$04
$9E3F 99 25 DB STA $DB25,Y
$9E42 60    RTS
//-----
L_BRS_($9E43)_($9E2E) OK
//-----
$9E43 EE 36 9F INC $9F36
$9E46 AD 64 82 LDA $8264
$9E49 29 04  AND #$04
$9E4B F0 1A  BEQ L_BRS_($9E67)_($9E4B) OK
$9E4D B9 D3 A0 LDA $A0D3,Y
$9E50 9D E5 A0 STA $A0E5,X
$9E53 B9 CF A0 LDA $A0CF,Y
$9E56 9D E1 A0 STA $A0E1,X
$9E59 A9 0A  LDA #$0A
$9E5B BC 36 83 LDY $8336,X
```

```
$9E5E 99 26 43 STA $4326,Y
$9E61 A9 05 LDA #$05
$9E63 99 26 DB STA $DB26,Y
$9E66 60 RTS
//-----
L_BRS_($9E67)_($9E4B) OK
//-----
$9E67 EE 36 9F INC $9F36
$9E6A AD 64 82 LDA $8264
$9E6D 29 08 AND #$08
$9E6F F0 1A BEQ L_BRS_($9E8B)_($9E6F) OK
$9E71 B9 CC 9E LDA $9ECC,Y
$9E74 9D 8C AD STA $AD8C,X
$9E77 B9 D0 9E LDA $9ED0,Y
$9E7A 9D 9F AD STA $AD9F,X
$9E7D A9 09 LDA #$09
$9E7F BC 36 83 LDY $8336,X
$9E82 99 31 43 STA $4331,Y
$9E85 A9 07 LDA #$07
$9E87 99 31 DB STA $DB31,Y
$9E8A 60 RTS
//-----
L_BRS_($9E8B)_($9E6F) OK
//-----
$9E8B EE 36 9F INC $9F36
$9E8E AD 64 82 LDA $8264
$9E91 29 10 AND #$10
$9E93 F0 13 BEQ L_BRS_($9EA8)_($9E93) OK
$9E95 A9 08 LDA #$08
```

```
$9E97 9D A3 AD STA $ADA3,X
$9E9A A9 06 LDA #06
$9E9C BC 36 83 LDY $8336,X
$9E9F 99 32 43 STA $4332,Y
$9EA2 A9 01 LDA #01
$9EA4 99 32 DB STA $DB32,Y
$9EA7 60 RTS
//-----
L_BRS_($9EA8)_($9E93) OK
//-----
$9EA8 EE 36 9F INC $9F36
$9EAB AD 64 82 LDA $8264
$9EAE 29 20 AND #20
$9EB0 F0 19 BEQ L_BRS_($9ECB)_($9EB0) OK
$9EB2 B9 D4 9E LDA $9ED4,Y
$9EB5 9D A7 AD STA $ADA7,X
$9EB8 B9 D8 9E LDA $9ED8,Y
$9EBB 9D AB AD STA $ADAB,X
$9EBE A9 05 LDA #05
$9EC0 BC 36 83 LDY $8336,X
$9EC3 99 33 43 STA $4333,Y
$9EC6 A9 03 LDA #03
$9EC8 99 33 DB STA $DB33,Y
//-----
L_BRS_($9ECB)_($9EB0) OK
//-----
$9ECB 60 RTS
//-----
$9ECC .byte $03,$02,$03,$02
```

```
$9ED0 C0 80  CPY # $80
$9ED2 C0 80  CPY # $80
$9ED4      .byte $03,$02
$9ED6 01 01  ORA ($01,X)
$9ED8 C0 80  CPY # $80
$9EDA 40    RTI
//-----
$9EDB 40    RTI
//-----
$9EDC      .byte $02
$9EDD 01 02  ORA ($02,X)
$9EDF 01 80  ORA ($80,X)
$9EE1 40    RTI
//-----
$9EE2      .byte $80
$9EE3 40    RTI
//-----
$9EE4      .byte $02
$9EE5 01 00  ORA ($00,X)
$9EE7      .byte $00,$80,$80
$9EEA 40    RTI
//-----
$9EEB 40    RTI
//-----
$9EEC      .byte $03,$02,$04,$04,$07
$9EF1 06 09  ASL $09
$9EF3 08    PHP
$9EF4 06 04  ASL $04
$9EF6 08    PHP
```



```
$9EF7 08    PHP
$9EF8      .byte $14,$12
$9EFA 18    CLC
$9EFB 16 09 ASL $09,X
$9EFD 06 12 ASL $12
$9EFF      .byte $12
$9F00 21 18 AND ($18,X)
$9F02      .byte $27
$9F03 24 04 BIT $04
$9F05      .byte $03
$9F06 05 05 ORA $05
$9F08 08    PHP
$9F09 06 10 ASL $10
$9F0B 09 08 ORA # $08
$9F0D 06 10 ASL $10
$9F0F 09 16 ORA # $16
$9F11      .byte $12
$9F12 20 18 12 JSR L_JSR_($1218)_($9F12) JAM
$9F15 09 15 ORA # $15
$9F17 15 24 ORA $24,X
$9F19 18    CLC
$9F1A 30 27 BMI L_BRS_($9F43)_($9F1A) BAD
$9F1C 05 05 ORA $05
$9F1E      .byte $04
$9F1F 05 08 ORA $08
$9F21 05 05 ORA $05
$9F23 05 05 ORA $05
$9F25 05 12 ORA $12
$9F27 05 10 ORA $10
```

```

$9F29 10 08 BPL L_BRS_($9F33)_($9F29) OK
$9F2B 10 10 BPL L_BRS_($9F3D)_($9F2B) BAD
$9F2D 10 16 BPL L_BRS_($9F45)_($9F2D) OK
$9F2F 10 10 BPL L_BRS_($9F41)_($9F2F) BAD
$9F31 10 24 BPL L_BRS_($9F57)_($9F31) BAD
//-----
L_BRS_($9F33)_($9F29) OK
//-----
$9F33 10 00 BPL L_BRS_($9F35)_($9F33) JAM
//-----
L_BRS_($9F35)_($9F33) JAM
//-----
$9F35 .byte $00,$00
//-----
L_JSR_($9F37)_($9DD1) OK
//-----
$9F37 AD 36 9F LDA $9F36
$9F3A 0A ASL A
$9F3B A8 TAY
//-----
L_BRS_($9F3D)_($9F2B) BAD
//-----
$9F3C B9 72 9F LDA $9F72,Y
//-----
L_BRS_($9F41)_($9F2F) BAD
//-----
$9F3F 8D 64 9F STA $9F64
//-----
L_BRS_($9F43)_($9F1A) BAD

```

```

//-----
$9F42 B9 73 9F LDA $9F73,Y
//-----
L_BRS_($9F45)_($9F2D) OK
//-----
$9F45 8D 65 9F STA $9F65
$9F48 20 51 B0 JSR $B051
$9F4B A2 00 LDX #$00
$9F4D 20 D2 B0 JSR $B0D2
$9F50 AE 0D 91 LDX $910D
$9F53 20 2F B2 JSR $B22F
//-----
L_BRS_($9F57)_($9F31) BAD
//-----
$9F56 20 4F B1 JSR $B14F
$9F59 20 E7 B0 JSR $B0E7
$9F5C EE 9F 20 INC $209F
$9F5F .byte $4F
$9F60 B1 20 LDA ($20),Y
$9F62 .byte $E7
$9F63 B0 00 BCS L_BRS_($9F65)_($9F63) JAM
//-----
L_BRS_($9F65)_($9F63) JAM
//-----
$9F65 .byte $00
$9F66 A9 10 LDA #$10
$9F68 20 BA CE JSR L_JSR_($CEBA)_($9F68) OK
$9F6B 20 24 B0 JSR $B024
$9F6E 20 B4 8E JSR L_JSR_($8EB4)_($9F6E) OK

```

```
$9F71 60    RTS
//-----
$9F72 7E 9F 8C ROR $8C9F,X
$9F75      .byte $9F
$9F76 A4 9F   LDY $9F
$9F78      .byte $B7,$9F
$9F7A C9 9F   CMP #9F
$9F7C      .byte $DB,$9F,$0C
$9F7F 01 45   ORA ($45,X)
$9F81 58     CLI
$9F82      .byte $54,$52
$9F84 41 20   EOR ($20,X)
$9F86 41 52   EOR ($52,X)
$9F88 4D 4F 55 EOR $554F
$9F8B      .byte $52
$9F8C 16 01   ASL $01,X
$9F8E 45 58   EOR $58
$9F90      .byte $54,$52
$9F92 41 20   EOR ($20,X)
$9F94      .byte $43
$9F95 41 52   EOR ($52,X)
$9F97      .byte $52
$9F98 59 49 4E EOR $4E49,Y
$9F9B      .byte $47
$9F9C 20 41 42 JSR L_JSR_($4241)_($9F9C) JAM
$9F9F 49 4C   EOR #$4C
$9FA1 49 54   EOR #$54
$9FA3 59 11 01 EOR $0111,Y
$9FA6 45 58   EOR $58
```

```
$9FA8      .byte $54,$52
$9FAA 41 20  EOR ($20,X)
$9FAC 4D 41 47  EOR $4741
$9FAF 49 43  EOR #43
$9FB1 20 50 4F  JSR L_JSR_($4F50)_($9FB1) JAM
$9FB4      .byte $57
$9FB5 45 52  EOR $52
$9FB7 10 01  BPL L_BRS_($9FBA)_($9FB7) BAD
//-----
L_BRS_($9FBA)_($9FB7) BAD
//-----
$9FB9 45 58  EOR $58
$9FBB      .byte $54,$52
$9FBD 41 20  EOR ($20,X)
$9FBF      .byte $53
$9FC0 48    PHA
$9FC1      .byte $4F,$54
$9FC3 20 50 4F  JSR L_JSR_($4F50)_($9FC3) JAM
$9FC6      .byte $57
$9FC7 45 52  EOR $52
$9FC9 10 01  BPL L_BRS_($9FCC)_($9FC9) BAD
//-----
L_BRS_($9FCC)_($9FC9) BAD
//-----
$9FCB 45 58  EOR $58
$9FCD      .byte $54,$52
$9FCF 41 20  EOR ($20,X)
$9FD1      .byte $53
$9FD2 48    PHA
```

```
$9FD3    .byte $4F,$54
$9FD5 20 53 50 JSR L_JSR_($5053)_($9FD5) JAM
$9FD8 45 45  EOR $45
$9FDA    .byte $44
$9FDB 11 01  ORA ($01),Y
$9FDD 45 58  EOR $58
$9FDF    .byte $54,$52
$9FE1 41 20  EOR ($20,X)
$9FE3 46 49  LSR $49
$9FE5    .byte $47
$9FE6 48    PHA
$9FE7    .byte $54
$9FE8 20 50 4F JSR L_JSR_($4F50)_($9FE8) JAM
$9FEB    .byte $57
$9FEC 45 52  EOR $52
$9FEE    .byte $07
$9FEF 01 4E  ORA ($4E,X)
$9FF1    .byte $4F,$57
$9FF3 20 48 41 JSR L_JSR_($4148)_($9FF3) JAM
$9FF6    .byte $53
$9FF7 BD 34 9F LDA $9F34,X
$9FFA F0 03  BEQ L_BRS_($9FFF)_($9FFA) OK
$9FFC 4C 0B A0 JMP $A00B
```