

Indiana Jones and the Last Crusade



```
$0F06 78 SEI
$0F07 .byte $F8,$04
$0F09 84 44 STY $44
$0F0B C4 24 CPY $24
$0F0D A4 64 LDY $64
$0F0F E4 14 CPX $14
$0F11 94 54 STY $54,X
$0F13 .byte $D4,$34
$0F15 B4 74 LDY $74,X
$0F17 .byte $F4,$0C
$0F19 8C 4C CC STY $CC4C
$0F1C 2C AC 6C BIT $6CAC
$0F1F EC 1C 9C CPX $9C1C
$0F22 .byte $5C,$DC,$3C
//-----
```

L_BRS_(\$0F25)_(\$0EF3) OK

//-----

\$0F25 BC 7C FC LDY \$FC7C,X

\$0F28 .byte \$02,\$82,\$42,\$C2,\$22

\$0F2D A2 62 LDX # \$62

\$0F2F .byte \$E2,\$12,\$92,\$52,\$D2,\$32,\$B2,\$72

\$0F37 .byte \$F2

\$0F38 0A ASL A

\$0F39 8A TXA

\$0F3A 4A LSR A

\$0F3B CA DEX

\$0F3C 2A ROL A

\$0F3D AA TAX

\$0F3E 6A ROR A

\$0F3F EA NOP

\$0F40 .byte \$1A

\$0F41 9A TXS

//-----

L_BRS_(\$0F43)_(\$0EF1) JAM

//-----

\$0F42 .byte \$5A,\$DA,\$3A

\$0F45 BA TSX

\$0F46 .byte \$7A,\$FA

\$0F48 06 86 ASL \$86

\$0F4A 46 C6 LSR \$C6

\$0F4C 26 A6 ROL \$A6

\$0F4E 66 E6 ROR \$E6

\$0F50 16 96 ASL \$96,X

\$0F52 56 D6 LSR \$D6,X

```
$0F54 36 B6 ROL $B6,X
$0F56 76 F6 ROR $F6,X
$0F58 0E 8E 4E ASL $4E8E
$0F5B CE 2E AE DEC $AE2E
$0F5E 6E EE 1E ROR $1EEE
$0F61 .byte $9E
$0F62 5E DE 3E LSR $3EDE,X
//-----
L_BRS_($0F67)_($0EF5) BAD
//-----
$0F65 BE 7E FE LDX $FE7E,Y
$0F68 01 81 ORA ($81,X)
$0F6A 41 C1 EOR ($C1,X)
$0F6C 21 A1 AND ($A1,X)
$0F6E 61 E1 ADC ($E1,X)
$0F70 11 91 ORA ($91),Y
$0F72 51 D1 EOR ($D1),Y
$0F74 31 B1 AND ($B1),Y
$0F76 71 F1 ADC ($F1),Y
$0F78 09 89 ORA #$89
$0F7A 49 C9 EOR #$C9
$0F7C 29 A9 AND #$A9
$0F7E 69 E9 ADC #$E9
$0F80 19 99 59 ORA $5999,Y
$0F83 D9 39 B9 CMP $B939,Y
$0F86 79 F9 05 ADC $05F9,Y
$0F89 85 45 STA $45
$0F8B C5 25 CMP $25
$0F8D A5 65 LDA $65
```

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$0F8F E5 15  SBC $15
$0F91 95 55  STA $55,X
$0F93 D5 35  CMP $35,X
$0F95 B5 75  LDA $75,X
$0F97 F5 0D  SBC $0D,X
$0F99 8D 4D CD STA $CD4D
$0F9C 2D AD 6D AND $6DAD
$0F9F ED 1D 9D SBC $9D1D
$0FA2 5D DD 3D EOR $3DDD,X
$0FA5 BD 7D FD LDA $FD7D,X
$0FA8      .byte $03,$83,$43,$C3,$23,$A3,$63,$E3
$0FB0      .byte $13,$93,$53,$D3,$33,$B3,$73,$F3
$0FB8      .byte $0B,$8B,$4B,$CB,$2B,$AB,$6B,$EB
$0FC0      .byte $1B,$9B,$5B,$DB,$3B,$BB,$7B,$FB
$0FC8      .byte $07,$87,$47,$C7,$27,$A7,$67,$E7
$0FD0      .byte $17,$97,$57,$D7,$37,$B7,$77,$F7
$0FD8      .byte $0F,$8F,$4F,$CF,$2F,$AF,$6F,$EF
$0FE0      .byte $1F,$9F,$5F,$DF,$3F,$BF,$7F,$FF
$0FE8 2E 55 0E ROL $0E55
$0FEB 55 2E  EOR $2E,X
$0FED      .byte $17
$0FEE 2E 45 00 ROL $0045
$0FF1      .byte $00,$44,$00,$00,$00
$0FF6 A2 00  LDX # $00
$0FF8 20 21 22 JSR L_JSR_($2221)_($0FF8) OK
$0FFB      .byte $23
$0FFC 24 25  BIT $25
$0FFE 26 27  ROL $27
//-----

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```
L_JSR_($1000)_($1394) OK
L_JSR_($1000)_($9832) OK
//-----
$1000 4C 78 1C JMP L_JMP_($1C78)_($1000) BAD
//-----
L_JSR_($1003)_($8202) OK
L_JSR_($1003)_($8688) OK
L_JSR_($1003)_($8A98) OK
L_JSR_($1003)_($8D22) OK
L_JSR_($1003)_($8F9B) OK
L_JSR_($1003)_($911E) OK
L_JSR_($1003)_($91EA) OK
//-----
$1003 4C C1 20 JMP L_JMP_($20C1)_($1003) OK
//-----
L_JSR_($1006)_($1076) OK
L_JSR_($1006)_($9937) OK
//-----
$1006 4C 5C 1D JMP L_JMP_($1D5C)_($1006) OK
//-----
L_JSR_($1009)_($817D) OK
L_JSR_($1009)_($9964) OK
//-----
$1009 2C 05 13 BIT $1305
$100C 30 37 BMI L_BRS_($1045)_($100C) OK
$100E 70 0E BVS L_BRS_($101E)_($100E) OK
$1010 A9 00 LDA #$00
$1012 8D 04 D4 STA $D404
$1015 8D 0B D4 STA $D40B
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```
$1018 8D 12 D4 STA $D412
$101B 4C EE 12 JMP L_JMP_($12EE)_($101B) OK
//-----
L_BRS_($101E)_($100E) OK
//-----
$101E 4C 6D 20 JMP L_JMP_($206D)_($101E) OK
$1021 4D 55 53 EOR $5355
$1024 49 43 EOR #$43
$1026 20 41 4E JSR L_JSR_($4E41)_($1026) OK
$1029 .byte $44
$102A 20 43 4F JSR L_JSR_($4F43)_($102A) JAM
$102D .byte $44
$102E 45 20 EOR $20
$1030 28 PLP
$1031 .byte $43
$1032 29 20 AND #$20
$1034 4D 41 52 EOR $5241
$1037 .byte $4B
$1038 20 74 41 JSR L_JSR_($4174)_($1038) BAD
$103B 49 74 EOR #$74
$103D 2E 20 4C ROL $4C20
$1040 .byte $74
$1041 48 PHA
$1042 4D 52 2E EOR $2E52
//-----
L_BRS_($1045)_($100C) OK
//-----
$1045 CE 6A 13 DEC $136A
$1048 F0 06 BEQ L_BRS_($1050)_($1048) OK
```

\$104A 4C 76 11 JMP L_JMP_(\$1176)_(\$104A) OK

//-----

L_BRS_(\$104D)_(\$105B) OK

//-----

\$104D 4C 6E 11 JMP L_JMP_(\$116E)_(\$104D) OK

//-----

L_BRS_(\$1050)_(\$1048) OK

//-----

\$1050 AD 0A 13 LDA \$130A

\$1053 8D 6A 13 STA \$136A

\$1056 A2 00 LDX #\$00

//-----

L_JMP_(\$1058)_(\$1173) OK

//-----

\$1058 DE 67 13 DEC \$1367,X

\$105B D0 F0 BNE L_BRS_(\$104D)_(\$105B) OK

\$105D A0 00 LDY #\$00

\$105F BD 13 13 LDA \$1313,X

\$1062 85 A7 STA \$A7

\$1064 BD 16 13 LDA \$1316,X

\$1067 85 A8 STA \$A8

\$1069 8E A0 10 STX \$10A0

//-----

L_JMP_(\$106C)_(\$15CE) OK

L_JMP_(\$106C)_(\$15DF) OK

L_JMP_(\$106C)_(\$15EA) OK

L_JMP_(\$106C)_(\$15F5) OK

L_JMP_(\$106C)_(\$1600) OK

L_JMP_(\$106C)_(\$160B) OK

```
L_JMP_($106C)_($1616) OK
L_JMP_($106C)_($1621) OK
L_JMP_($106C)_($163D) OK
L_JMP_($106C)_($164B) OK
L_JMP_($106C)_($1674) OK
L_JMP_($106C)_($167F) OK
L_JMP_($106C)_($1695) OK
L_JMP_($106C)_($16AA) OK
L_JMP_($106C)_($16BC) OK
L_JMP_($106C)_($16EE) OK
L_JMP_($106C)_($1700) OK
L_JMP_($106C)_($1712) OK
L_JMP_($106C)_($171D) OK
L_JMP_($106C)_($1728) OK
L_JMP_($106C)_($1742) OK
L_JMP_($106C)_($174D) OK
L_JMP_($106C)_($1758) OK
L_JMP_($106C)_($1763) OK
//-----
$106C A0 00 LDY #$00
$106E B1 A7 LDA ($A7),Y
$1070 10 37 BPL L_BRS_($10A9)_($1070) OK
$1072 C9 FE CMP #$FE
$1074 D0 06 BNE L_BRS_($107C)_($1074) OK
$1076 20 06 10 JSR L_JSR_($1006)_($1076) OK
$1079 4C EE 12 JMP L_JMP_($12EE)_($1079) OK
//-----
L_BRS_($107C)_($1074) OK
//-----
```



```
$107C C9 FF  CMP #$FF
$107E D0 09  BNE L_BRS_($1089)_($107E) OK
$1080 AD 09 13 LDA $1309
$1083 20 78 1C JSR L_JSR_($1C78)_($1083) BAD
$1086 4C EE 12 JMP L_JMP_($12EE)_($1086) OK
//-----
L_BRS_($1089)_($107E) OK
//-----
$1089 29 7F  AND #$7F
$108B 0A    ASL A
$108C A8    TAY
$108D B9 66 17 LDA $1766,Y
$1090 8D 9E 10 STA $109E
$1093 B9 67 17 LDA $1767,Y
$1096 8D 9F 10 STA $109F
$1099 A0 00  LDY #$00
$109B 6C 9E 10 JMP ($109E)
$109E    .byte $BF
$109F 16 01  ASL $01,X
$10A1    .byte $00
$10A2 AE A0 10 LDX $10A0
$10A5 A0 00  LDY #$00
$10A7 B1 A7  LDA ($A7),Y
//-----
L_BRS_($10A9)_($1070) OK
//-----
$10A9 AE A0 10 LDX $10A0
$10AC 18    CLC
$10AD 7D C7 13 ADC $13C7,X
```

```
$10B0 9D 37 13 STA $1337,X
$10B3 9D 6D 13 STA $136D,X
$10B6 20 EF 12 JSR L_JSR_($12EF)_($10B6) OK
$10B9 20 A5 15 JSR L_JSR_($15A5)_($10B9) OK
$10BC A0 00 LDY #$00
$10BE B1 A7 LDA ($A7),Y
$10C0 48 PHA
$10C1 8E A0 10 STX $10A0
$10C4 AE 09 13 LDX $1309
$10C7 BD 0F 13 LDA $130F,X
$10CA F0 11 BEQ L_BRS_($10DD)_($10CA) OK
$10CC AE A0 10 LDX $10A0
$10CF 68 PLA
$10D0 4A LSR A
$10D1 8D D9 13 STA $13D9
$10D4 6D D9 13 ADC $13D9
$10D7 6D D9 13 ADC $13D9
$10DA 4C E1 10 JMP L_JMP_($10E1)_($10DA) OK
//-----
L_BRS_($10DD)_($10CA) OK
//-----
$10DD AE A0 10 LDX $10A0
$10E0 68 PLA
//-----
L_JMP_($10E1)_($10DA) OK
//-----
$10E1 9D 67 13 STA $1367,X
$10E4 20 A5 15 JSR L_JSR_($15A5)_($10E4) OK
$10E7 A5 A7 LDA $A7
```

```
$10E9 9D 13 13 STA $1313,X
$10EC A5 A8 LDA $A8
$10EE 9D 16 13 STA $1316,X
$10F1 BD AE 11 LDA $11AE,X
$10F4 D0 05 BNE L_BRS_($10FB)_($10F4) OK
$10F6 BD 37 13 LDA $1337,X
$10F9 F0 73 BEQ L_BRS_($116E)_($10F9) OK
//-----
L_BRS_($10FB)_($10F4) OK
//-----
$10FB BC 06 13 LDY $1306,X
$10FE BD A9 13 LDA $13A9,X
$1101 D0 6B BNE L_BRS_($116E)_($1101) OK
$1103 BD 64 13 LDA $1364,X
$1106 29 FE AND #$FE
$1108 99 04 D4 STA $D404,Y
$110B 49 01 EOR #$01
$110D 99 04 D4 STA $D404,Y
$1110 BD 2E 13 LDA $132E,X
$1113 99 00 D4 STA $D400,Y
$1116 BD 31 13 LDA $1331,X
$1119 99 01 D4 STA $D401,Y
$111C BD 8D 13 LDA $138D,X
$111F 9D 8A 13 STA $138A,X
$1122 BD 93 13 LDA $1393,X
$1125 9D AC 13 STA $13AC,X
$1128 BD 90 13 LDA $1390,X
$112B 9D AF 13 STA $13AF,X
$112E A9 00 LDA #$00
```

\$1130 9D 34 13 STA \$1334,X
\$1133 9D 43 13 STA \$1343,X
\$1136 9D 4C 13 STA \$134C,X
\$1139 9D 87 13 STA \$1387,X
\$113C A9 FF LDA #\$FF
\$113E 9D 3A 13 STA \$133A,X
\$1141 9D 7C 13 STA \$137C,X
\$1144 BD 5B 13 LDA \$135B,X
\$1147 9D 58 13 STA \$1358,X
\$114A BD 61 13 LDA \$1361,X
\$114D 9D 5E 13 STA \$135E,X
\$1150 A9 00 LDA #\$00
\$1152 9D D6 13 STA \$13D6,X
\$1155 A9 01 LDA #\$01
\$1157 9D 9F 13 STA \$139F,X
\$115A E0 02 CPX #\$02
\$115C D0 06 BNE L_BRS_(\$1164)_(\$115C) OK
\$115E AD 97 13 LDA \$1397
\$1161 8D 96 13 STA \$1396
//-----
L_BRS_(\$1164)_(\$115C) OK
//-----
\$1164 A9 00 LDA #\$00
\$1166 9D F0 13 STA \$13F0,X
\$1169 A9 FF LDA #\$FF
\$116B 9D E2 13 STA \$13E2,X
//-----
L_JMP_(\$116E)_(\$104D) OK
L_BRS_(\$116E)_(\$10F9) OK

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L_BRS_($116E)_($1101) OK
//-----
$116E E8    INX
$116F E0 03  CPX #03
$1171 F0 03  BEQ L_BRS_($1176)_($1171) OK
$1173 4C 58 10 JMP L_JMP_($1058)_($1173) OK
//-----
L_JMP_($1176)_($104A) OK
L_BRS_($1176)_($1171) OK
//-----
$1176 A2 02  LDX #02
$1178 AD 03 13 LDA $1303
$117B F0 19  BEQ L_BRS_($1196)_($117B) OK
$117D CE 02 13 DEC $1302
$1180 D0 14  BNE L_BRS_($1196)_($1180) OK
$1182 AD 04 13 LDA $1304
$1185 8D 02 13 STA $1302
$1188 CE 01 13 DEC $1301
$118B AD 01 13 LDA $1301
$118E 8D 18 D4 STA $D418
$1191 D0 03  BNE L_BRS_($1196)_($1191) OK
$1193 8D 03 13 STA $1303
//-----
L_BRS_($1196)_($117B) OK
L_BRS_($1196)_($1180) OK
L_BRS_($1196)_($1191) OK
L_JMP_($1196)_($12CB) OK
//-----
$1196 BD 19 13 LDA $1319,X

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```
$1199 F0 13  BEQ L_BRS_($11AE)_($1199) OK
$119B BD 67 13 LDA $1367,X
$119E DD 1C 13 CMP $131C,X
$11A1 D0 0B  BNE L_BRS_($11AE)_($11A1) OK
$11A3 BC 06 13 LDY $1306,X
$11A6 BD 64 13 LDA $1364,X
$11A9 29 FE  AND #$FE
$11AB 99 04 D4 STA $D404,Y
//-----
L_BRS_($11AE)_($1199) OK
L_BRS_($11AE)_($11A1) OK
//-----
$11AE BD 37 13 LDA $1337,X
$11B1 D0 03  BNE L_BRS_($11B6)_($11B1) OK
$11B3 4C 91 12 JMP L_JMP_($1291)_($11B3) OK
//-----
L_BRS_($11B6)_($11B1) OK
//-----
$11B6 BD 84 13 LDA $1384,X
$11B9 F0 21  BEQ L_BRS_($11DC)_($11B9) OK
$11BB FE 87 13 INC $1387,X
$11BE BC 06 13 LDY $1306,X
$11C1 BD 87 13 LDA $1387,X
$11C4 C9 02  CMP #$02
$11C6 90 0C  BCC L_BRS_($11D4)_($11C6) OK
$11C8 C9 06  CMP #$06
$11CA B0 08  BCS L_BRS_($11D4)_($11CA) OK
$11CC A9 43  LDA #$43
$11CE 99 04 D4 STA $D404,Y
```

\$11D1 4C DC 11 JMP L_JMP_(\$11DC)_(\$11D1) OK

//-----

L_BRS_(\$11D4)_(\$11C6) OK

L_BRS_(\$11D4)_(\$11CA) OK

//-----

\$11D4 A9 41 LDA #\$41

\$11D6 99 04 D4 STA \$D404,Y

\$11D9 4C DC 11 JMP L_JMP_(\$11DC)_(\$11D9) OK

//-----

L_BRS_(\$11DC)_(\$11B9) OK

L_JMP_(\$11DC)_(\$11D1) OK

L_JMP_(\$11DC)_(\$11D9) OK

//-----

\$11DC BD 40 13 LDA \$1340,X

\$11DF F0 44 BEQ L_BRS_(\$1225)_(\$11DF) OK

\$11E1 DE 58 13 DEC \$1358,X

\$11E4 BD 58 13 LDA \$1358,X

\$11E7 D0 3C BNE L_BRS_(\$1225)_(\$11E7) OK

\$11E9 A9 01 LDA #\$01

\$11EB 9D 58 13 STA \$1358,X

\$11EE BD 43 13 LDA \$1343,X

\$11F1 29 07 AND #\$07

\$11F3 C9 02 CMP #\$02

\$11F5 90 04 BCC L_BRS_(\$11FB)_(\$11F5) OK

\$11F7 C9 06 CMP #\$06

\$11F9 90 15 BCC L_BRS_(\$1210)_(\$11F9) OK

//-----

L_BRS_(\$11FB)_(\$11F5) OK

//-----

```
$11FB FE 43 13 INC $1343,X
$11FE 38    SEC
$11FF BD 2E 13 LDA $132E,X
$1202 FD 46 13 SBC $1346,X
$1205 9D 2E 13 STA $132E,X
$1208 B0 1B   BCS L_BRS_($1225)_($1208) OK
$120A DE 31 13 DEC $1331,X
$120D 4C 25 12 JMP L_JMP_($1225)_($120D) OK
//-----
L_BRS_($1210)_($11F9) OK
//-----
$1210 FE 43 13 INC $1343,X
$1213 18    CLC
$1214 BD 2E 13 LDA $132E,X
$1217 7D 46 13 ADC $1346,X
$121A 9D 2E 13 STA $132E,X
$121D 90 06   BCC L_BRS_($1225)_($121D) OK
$121F FE 31 13 INC $1331,X
$1222 4C 25 12 JMP L_JMP_($1225)_($1222) OK
//-----
L_BRS_($1225)_($11DF) OK
L_BRS_($1225)_($11E7) OK
L_BRS_($1225)_($1208) OK
L_JMP_($1225)_($120D) OK
L_BRS_($1225)_($121D) OK
L_JMP_($1225)_($1222) OK
//-----
$1225 BD 49 13 LDA $1349,X
$1228 F0 4C   BEQ L_BRS_($1276)_($1228) OK
```



```
$122A DE 5E 13 DEC $135E,X
$122D BD 5E 13 LDA $135E,X
$1230 D0 44 BNE L_BRS_($1276)_($1230) OK
$1232 A9 01 LDA #$01
$1234 9D 5E 13 STA $135E,X
$1237 BD 4C 13 LDA $134C,X
$123A DD 55 13 CMP $1355,X
$123D 90 22 BCC L_BRS_($1261)_($123D) OK
$123F DD 52 13 CMP $1352,X
$1242 D0 08 BNE L_BRS_($124C)_($1242) OK
$1244 A9 00 LDA #$00
$1246 9D 4C 13 STA $134C,X
$1249 4C 61 12 JMP L_JMP_($1261)_($1249) OK
//-----
L_BRS_($124C)_($1242) OK
//-----
$124C FE 4C 13 INC $134C,X
$124F 38 SEC
$1250 BD AC 13 LDA $13AC,X
$1253 FD 4F 13 SBC $134F,X
$1256 9D AC 13 STA $13AC,X
$1259 B0 1B BCS L_BRS_($1276)_($1259) OK
$125B DE AF 13 DEC $13AF,X
$125E 4C 76 12 JMP L_JMP_($1276)_($125E) OK
//-----
L_BRS_($1261)_($123D) OK
L_JMP_($1261)_($1249) OK
//-----
$1261 FE 4C 13 INC $134C,X
```

```

$1264 18    CLC
$1265 BD AC 13 LDA $13AC,X
$1268 7D 4F 13 ADC $134F,X
$126B 9D AC 13 STA $13AC,X
$126E 90 06   BCC L_BRS_($1276)_($126E) OK
$1270 FE AF 13 INC $13AF,X
$1273 4C 76 12 JMP L_JMP_($1276)_($1273) OK
//-----
L_BRS_($1276)_($1228) OK
L_BRS_($1276)_($1230) OK
L_BRS_($1276)_($1259) OK
L_JMP_($1276)_($125E) OK
L_BRS_($1276)_($126E) OK
L_JMP_($1276)_($1273) OK
//-----
$1276 BD B2 13 LDA $13B2,X
$1279 F0 16   BEQ L_BRS_($1291)_($1279) OK
$127B BD 34 13 LDA $1334,X
$127E 29 03   AND #$03
$1280 A8     TAY
$1281 18     CLC
$1282 BD 37 13 LDA $1337,X
$1285 79 A2 13 ADC $13A2,Y
$1288 20 EF 12 JSR L_JSR_($12EF)_($1288) OK
$128B FE 34 13 INC $1334,X
$128E 4C 91 12 JMP L_JMP_($1291)_($128E) OK
//-----
L_JMP_($1291)_($11B3) OK
L_BRS_($1291)_($1279) OK

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L_JMP_($1291)_($128E) OK
//-----
$1291 BD C1 13 LDA $13C1,X
$1294 F0 32 BEQ L_BRS_($12C8)_($1294) OK
$1296 18 CLC
$1297 BD AC 13 LDA $13AC,X
$129A 7D 8A 13 ADC $138A,X
$129D 9D AC 13 STA $13AC,X
$12A0 90 15 BCC L_BRS_($12B7)_($12A0) OK
$12A2 FE AF 13 INC $13AF,X
$12A5 18 CLC
$12A6 BD AF 13 LDA $13AF,X
$12A9 C9 0F CMP #$0F
$12AB D0 0A BNE L_BRS_($12B7)_($12AB) OK
$12AD A9 01 LDA #$01
$12AF 9D AC 13 STA $13AC,X
$12B2 A9 01 LDA #$01
$12B4 9D AF 13 STA $13AF,X
//-----
L_BRS_($12B7)_($12A0) OK
L_BRS_($12B7)_($12AB) OK
//-----
$12B7 BD C4 13 LDA $13C4,X
$12BA F0 0C BEQ L_BRS_($12C8)_($12BA) OK
$12BC BD AF 13 LDA $13AF,X
$12BF C9 06 CMP #$06
$12C1 D0 05 BNE L_BRS_($12C8)_($12C1) OK
$12C3 A9 18 LDA #$18
$12C5 9D 8A 13 STA $138A,X

```

```
//-----  
L_BRS_($12C8)_($1294) OK  
L_BRS_($12C8)_($12BA) OK  
L_BRS_($12C8)_($12C1) OK  
//-----  
$12C8 CA    DEX  
$12C9 30 03  BMI L_BRS_($12CE)_($12C9) OK  
$12CB 4C 96 11 JMP L_JMP_($1196)_($12CB) OK  
//-----  
L_BRS_($12CE)_($12C9) OK  
//-----  
$12CE A2 02  LDX #$02  
//-----  
L_BRS_($12D0)_($12EC) OK  
L_JMP_($12D1)_($C831) BAD  
//-----  
$12D0 BC 06 13 LDY $1306,X  
$12D3 BD 2E 13 LDA $132E,X  
$12D6 99 00 D4 STA $D400,Y  
$12D9 BD 31 13 LDA $1331,X  
$12DC 99 01 D4 STA $D401,Y  
$12DF BD AC 13 LDA $13AC,X  
$12E2 99 02 D4 STA $D402,Y  
$12E5 BD AF 13 LDA $13AF,X  
$12E8 99 03 D4 STA $D403,Y  
$12EB CA    DEX  
$12EC 10 E2  BPL L_BRS_($12D0)_($12EC) OK  
//-----  
L_JMP_($12EE)_($101B) OK
```

```

L_JMP_($12EE)_($1079) OK
L_JMP_($12EE)_($1086) OK
//-----
$12EE 60    RTS
//-----
L_JSR_($12EF)_($10B6) OK
L_JSR_($12EF)_($1288) OK
//-----
$12EF 0A    ASL A
$12F0 A8    TAY
$12F1 B9 6D 14 LDA $146D,Y
$12F4 9D 2E 13 STA $132E,X
$12F7 B9 6E 14 LDA $146E,Y
$12FA 9D 31 13 STA $1331,X
$12FD 60    RTS
//-----
$12FE      .byte $00,$00,$00,$0F,$00,$00,$00
$1305 40    RTI
//-----
$1306      .byte $00,$07
$1308 0E 00 02 ASL $0200
$130B 06 08    ASL $08
$130D 06 06    ASL $06
$130F 01 00    ORA ($00,X)
$1311      .byte $00,$00,$00
$1314 DD 13 18 CMP $1813,X
$1317 18    CLC
$1318      .byte $1A
$1319 01 01    ORA ($01,X)

```

\$131B 01 04 ORA (\$04,X)
\$131D .byte \$04,\$04
\$131F 01 01 ORA (\$01,X)
\$1321 .byte \$00
\$1322 D0 5F BNE L_BRS_(\$1383)_(\$1322) OK
\$1324 .byte \$00,\$17
\$1326 18 CLC
\$1327 .byte \$00
\$1328 18 CLC
\$1329 19 00 5F ORA \$5F00,Y
\$132C .byte \$AF,\$00
\$132E 2D 09 2C AND \$2C09
\$1331 2E 0D 2E ROL \$2E0D
\$1334 .byte \$00,\$00,\$00
\$1337 41 2B EOR (\$2B,X)
\$1339 41 FF EOR (\$FF,X)
\$133B .byte \$FF,\$FF,\$00,\$00,\$00
\$1340 01 00 ORA (\$00,X)
\$1342 01 31 ORA (\$31,X)
\$1344 .byte \$00
\$1345 21 45 AND (\$45,X)
\$1347 .byte \$00
\$1348 46 00 LSR \$00
\$134A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$1352 .byte \$00,\$00,\$00,\$00,\$00,\$00
\$1358 01 00 ORA (\$00,X)
\$135A 01 10 ORA (\$10,X)
\$135C .byte \$00
\$135D 10 00 BPL L_BRS_(\$135F)_(\$135D) JAM

```

//-----
L_BRS_($135F)_($135D) JAM
//-----
$135F      .byte $00,$00,$00,$00,$00
$1364 40    RTI
//-----
$1365 40    RTI
//-----
$1366 40    RTI
//-----
$1367 11 06  ORA ($06),Y
$1369      .byte $07
$136A 01 01  ORA ($01,X)
$136C 01 41  ORA ($41,X)
$136E      .byte $2B
$136F 41 00  EOR ($00,X)
$1371      .byte $00,$00,$00,$00,$00,$00,$00,$00
$1379      .byte $00,$00,$00,$FF,$FF,$FF
$137F 41 80  EOR ($80,X)
$1381      .byte $80
$1382 40    RTI
//-----
L_BRS_($1383)_($1322) OK
//-----
$1383 40    RTI
//-----
$1384      .byte $00,$00,$00,$00,$00,$00
$138A 28    PLP
$138B      .byte $32,$32

```

```

$138D 28    PLP
//-----
L_BRS_($138E)_($140C) JAM
//-----
$138E      .byte $32,$32
$1390 08    PHP
$1391 08    PHP
$1392 08    PHP
$1393      .byte $00
$1394 20 00 10 JSR L_JSR_($1000)_($1394) OK
$1397 10 20  BPL L_BRS_($13B9)_($1397) JAM
$1399      .byte $00,$00,$00,$00,$00,$00
$139F 01 01  ORA ($01,X)
$13A1 01 00  ORA ($00,X)
$13A3      .byte $0C,$00,$00,$00,$00,$00,$00,$00
$13AB      .byte $00,$00
$13AD 84 59  STY $59
$13AF 08    PHP
$13B0 08    PHP
$13B1      .byte $03,$00,$00,$00,$00,$00,$00,$00
//-----
L_BRS_($13B9)_($1397) JAM
//-----
$13B9      .byte $00,$00,$00,$00,$00,$00,$00,$00
$13C1      .byte $00
$13C2 01 01  ORA ($01,X)
$13C4 01 01  ORA ($01,X)
$13C6 01 0C  ORA ($0C,X)
$13C8 18    CLC

```



```

//-----
L_BRS_($13CE)_($144C) JAM
//-----
$13C9      .byte $00,$00,$00,$00,$00,$00,$00,$00
$13D1      .byte $00,$00,$00,$00,$00,$00,$00,$00
$13D9      .byte $02,$00,$00,$00,$00,$00,$00,$00
$13E1      .byte $00,$FF,$FF,$FF,$3B,$3B
$13E7 30 3C  BMI L_BRS_($1425)_($13E7) OK
$13E9      .byte $3B,$3B
$13EB 30 3C  BMI L_BRS_($1429)_($13EB) OK
$13ED      .byte $00,$00,$00,$00,$00,$00,$FF,$FF
$13F5      .byte $FF
$13F6 05 01  ORA $01
$13F8      .byte $02,$04,$00
$13FB 10 20  BPL L_BRS_($141D)_($13FB) OK
$13FD 30 40  BMI L_BRS_($143F)_($13FD) JAM
$13FF 50 60  BVC L_BRS_($1461)_($13FF) OK
$1401      .byte $47,$42
$1403 46 45  LSR $45
$1405 5E 5F 47 LSR $475F,X
$1408 30 11  BMI L_BRS_($141B)_($1408) OK
$140A 81 10  STA ($10,X)
$140C 10 80  BPL L_BRS_($138E)_($140C) JAM
//-----
L_JSR_($1414)_($4A18) JAM
L_JSR_($1414)_($4C1C) JAM
L_JSR_($1414)_($4CBA) JAM
L_JSR_($1414)_($6F4B) JAM
L_JSR_($1414)_($714B) JAM

```

```

//-----
$140E      .byte $80,$80,$80,$42,$42,$42,$42,$42
$1416      .byte $42
$1417 30 42  BMI L_BRS_($145B)_($1417) BAD
$1419 81 81  STA ($81,X)
//-----
L_BRS_($141B)_($1408) OK
//-----
$141B 81 81  STA ($81,X)
//-----
L_BRS_($141D)_($13FB) OK
//-----
$141D 81 80  STA ($80,X)
$141F      .byte $80,$80
$1421 2E 47 29 ROL $2947
$1424      .byte $23
//-----
L_BRS_($1425)_($13E7) OK
//-----
$1425 18    CLC
$1426      .byte $13
$1427 11 0B  ORA ($0B),Y
//-----
L_BRS_($1429)_($13EB) OK
//-----
$1429 41 81  EOR ($81,X)
$142B 41 41  EOR ($41,X)
$142D 41 40  EOR ($40,X)
$142F 40    RTI

```

```

//-----
$1430      .byte $00,$32
$1432 49 26  EOR # $26
$1434      .byte $37,$42,$34,$3C
$1438 30 11  BMI L_BRS_($144B)_($1438) BAD
$143A 81 41  STA ($41,X)
$143C 08    PHP
//-----
L_BRS_($143F)_($13FD) JAM
//-----
$143D      .byte $80,$80,$80,$80,$33
$1442 40    RTI
//-----
$1443 20 35 42 JSR L_JSR_($4235)_($1443) OK
$1446      .byte $34,$42
$1448 30 11  BMI L_BRS_($145B)_($1448) BAD
//-----
L_BRS_($144B)_($1438) BAD
//-----
$144A 81 11  STA ($11,X)
$144C 10 80  BPL L_BRS_($13CE)_($144C) JAM
$144E      .byte $80,$80,$80,$2F
$1452 40    RTI
//-----
$1453 2D 28 40 AND $4028
$1456      .byte $32
$1457 40    RTI
//-----
$1458 30 41  BMI L_BRS_($149B)_($1458) JAM

```

```
//-----  
L_BRS_($145B)_($1417) BAD  
L_BRS_($145B)_($1448) BAD  
//-----  
$145A 81 11 STA ($11,X)  
$145C 20 80 80 JSR L_JSR_($8080)_($145C) BAD  
$145F .byte $80,$80  
//-----  
L_BRS_($1461)_($13FF) OK  
//-----  
$1461 06 0C ASL $0C  
$1463 .byte $0C,$07,$07  
$1466 09 08 ORA #$08  
$1468 .byte $0C  
$1469 C8 INY  
$146A .byte $97,$97,$F8,$00,$00,$27  
$1470 01 38 ORA ($38,X)  
$1472 01 4B ORA ($4B,X)  
$1474 01 5F ORA ($5F,X)  
$1476 01 73 ORA ($73,X)  
$1478 01 8A ORA ($8A,X)  
$147A 01 A1 ORA ($A1,X)  
$147C 01 BA ORA ($BA,X)  
$147E 01 D4 ORA ($D4,X)  
$1480 01 F0 ORA ($F0,X)  
$1482 01 0E ORA ($0E,X)  
$1484 .byte $02  
$1485 2D 02 4E AND $4E02  
$1488 .byte $02
```

```

$1489 71 02  ADC ($02),Y
$148B 96 02  STX $02,Y
$148D BD 02 E7 LDA $E702,X
$1490      .byte $02,$13,$03,$42,$03,$74,$03
//-----
L_BRS_($1498)_($1513) BAD
//-----
$1497 A9 03  LDA #$03
$1499 E0 03  CPX #$03
//-----
L_BRS_($149B)_($1458) JAM
//-----
$149B      .byte $1B,$04,$5A,$04,$9B,$04,$E2,$04
$14A3 2C 05 7B BIT $7B05
$14A6 05 CE  ORA $CE
$14A8 05 27  ORA $27
$14AA 06 85  ASL $85
//-----
L_BRS_($14AC)_($1517) OK
//-----
$14AC 06 E8  ASL $E8
$14AE 06 51  ASL $51
$14B0      .byte $07
$14B1 C1 07  CMP ($07,X)
$14B3      .byte $37
$14B4 08    PHP
$14B5 B4 08  LDY $08,X
$14B7      .byte $37
$14B8 09 C4  ORA #$C4

```

```
$14BA 09 57  ORA #$57
$14BC 0A    ASL A
$14BD F5 0A  SBC $0A,X
$14BF      .byte $9C,$0B
$14C1 4E 0C 09 LSR $090C
$14C4 0D D0 0D ORA $0DD0
$14C7      .byte $A3
$14C8 0E 82 0F ASL $0F82
$14CB 6E 10 68 ROR $6810
$14CE 11 6E  ORA ($6E),Y
$14D0      .byte $12
$14D1 88    DEY
$14D2      .byte $13,$AF,$14,$EB
$14D6 15 39  ORA $39,X
$14D8      .byte $17,$9C
$14DA 18    CLC
$14DB      .byte $13,$1A
$14DD A1 1B  LDA ($1B,X)
$14DF 46 1D  LSR $1D
$14E1      .byte $04,$1F,$DC
$14E4 20 D0 22 JSR L_JSR_($22D0)_($14E4) JAM
$14E7      .byte $DC
$14E8 24 10  BIT $10
$14EA      .byte $27
$14EB 5E 29 D6 LSR $D629,X
$14EE      .byte $2B,$72
$14F0 2E 38 31 ROL $3138
$14F3 26 34  ROL $34
$14F5      .byte $42,$37
```

```
$14F7 8C 3A 08 STY $083A
$14FA 3E B8 41 ROL $41B8,X
$14FD A0 45 LDY #$45
$14FF .byte $B8
$1500 49 20 EOR #$20
$1502 4E BC 52 LSR $52BC
$1505 AC 57 E4 LDY $E457
$1508 .byte $5C
$1509 70 62 BVS L_BRS_($156D)_($1509) JAM
$150B 4C 68 84 JMP L_JMP_($8468)_($150B) BAD
$150E 6E 18 75 ROR $7518
$1511 10 7C BPL L_BRS_($158F)_($1511) JAM
$1513 70 83 BVS L_BRS_($1498)_($1513) BAD
$1515 40 RTI
//-----
$1516 .byte $8B
//-----
L_JSR_($1517)_($1786) OK
//-----
$1517 70 93 BVS L_BRS_($14AC)_($1517) OK
$1519 40 RTI
//-----
$151A .byte $9C
$151B 78 SEI
$151C A5 58 LDA $58
$151E .byte $AF
$151F C8 INY
$1520 B9 E0 C4 LDA $C4E0,Y
$1523 98 TYA
```

\$1524 D0 08 BNE L_BRS_(\$152E)_(\$1524) BAD

\$1526 DD 30 EA CMP \$EA30,X

\$1529 20 F8 2E JSR L_JSR_(\$2EF8)_(\$1529) JAM

//-----

L_BRS_(\$152E)_(\$1524) BAD

//-----

\$152C FD 00 06 SBC \$0600,X

\$152F .byte \$0C,\$12

\$1531 18 CLC

\$1532 1E 00 12 ASL \$1200,X

\$1535 24 36 BIT \$36

\$1537 48 PHA

\$1538 .byte \$5A,\$00

\$153A 0A ASL A

\$153B .byte \$14

\$153C 1E 28 32 ASL \$3228,X

\$153F 01 D9 ORA (\$D9,X)

\$1541 01 B8 ORA (\$B8,X)

\$1543 01 D9 ORA (\$D9,X)

\$1545 .byte \$02

\$1546 40 RTI

//-----

\$1547 40 RTI

//-----

\$1548 40 RTI

//-----

\$1549 01 D9 ORA (\$D9,X)

\$154B 01 B8 ORA (\$B8,X)

\$154D 01 D9 ORA (\$D9,X)


```

$154F 01 40  ORA ($40,X)
$1551 40    RTI
//-----
$1552 40    RTI
//-----
$1553 01 D9  ORA ($D9,X)
$1555 01 B8  ORA ($B8,X)
$1557 01 D9  ORA ($D9,X)
$1559 01 40  ORA ($40,X)
$155B 40    RTI
//-----
$155C 40    RTI
//-----
$155D 28    PLP
$155E      .byte $32,$32
$1560 08    PHP
$1561 08    PHP
$1562 08    PHP
$1563      .byte $00
$1564 20 00 30 JSR L_JSR_($3000)_($1564) OK
$1567 10 20  BPL L_BRS_($1589)_($1567) BAD
//-----
L_BRS_($156D)_($1509) JAM
//-----
$1569      .byte $00,$00,$00,$00,$00,$00
$156F 28    PLP
$1570      .byte $32,$32
$1572 08    PHP
$1573 08    PHP

```

```
$1574 08    PHP
$1575      .byte $00
$1576 20 00 30 JSR L_JSR_($3000)_($1576) OK
$1579 10 20   BPL L_BRS_($159B)_($1579) OK
$157B      .byte $00,$00,$00,$00,$00,$00
$1581 28    PLP
$1582      .byte $32,$32
$1584 08    PHP
$1585 08    PHP
$1586 08    PHP
$1587      .byte $00
//-----
L_BRS_($1589)_($1567) BAD
//-----
$1588 20 00 30 JSR L_JSR_($3000)_($1588) OK
$158B 10 20   BPL L_BRS_($15AD)_($158B) OK
//-----
L_BRS_($158F)_($1511) JAM
//-----
$158D      .byte $00,$00,$00,$00,$00,$00,$53
$1594 A8    TAY
$1595 B0 18   BCS L_BRS_($15AF)_($1595) BAD
$1597 19 19 21 ORA $2119,Y
$159A      .byte $6F
//-----
L_BRS_($159B)_($1579) OK
//-----
$159B BA    TSX
$159C      .byte $1B,$1B,$1B
```

```

$159F E8    INX
$15A0      .byte $22
$15A1 6D 1B 1C ADC $1C1B
$15A4      .byte $1C
//-----
L_JSR_($15A5)_($10B9) OK
L_JSR_($15A5)_($10E4) OK
L_JSR_($15A5)_($15E7) OK
L_JSR_($15A5)_($15F2) OK
L_JSR_($15A5)_($15FD) OK
L_JSR_($15A5)_($1608) OK
L_JSR_($15A5)_($1613) OK
L_JSR_($15A5)_($161E) OK
L_JSR_($15A5)_($1648) OK
L_JSR_($15A5)_($167C) OK
L_JSR_($15A5)_($1698) OK
L_JSR_($15A5)_($171A) OK
L_JSR_($15A5)_($1725) OK
L_JSR_($15A5)_($174A) OK
L_JSR_($15A5)_($1755) OK
L_JSR_($15A5)_($1760) OK
//-----
$15A5 E6 A7    INC $A7
$15A7 D0 02    BNE L_BRS_($15AB)_($15A7) OK
$15A9 E6 A8    INC $A8
//-----
L_BRS_($15AB)_($15A7) OK
L_BRS_($15AB)_($15B8) OK
//-----

```

\$15AB 60 RTS

//-----

L_JSR_(\$15AC)_(\$15CB) OK

L_JSR_(\$15AC)_(\$15DC) OK

L_JSR_(\$15AC)_(\$163A) OK

L_JSR_(\$15AC)_(\$1671) OK

L_JSR_(\$15AC)_(\$1688) OK

L_JSR_(\$15AC)_(\$16B9) OK

L_JSR_(\$15AC)_(\$16D7) OK

L_JSR_(\$15AC)_(\$173F) OK

//-----

\$15AC C8 INY

//-----

L_BRS_(\$15AD)_(\$158B) OK

L_BRS_(\$15AF)_(\$1595) BAD

//-----

\$15AD 8C F6 13 STY \$13F6

\$15B0 18 CLC

\$15B1 A5 A7 LDA \$A7

\$15B3 6D F6 13 ADC \$13F6

\$15B6 85 A7 STA \$A7

\$15B8 90 F1 BCC L_BRS_(\$15AB)_(\$15B8) OK

\$15BA E6 A8 INC \$A8

\$15BC 60 RTS

//-----

\$15BD A9 01 LDA #\$01

\$15BF 8D 03 13 STA \$1303

\$15C2 C8 INY

\$15C3 B1 A7 LDA (\$A7),Y

\$15C5 8D 02 13 STA \$1302
\$15C8 8D 04 13 STA \$1304
\$15CB 20 AC 15 JSR L_JSR_(\$15AC)_(\$15CB) OK
\$15CE 4C 6C 10 JMP L_JMP_(\$106C)_(\$15CE) OK
\$15D1 A9 01 LDA #\$01
\$15D3 9D 19 13 STA \$1319,X
\$15D6 C8 INY
\$15D7 B1 A7 LDA (\$A7),Y
\$15D9 9D 1C 13 STA \$131C,X
\$15DC 20 AC 15 JSR L_JSR_(\$15AC)_(\$15DC) OK
\$15DF 4C 6C 10 JMP L_JMP_(\$106C)_(\$15DF) OK
\$15E2 A9 00 LDA #\$00
\$15E4 9D 19 13 STA \$1319,X
\$15E7 20 A5 15 JSR L_JSR_(\$15A5)_(\$15E7) OK
\$15EA 4C 6C 10 JMP L_JMP_(\$106C)_(\$15EA) OK
\$15ED A9 42 LDA #\$42
\$15EF 9D 64 13 STA \$1364,X
\$15F2 20 A5 15 JSR L_JSR_(\$15A5)_(\$15F2) OK
\$15F5 4C 6C 10 JMP L_JMP_(\$106C)_(\$15F5) OK
\$15F8 A9 50 LDA #\$50
\$15FA 9D 64 13 STA \$1364,X
\$15FD 20 A5 15 JSR L_JSR_(\$15A5)_(\$15FD) OK
\$1600 4C 6C 10 JMP L_JMP_(\$106C)_(\$1600) OK
\$1603 A9 40 LDA #\$40
\$1605 9D 64 13 STA \$1364,X
\$1608 20 A5 15 JSR L_JSR_(\$15A5)_(\$1608) OK
\$160B 4C 6C 10 JMP L_JMP_(\$106C)_(\$160B) OK
\$160E A9 46 LDA #\$46
\$1610 9D 64 13 STA \$1364,X

\$1613 20 A5 15 JSR L_JSR_(\$15A5)_(\$1613) OK
\$1616 4C 6C 10 JMP L_JMP_(\$106C)_(\$1616) OK
\$1619 A9 00 LDA #00
\$161B 9D 64 13 STA \$1364,X
\$161E 20 A5 15 JSR L_JSR_(\$15A5)_(\$161E) OK
\$1621 4C 6C 10 JMP L_JMP_(\$106C)_(\$1621) OK
\$1624 C8 INY
\$1625 B1 A7 LDA (\$A7),Y
\$1627 9D 8D 13 STA \$138D,X
\$162A A9 01 LDA #01
\$162C 9D C1 13 STA \$13C1,X
\$162F A9 00 LDA #00
\$1631 9D 49 13 STA \$1349,X
\$1634 C8 INY
\$1635 B1 A7 LDA (\$A7),Y
\$1637 9D C4 13 STA \$13C4,X
\$163A 20 AC 15 JSR L_JSR_(\$15AC)_(\$163A) OK
\$163D 4C 6C 10 JMP L_JMP_(\$106C)_(\$163D) OK
\$1640 A9 00 LDA #00
\$1642 9D C1 13 STA \$13C1,X
\$1645 9D C4 13 STA \$13C4,X
\$1648 20 A5 15 JSR L_JSR_(\$15A5)_(\$1648) OK
\$164B 4C 6C 10 JMP L_JMP_(\$106C)_(\$164B) OK
\$164E A9 01 LDA #01
\$1650 9D 49 13 STA \$1349,X
\$1653 A9 00 LDA #00
\$1655 9D C1 13 STA \$13C1,X
\$1658 C8 INY
\$1659 B1 A7 LDA (\$A7),Y

\$165B 9D 5E 13 STA \$135E,X
\$165E 9D 61 13 STA \$1361,X
\$1661 C8 INY
\$1662 B1 A7 LDA (\$A7),Y
\$1664 9D 4F 13 STA \$134F,X
\$1667 C8 INY
\$1668 B1 A7 LDA (\$A7),Y
\$166A 9D 52 13 STA \$1352,X
\$166D 4A LSR A
\$166E 9D 55 13 STA \$1355,X
\$1671 20 AC 15 JSR L_JSR_(\$15AC)_(\$1671) OK
\$1674 4C 6C 10 JMP L_JMP_(\$106C)_(\$1674) OK
\$1677 A9 00 LDA #\$00
\$1679 9D 49 13 STA \$1349,X
\$167C 20 A5 15 JSR L_JSR_(\$15A5)_(\$167C) OK
\$167F 4C 6C 10 JMP L_JMP_(\$106C)_(\$167F) OK
\$1682 C8 INY
\$1683 B1 A7 LDA (\$A7),Y
\$1685 9D D0 13 STA \$13D0,X
\$1688 20 AC 15 JSR L_JSR_(\$15AC)_(\$1688) OK
\$168B A5 A7 LDA \$A7
\$168D 9D CA 13 STA \$13CA,X
\$1690 A5 A8 LDA \$A8
\$1692 9D CD 13 STA \$13CD,X
\$1695 4C 6C 10 JMP L_JMP_(\$106C)_(\$1695) OK
\$1698 20 A5 15 JSR L_JSR_(\$15A5)_(\$1698) OK
\$169B DE D0 13 DEC \$13D0,X
\$169E F0 0A BEQ L_BRS_(\$16AA)_(\$169E) OK
\$16A0 BD CA 13 LDA \$13CA,X

```
$16A3 85 A7 STA $A7
$16A5 BD CD 13 LDA $13CD,X
$16A8 85 A8 STA $A8
//-----
L_BRS_($16AA)_($169E) OK
//-----
$16AA 4C 6C 10 JMP L_JMP_($106C)_($16AA) OK
$16AD C8 INY
$16AE B1 A7 LDA ($A7),Y
$16B0 9D 90 13 STA $1390,X
$16B3 C8 INY
$16B4 B1 A7 LDA ($A7),Y
$16B6 9D 93 13 STA $1393,X
$16B9 20 AC 15 JSR L_JSR_($15AC)_($16B9) OK
$16BC 4C 6C 10 JMP L_JMP_($106C)_($16BC) OK
$16BF C8 INY
$16C0 B1 A7 LDA ($A7),Y
$16C2 9D 1F 13 STA $131F,X
$16C5 C8 INY
$16C6 B1 A7 LDA ($A7),Y
$16C8 9D C7 13 STA $13C7,X
$16CB C8 INY
$16CC B1 A7 LDA ($A7),Y
$16CE 9D 22 13 STA $1322,X
$16D1 C8 INY
$16D2 B1 A7 LDA ($A7),Y
$16D4 9D 25 13 STA $1325,X
$16D7 20 AC 15 JSR L_JSR_($15AC)_($16D7) OK
$16DA A5 A7 LDA $A7
```



```
$16DC 9D 2B 13 STA $132B,X
$16DF A5 A8 LDA $A8
$16E1 9D 28 13 STA $1328,X
$16E4 BD 22 13 LDA $1322,X
$16E7 85 A7 STA $A7
$16E9 BD 25 13 LDA $1325,X
$16EC 85 A8 STA $A8
$16EE 4C 6C 10 JMP L_JMP_($106C)_($16EE) OK
$16F1 DE 1F 13 DEC $131F,X
$16F4 F0 0D BEQ L_BRS_($1703)_($16F4) OK
$16F6 BD 22 13 LDA $1322,X
$16F9 85 A7 STA $A7
$16FB BD 25 13 LDA $1325,X
$16FE 85 A8 STA $A8
//-----
L_JSR_($1700)_($2ECE) OK
//-----
$1700 4C 6C 10 JMP L_JMP_($106C)_($1700) OK
//-----
L_BRS_($1703)_($16F4) OK
//-----
$1703 BD 2B 13 LDA $132B,X
$1706 85 A7 STA $A7
$1708 BD 28 13 LDA $1328,X
$170B 85 A8 STA $A8
$170D A9 00 LDA #$00
$170F 9D C7 13 STA $13C7,X
$1712 4C 6C 10 JMP L_JMP_($106C)_($1712) OK
$1715 A9 01 LDA #$01
```

\$1717 9D 84 13 STA \$1384,X
\$171A 20 A5 15 JSR L_JSR_(\$15A5)_(\$171A) OK
\$171D 4C 6C 10 JMP L_JMP_(\$106C)_(\$171D) OK
\$1720 A9 00 LDA #\$00
\$1722 9D 84 13 STA \$1384,X
\$1725 20 A5 15 JSR L_JSR_(\$15A5)_(\$1725) OK
\$1728 4C 6C 10 JMP L_JMP_(\$106C)_(\$1728) OK
\$172B A9 01 LDA #\$01
\$172D 9D 40 13 STA \$1340,X
\$1730 C8 INY
\$1731 B1 A7 LDA (\$A7),Y
\$1733 9D 58 13 STA \$1358,X
\$1736 9D 5B 13 STA \$135B,X
\$1739 C8 INY
\$173A B1 A7 LDA (\$A7),Y
\$173C 9D 46 13 STA \$1346,X
\$173F 20 AC 15 JSR L_JSR_(\$15AC)_(\$173F) OK
\$1742 4C 6C 10 JMP L_JMP_(\$106C)_(\$1742) OK
\$1745 A9 00 LDA #\$00
\$1747 9D 40 13 STA \$1340,X
\$174A 20 A5 15 JSR L_JSR_(\$15A5)_(\$174A) OK
\$174D 4C 6C 10 JMP L_JMP_(\$106C)_(\$174D) OK
\$1750 A9 01 LDA #\$01
\$1752 9D A9 13 STA \$13A9,X
\$1755 20 A5 15 JSR L_JSR_(\$15A5)_(\$1755) OK
\$1758 4C 6C 10 JMP L_JMP_(\$106C)_(\$1758) OK
\$175B A9 00 LDA #\$00
\$175D 9D A9 13 STA \$13A9,X
\$1760 20 A5 15 JSR L_JSR_(\$15A5)_(\$1760) OK

```
$1763 4C 6C 10 JMP L_JMP_($106C)_($1763) OK
$1766 66 17 ROR $17
$1768 66 17 ROR $17
$176A 66 17 ROR $17
$176C 66 17 ROR $17
$176E 66 17 ROR $17
$1770 66 17 ROR $17
$1772 66 17 ROR $17
$1774 66 17 ROR $17
$1776 66 17 ROR $17
$1778 66 17 ROR $17
$177A 66 17 ROR $17
$177C .byte $5B,$17
$177E 50 17 BVC L_BRS_($1797)_($177E) OK
$1780 45 17 EOR $17
$1782 .byte $2B,$17
$1784 15 17 ORA $17,X
$1786 20 17 15 JSR L_JSR_($1517)_($1786) OK
$1789 .byte $17
$178A 15 17 ORA $17,X
$178C 15 17 ORA $17,X
$178E F1 16 SBC ($16),Y
$1790 .byte $BF
$1791 16 BF ASL $BF,X
$1793 16 BF ASL $BF,X
$1795 16 BF ASL $BF,X
//-----
L_BRS_($1797)_($177E) OK
//-----
```

\$1797 16 BF ASL \$BF,X
\$1799 16 BF ASL \$BF,X
\$179B 16 BF ASL \$BF,X
\$179D 16 AD ASL \$AD,X
\$179F 16 98 ASL \$98,X
\$17A1 16 82 ASL \$82,X
\$17A3 16 82 ASL \$82,X
\$17A5 16 77 ASL \$77,X
\$17A7 16 77 ASL \$77,X
\$17A9 16 4E ASL \$4E,X
\$17AB 16 40 ASL \$40,X
\$17AD 16 24 ASL \$24,X
\$17AF 16 24 ASL \$24,X
\$17B1 16 24 ASL \$24,X
\$17B3 16 24 ASL \$24,X
\$17B5 16 24 ASL \$24,X
\$17B7 16 24 ASL \$24,X
\$17B9 16 19 ASL \$19,X
\$17BB 16 0E ASL \$0E,X
\$17BD 16 03 ASL \$03,X
\$17BF 16 F8 ASL \$F8,X
\$17C1 15 ED ORA \$ED,X
\$17C3 15 ED ORA \$ED,X
\$17C5 15 ED ORA \$ED,X
\$17C7 15 ED ORA \$ED,X
\$17C9 15 E2 ORA \$E2,X
\$17CB 15 D1 ORA \$D1,X
\$17CD 15 BD ORA \$BD,X
\$17CF 15 30 ORA \$30,X

```
$17D1 20 29 20 JSR L_JSR_($2029)_($17D1) OK
$17D4 35 20 AND $20,X
$17D6 30 08 BMI L_BRS_($17E0)_($17D6) JAM
$17D8 .byte $32
$17D9 08 PHP
$17DA 30 10 BMI L_BRS_($17EC)_($17DA) JAM
$17DC 30 20 BMI L_BRS_($17FE)_($17DC) OK
$17DE 35 20 AND $20,X
//-----
L_BRS_($17E0)_($17D6) JAM
//-----
$17E0 .byte $34
$17E1 08 PHP
$17E2 .byte $32
$17E3 06 2B ASL $2B
$17E5 .byte $02,$34
$17E7 08 PHP
$17E8 .byte $32
$17E9 06 2B ASL $2B
//-----
L_BRS_($17EC)_($17DA) JAM
//-----
$17EB .byte $02,$34
$17ED 08 PHP
$17EE .byte $32
$17EF 06 2B ASL $2B
$17F1 .byte $02,$34,$04,$32,$04
$17F6 28 PLP
$17F7 06 29 ASL $29
```

```

$17F9      .byte $02
$17FA 30 20  BMI L_BRS_($181C)_($17FA) JAM
$17FC 29 20  AND # $20
//-----
L_BRS_($17FE)_($17DC) OK
//-----
$17FE 35 20  AND $20,X
$1800 30 08  BMI L_BRS_($180A)_($1800) JAM
$1802      .byte $32
$1803 08     PHP
$1804 30 10  BMI L_BRS_($1816)_($1804) JAM
$1806 30 20  BMI L_BRS_($1828)_($1806) BAD
$1808 35 20  AND $20,X
//-----
L_BRS_($180A)_($1800) JAM
//-----
$180A      .byte $34
$180B 08     PHP
$180C      .byte $32
$180D 06 2B  ASL $2B
$180F      .byte $02,$34
$1811 08     PHP
$1812      .byte $32
$1813 06 2B  ASL $2B
//-----
L_BRS_($1816)_($1804) JAM
//-----
$1815      .byte $02,$34
$1817 08     PHP

```

```
$1818      .byte $32
$1819 06 2B  ASL $2B
//-----
L_BRS_($181C)_($17FA) JAM
//-----
$181B      .byte $02,$34,$04,$32,$04
$1820 28     PLP
$1821 06 2B  ASL $2B
$1823      .byte $02
$1824 29 20  AND # $20
$1826      .byte $34
//-----
L_BRS_($1828)_($1806) BAD
//-----
$1827 20 29 20 JSR L_JSR_($2029)_($1827) OK
$182A 24 20  BIT $20
$182C 29 20  AND # $20
$182E      .byte $34
//-----
L_JSR_($1830)_($184D) BAD
//-----
$182F 20 1F 0C JSR L_JSR_($0C1F)_($182F) JAM
$1832      .byte $2B,$0C,$1F
$1835 08     PHP
$1836      .byte $27
$1837 20 1F 0C JSR L_JSR_($0C1F)_($1837) JAM
$183A      .byte $2B,$0C,$1F
$183D 08     PHP
$183E      .byte $33
```

```
$183F 20 1F 0C JSR L_JSR_($0C1F)_($183F) JAM
$1842      .byte $2B,$0C,$1F
$1845 08    PHP
$1846 1D 0C 29 ORA $290C,X
$1849      .byte $0C
$184A 1D 08 2B ORA $2B08,X
$184D 20 30 18 JSR L_JSR_($1830)_($184D) BAD
$1850      .byte $00
$1851 08    PHP
$1852 94 00  STY $00,X
$1854 08    PHP
$1855      .byte $B3,$04
$1857 8E 10 45 STX $4510
$185A 95 01  STA $01,X
$185C      .byte $0C
$185D D0 17  BNE L_BRS_($1876)_($185D) OK
$185F      .byte $0C
$1860 06 0E  ASL $0E
$1862      .byte $02
$1863 10 04  BPL L_BRS_($1869)_($1863) JAM
$1865 0E 04 0C ASL $0C04
//-----
L_BRS_($1869)_($1863) JAM
//-----
$1868      .byte $04,$0B,$04
$186B 09 04  ORA # $04
$186D      .byte $07,$04
$186F 05 06  ORA $06
$1871      .byte $07,$02
```



```

$1873 0E 18 0E ASL $0E18
//-----
L_BRS_($1876)_($185D) OK
//-----
$1876 06 10 ASL $10
$1878 .byte $02
$1879 11 04 ORA ($04),Y
$187B 15 04 ORA $04,X
$187D .byte $1A,$04
$187F 18 CLC
$1880 .byte $04,$17,$04,$13,$04
$1885 11 06 ORA ($06),Y
$1887 .byte $13,$02
$1889 10 08 BPL L_BRS_($1893)_($1889) OK
$188B .byte $13
$188C 08 PHP
$188D 18 CLC
$188E 08 PHP
$188F .byte $0C
$1890 06 0E ASL $0E
$1892 .byte $02
//-----
L_BRS_($1893)_($1889) OK
//-----
$1893 10 08 BPL L_BRS_($189D)_($1893) OK
$1895 10 08 BPL L_BRS_($189F)_($1895) BAD
$1897 10 08 BPL L_BRS_($18A1)_($1897) JAM
$1899 0E 06 0C ASL $0C06
$189C .byte $02

```

```

//-----
L_BRS_($189D)_($1893) OK
L_BRS_($189F)_($1895) BAD
//-----
$189D 0D 04 11 ORA $1104
//-----
L_BRS_($18A1)_($1897) JAM
//-----
$18A0      .byte $04,$0F,$04,$0C,$04
$18A5 0D 10 0C ORA $0C10
$18A8 08    PHP
$18A9      .byte $0B
$18AA 08    PHP
$18AB      .byte $0C
$18AC 08    PHP
$18AD      .byte $0B
$18AE 08    PHP
$18AF      .byte $0C
$18B0 08    PHP
$18B1      .byte $0B
$18B2 08    PHP
$18B3      .byte $0C,$04,$0B,$04,$0C
$18B8 06 0E ASL $0E
$18BA      .byte $02
$18BB 10 04 BPL L_BRS_($18C1)_($18BB) JAM
$18BD 0E 04 0C ASL $0C04
//-----
L_BRS_($18C1)_($18BB) JAM
//-----

```

```

$18C0      .byte $04,$0B,$04
$18C3 09 04  ORA # $04
$18C5      .byte $07,$04
$18C7 05 06  ORA $06
$18C9      .byte $07,$02
$18CB 0E 18 0E  ASL $0E18
$18CE 06 10  ASL $10
$18D0      .byte $02
$18D1 11 04  ORA ($04),Y
$18D3 15 04  ORA $04,X
$18D5      .byte $1A,$04
$18D7 18     CLC
$18D8      .byte $04,$17,$04,$13,$04
$18DD 11 06  ORA ($06),Y
$18DF      .byte $13,$02
$18E1 10 08  BPL L_BRS_($18EB)_($18E1) OK
$18E3      .byte $13
$18E4 08     PHP
$18E5 18     CLC
$18E6 08     PHP
$18E7      .byte $0C
$18E8 06 0E  ASL $0E
$18EA      .byte $02
//-----
L_BRS_($18EB)_($18E1) OK
//-----
$18EB 10 08  BPL L_BRS_($18F5)_($18EB) OK
$18ED 10 08  BPL L_BRS_($18F7)_($18ED) BAD
$18EF 10 08  BPL L_BRS_($18F9)_($18EF) JAM

```

```
$18F1 0E 06 0C ASL $0C06
$18F4      .byte $02
//-----
L_BRS_($18F5)_($18EB) OK
L_BRS_($18F7)_($18ED) BAD
//-----
$18F5 0D 04 11 ORA $1104
//-----
L_BRS_($18F9)_($18EF) JAM
//-----
$18F8      .byte $04,$0F,$04,$0C,$04
$18FD 0D 10 0C ORA $0C10
$1900 08    PHP
$1901      .byte $0B
$1902 08    PHP
$1903      .byte $0C
$1904 08    PHP
$1905      .byte $0B
$1906 08    PHP
$1907      .byte $0C
$1908 08    PHP
$1909      .byte $0B
$190A 08    PHP
$190B      .byte $0C,$04,$0B,$04,$0C
$1910 08    PHP
$1911 0A    ASL A
$1912 08    PHP
$1913 0E 06 0C ASL $0C06
$1916      .byte $02
```

\$1917 0E 08 0A ASL \$0A08
\$191A 08 PHP
\$191B 09 08 ORA # \$08
\$191D .byte \$0C,\$04,\$0B,\$04,\$0C
\$1922 08 PHP
\$1923 09 08 ORA # \$08
\$1925 0A ASL A
\$1926 08 PHP
\$1927 0E 06 0C ASL \$0C06
\$192A .byte \$02
\$192B 0E 08 0A ASL \$0A08
\$192E 08 PHP
\$192F 08 PHP
\$1930 .byte \$04,\$03,\$04
\$1933 08 PHP
\$1934 .byte \$04
\$1935 0A ASL A
\$1936 .byte \$04
\$1937 08 PHP
\$1938 08 PHP
\$1939 .byte \$07
\$193A 08 PHP
\$193B 0A ASL A
\$193C 08 PHP
\$193D 0E 06 0C ASL \$0C06
\$1940 .byte \$02
\$1941 0E 08 0A ASL \$0A08
\$1944 08 PHP
\$1945 09 08 ORA # \$08

\$1947 .byte \$0C
\$1948 08 PHP
\$1949 .byte \$0B
\$194A 08 PHP
\$194B .byte \$0C,\$04
\$194D 09 04 ORA #\$04
\$194F .byte \$07,\$0C,\$13,\$0C,\$07
\$1954 08 PHP
\$1955 .byte \$0C,\$04
\$1957 0E 02 0F ASL \$0F02
\$195A .byte \$02
\$195B 11 02 ORA (\$02),Y
\$195D .byte \$13,\$02
\$195F 15 02 ORA \$02,X
\$1961 .byte \$17,\$02
\$1963 18 CLC
\$1964 08 PHP
\$1965 .byte \$0C
\$1966 08 PHP
\$1967 .byte \$07,\$0C,\$13,\$0C,\$07
\$196C 08 PHP
\$196D .byte \$0C,\$04
\$196F 0E 02 0F ASL \$0F02
\$1972 .byte \$02
\$1973 11 02 ORA (\$02),Y
\$1975 .byte \$13,\$02
\$1977 15 02 ORA \$02,X
\$1979 .byte \$17,\$02
\$197B 18 CLC

```
$197C 08    PHP
$197D      .byte $0C
$197E 08    PHP
$197F      .byte $07,$0C,$13,$0C,$07
$1984 08    PHP
$1985 05 0C  ORA $0C
$1987 11 0C  ORA ($0C),Y
$1989 05 08  ORA $08
$198B      .byte $0C
$198C 08    PHP
$198D 10 04  BPL L_BRS_($1993)_($198D) JAM
$198F 0E 04 10 ASL $1004
$1992 08    PHP
//-----
L_BRS_($1993)_($198D) JAM
//-----
$1993      .byte $13,$02
$1995 10 04  BPL L_BRS_($199B)_($1995) JAM
$1997      .byte $13,$02
$1999 18    CLC
$199A 08    PHP
//-----
L_BRS_($199B)_($1995) JAM
//-----
$199B      .byte $0C,$02,$0C,$02,$0C,$02,$0C,$02
$19A3      .byte $0C
$19A4 08    PHP
$19A5      .byte $00
$19A6 08    PHP
```

\$19A7 94 B3 STY \$B3,X
\$19A9 .byte \$04
\$19AA 95 01 STA \$01,X
\$19AC 18 CLC
\$19AD .byte \$5F
\$19AE 18 CLC
\$19AF .byte \$FF,\$B3,\$04
\$19B2 8E 10 46 STX \$4610
\$19B5 .byte \$34
\$19B6 06 35 ASL \$35
\$19B8 .byte \$02,\$37,\$04,\$3C,\$14,\$32
\$19BE 06 34 ASL \$34
\$19C0 .byte \$02
\$19C1 35 18 AND \$18,X
\$19C3 35 06 AND \$06,X
\$19C5 .byte \$37,\$02
\$19C7 39 04 41 AND \$4104,Y
\$19CA .byte \$14
\$19CB 39 06 3B AND \$3B06,Y
\$19CE .byte \$02,\$3C
\$19D0 08 PHP
\$19D1 3E 08 40 ROL \$4008,X
\$19D4 08 PHP
\$19D5 .byte \$34
\$19D6 06 35 ASL \$35
\$19D8 .byte \$02,\$37,\$04,\$3C,\$14
\$19DD 3E 06 40 ROL \$4006,X
\$19E0 .byte \$02
\$19E1 41 18 EOR (\$18,X)


```
$19E3    .byte $37
$19E4 06 37  ASL $37
$19E6    .byte $02
$19E7 40    RTI
//-----
$19E8 08    PHP
$19E9 3E 06 37 ROL $3706,X
$19EC    .byte $02
$19ED 40    RTI
//-----
$19EE 08    PHP
$19EF 3E 06 37 ROL $3706,X
$19F2    .byte $02
$19F3 40    RTI
//-----
$19F4 08    PHP
$19F5 3E 06 37 ROL $3706,X
$19F8    .byte $02
$19F9 40    RTI
//-----
$19FA    .byte $04
$19FB 3E 04 34 ROL $3404,X
$19FE 06 35  ASL $35
$1A00    .byte $02,$37,$04,$3C,$14,$32
$1A06 06 34  ASL $34
$1A08    .byte $02
$1A09 35 18  AND $18,X
$1A0B 35 06  AND $06,X
$1A0D    .byte $37,$02
```

```
$1A0F 39 04 41 AND $4104,Y
$1A12      .byte $14
$1A13 39 06 3B AND $3B06,Y
$1A16      .byte $02,$3C
$1A18 08    PHP
$1A19 3E 08 40 ROL $4008,X
$1A1C 08    PHP
$1A1D      .byte $34
$1A1E 06 35 ASL $35
$1A20      .byte $02,$37,$04,$3C,$14
$1A25 3E 06 40 ROL $4006,X
$1A28      .byte $02
$1A29 41 18 EOR ($18,X)
$1A2B      .byte $37
$1A2C 06 37 ASL $37
$1A2E      .byte $02
$1A2F 40    RTI
//-----
$1A30 08    PHP
$1A31 3E 06 37 ROL $3706,X
$1A34      .byte $02
$1A35 40    RTI
//-----
$1A36 08    PHP
$1A37 3E 06 37 ROL $3706,X
$1A3A      .byte $02
$1A3B 40    RTI
//-----
$1A3C 08    PHP
```

```

$1A3D 3E 06 37 ROL $3706,X
$1A40      .byte $02
$1A41 40    RTI
//-----
$1A42      .byte $04
$1A43 3E 04 34 ROL $3404,X
$1A46 06 37  ASL $37
$1A48      .byte $02
$1A49 35 18  AND $18,X
$1A4B      .byte $32
$1A4C 06 35  ASL $35
$1A4E      .byte $02,$34,$04,$37,$04
$1A53 40    RTI
//-----
$1A54 10 34  BPL L_BRS_($1A8A)_($1A54) BAD
$1A56 06 37  ASL $37
$1A58      .byte $02
$1A59 35 18  AND $18,X
$1A5B      .byte $32
$1A5C 06 35  ASL $35
$1A5E      .byte $02,$33,$04,$32,$04
$1A63 30 10  BMI L_BRS_($1A75)_($1A63) BAD
$1A65      .byte $34
$1A66 06 37  ASL $37
$1A68      .byte $02
$1A69 35 18  AND $18,X
$1A6B      .byte $32
$1A6C 06 35  ASL $35
$1A6E      .byte $02,$34,$04,$37,$04

```

```
$1A73 40 RTI
//-----
L_BRS_($1A75)_($1A63) BAD
//-----
$1A74 10 3E BPL L_BRS_($1AB4)_($1A74) JAM
$1A76 .byte $04
$1A77 40 RTI
//-----
$1A78 .byte $04
$1A79 41 04 EOR ($04,X)
$1A7B .byte $3A,$02
$1A7D 39 02 3A AND $3A02,Y
$1A80 .byte $04
$1A81 41 04 EOR ($04,X)
$1A83 .byte $3A,$02
$1A85 39 02 3A AND $3A02,Y
$1A88 .byte $04
//-----
L_BRS_($1A8A)_($1A54) BAD
//-----
$1A89 41 04 EOR ($04,X)
$1A8B .byte $3F,$02
$1A8D 3E 02 3F ROL $3F02,X
$1A90 .byte $1C,$3C,$02,$3C,$02
$1A95 41 04 EOR ($04,X)
$1A97 .byte $3A,$02
$1A99 39 02 3A AND $3A02,Y
$1A9C .byte $04
$1A9D 41 04 EOR ($04,X)
```

```
$1A9F      .byte $3A,$02
$1AA1 39 02 3A AND $3A02,Y
$1AA4      .byte $04
$1AA5 41 04  EOR ($04,X)
$1AA7      .byte $3F,$02
$1AA9 3E 02 3F ROL $3F02,X
$1AAC      .byte $1C,$3C,$02,$3C,$02
$1AB1 41 04  EOR ($04,X)
//-----
L_BRS_($1AB4)_($1A74) JAM
//-----
$1AB3      .byte $3A,$02
$1AB5 39 02 3A AND $3A02,Y
$1AB8      .byte $04
$1AB9 41 04  EOR ($04,X)
$1ABB      .byte $3A,$02
$1ABD 39 02 3A AND $3A02,Y
$1AC0      .byte $04
$1AC1 41 04  EOR ($04,X)
$1AC3      .byte $3F,$02
$1AC5 3E 02 3F ROL $3F02,X
$1AC8      .byte $04
$1AC9 38     SEC
$1ACA      .byte $02,$37,$02
$1ACD 38     SEC
$1ACE      .byte $04,$3F,$04
$1AD1 38     SEC
$1AD2      .byte $02,$37,$02
$1AD5 38     SEC
```

```
$1AD6      .byte $04,$3F,$04,$3F,$02
$1ADB 41 02  EOR ($02,X)
$1ADD      .byte $43
$1ADE 20 48 08 JSR L_JSR_($0848)_($1ADE) BAD
$1AE1      .byte $3C,$02,$3C,$02,$3C,$02,$3C,$02
$1AE9      .byte $3C
$1AEA 08    PHP
$1AEB      .byte $00
$1AEC 08    PHP
$1AED      .byte $FF
$1AEE 38    SEC
$1AEF      .byte $02,$3C,$02,$3F,$02,$44
$1AF5 06 3C  ASL $3C
$1AF7 06 38  ASL $38
$1AF9 06 3C  ASL $3C
$1AFB      .byte $0C
$1AFC 38    SEC
$1AFD      .byte $02,$3C,$02,$3F,$02,$44
$1B03 06 3C  ASL $3C
$1B05 06 38  ASL $38
$1B07 06 3C  ASL $3C
$1B09      .byte $0C
$1B0A 38    SEC
$1B0B      .byte $02,$3C,$02,$3F,$02,$44
$1B11 06 3C  ASL $3C
$1B13 06 38  ASL $38
$1B15 06 33  ASL $33
$1B17      .byte $02,$37,$02,$3A,$02,$3F,$5A
$1B1E 2C 12 94 BIT $9412
```

```
$1B21      .byte $B3,$02
$1B23 8E 10 45 STX $4510
$1B26 95 01  STA $01,X
$1B28      .byte $00
$1B29 EE 1A FE INC $FE1A
$1B2C 20 06 20 JSR L_JSR_($2006)_($1B2C) BAD
$1B2F 06 20  ASL $20
$1B31 06 20  ASL $20
$1B33 06 20  ASL $20
$1B35 06 20  ASL $20
$1B37 06 20  ASL $20
$1B39 06 20  ASL $20
$1B3B 06 20  ASL $20
$1B3D 06 20  ASL $20
$1B3F 06 20  ASL $20
$1B41 06 20  ASL $20
$1B43 06 20  ASL $20
$1B45 06 20  ASL $20
$1B47 06 20  ASL $20
$1B49 06 20  ASL $20
$1B4B 06 1B  ASL $1B
$1B4D 06 1D  ASL $1D
$1B4F 06 1F  ASL $1F
$1B51 06 20  ASL $20
$1B53 06 22  ASL $22
$1B55 06 24  ASL $24
$1B57 06 26  ASL $26
$1B59 06 27  ASL $27
$1B5B 06 29  ASL $29
```

```
$1B5D 06 2B ASL $2B
$1B5F 06 2C ASL $2C
$1B61 06 2E ASL $2E
$1B63 06 30 ASL $30
$1B65 06 32 ASL $32
$1B67 06 33 ASL $33
$1B69 06 35 ASL $35
$1B6B 06 20 ASL $20
$1B6D .byte $12
$1B6E 94 B3 STY $B3,X
$1B70 .byte $02
$1B71 95 01 STA $01,X
$1B73 .byte $00
$1B74 2C 1B FE BIT $FE1B
$1B77 20 06 20 JSR L_JSR_($2006)_($1B77) BAD
$1B7A 06 20 ASL $20
$1B7C 06 20 ASL $20
$1B7E 06 20 ASL $20
$1B80 06 20 ASL $20
$1B82 06 20 ASL $20
$1B84 06 20 ASL $20
$1B86 06 20 ASL $20
$1B88 06 20 ASL $20
$1B8A 06 20 ASL $20
$1B8C 06 20 ASL $20
$1B8E 06 20 ASL $20
$1B90 06 20 ASL $20
$1B92 06 20 ASL $20
$1B94 06 20 ASL $20
```


\$1B96 06 1B ASL \$1B
\$1B98 06 1B ASL \$1B
\$1B9A 06 1B ASL \$1B
\$1B9C 06 1B ASL \$1B
\$1B9E 06 1B ASL \$1B
\$1BA0 06 1B ASL \$1B
\$1BA2 06 1B ASL \$1B
\$1BA4 06 1B ASL \$1B
\$1BA6 06 1B ASL \$1B
\$1BA8 06 1B ASL \$1B
\$1BAA 06 1B ASL \$1B
\$1BAC 06 1B ASL \$1B
\$1BAE 06 1B ASL \$1B
\$1BB0 06 1B ASL \$1B
\$1BB2 06 1B ASL \$1B
\$1BB4 06 1B ASL \$1B
\$1BB6 06 14 ASL \$14
\$1BB8 .byte \$12
\$1BB9 94 B3 STY \$B3,X
\$1BBB .byte \$04
\$1BBC 8E 10 46 STX \$4610
\$1BBF 95 01 STA \$01,X
\$1BC1 24 77 BIT \$77
\$1BC3 .byte \$1B
\$1BC4 FE 22 06 INC \$0622,X
\$1BC7 24 06 BIT \$06
\$1BC9 26 06 ROL \$06
\$1BCB .byte \$27
\$1BCC 06 1F ASL \$1F

```

$1BCE 24 2B BIT $2B
$1BD0 24 1F BIT $1F
$1BD2 18 CLC
$1BD3 1D 24 29 ORA $2924,X
$1BD6 24 1D BIT $1D
$1BD8 18 CLC
$1BD9 .byte $2B
$1BDA 60 RTS
//-----
$1BDB 30 18 BMI L_BRS_($1BF5)_($1BDB) JAM
$1BDD .byte $34
$1BDE 06 34 ASL $34
$1BE0 06 34 ASL $34
$1BE2 06 34 ASL $34
$1BE4 06 34 ASL $34
$1BE6 18 CLC
$1BE7 94 B3 STY $B3,X
$1BE9 .byte $04
$1BEA 8E 10 45 STX $4510
$1BED 95 01 STA $01,X
$1BEF .byte $0C
$1BF0 C5 1B CMP $1B
$1BF2 FE 0A 06 INC $060A,X
//-----
L_BRS_($1BF5)_($1BDB) JAM
//-----
$1BF5 .byte $0C
$1BF6 06 0E ASL $0E
$1BF8 06 0F ASL $0F

```

```
$1BFA 06 07 ASL $07
$1BFC 24 13 BIT $13
$1BFE 24 07 BIT $07
$1C00 18 CLC
$1C01 05 24 ORA $24
$1C03 11 24 ORA ($24),Y
$1C05 05 18 ORA $18
$1C07 .byte $0C
$1C08 18 CLC
$1C09 10 0C BPL L_BRS_($1C17)_($1C09) JAM
$1C0B 0E 0C 10 ASL $100C
$1C0E 18 CLC
$1C0F .byte $13
$1C10 06 10 ASL $10
$1C12 .byte $0C,$13
$1C14 06 18 ASL $18
$1C16 18 CLC
//-----
L_BRS_($1C17)_($1C09) JAM
//-----
$1C17 .byte $0C
$1C18 06 0C ASL $0C
$1C1A 06 0C ASL $0C
$1C1C 06 0C ASL $0C
$1C1E 06 0C ASL $0C
$1C20 18 CLC
$1C21 94 B3 STY $B3,X
$1C23 .byte $04
$1C24 95 01 STA $01,X
```

```
$1C26 18    CLC
$1C27      .byte $F3,$1B
$1C29 FE 3A 06 INC $063A,X
$1C2C      .byte $3C
$1C2D 06 3E  ASL $3E
$1C2F 06 3F  ASL $3F
$1C31 06 41  ASL $41
$1C33      .byte $0C,$3A
$1C35 06 39  ASL $39
$1C37 06 3A  ASL $3A
$1C39      .byte $0C
$1C3A 41 0C  EOR ($0C,X)
$1C3C      .byte $3A
$1C3D 06 39  ASL $39
$1C3F 06 3A  ASL $3A
$1C41      .byte $0C
$1C42 41 0C  EOR ($0C,X)
$1C44      .byte $3F
$1C45 06 3E  ASL $3E
$1C47 06 3F  ASL $3F
$1C49      .byte $0C
$1C4A 38    SEC
$1C4B 06 37  ASL $37
$1C4D 06 38  ASL $38
$1C4F      .byte $0C,$3F,$0C
$1C52 38    SEC
$1C53 06 37  ASL $37
$1C55 06 38  ASL $38
$1C57      .byte $0C,$3F,$0C,$3F
```

```

$1C5B 06 41 ASL $41
$1C5D 06 43 ASL $43
$1C5F 60 RTS
//-----
$1C60 48 PHA
$1C61 18 CLC
$1C62 .byte $3C
$1C63 06 3C ASL $3C
$1C65 06 3C ASL $3C
$1C67 06 3C ASL $3C
$1C69 06 3C ASL $3C
$1C6B 18 CLC
$1C6C 94 B3 STY $B3,X
$1C6E .byte $04
$1C6F 8E 10 46 STX $4610
$1C72 95 01 STA $01,X
$1C74 .byte $00
$1C75 2A ROL A
$1C76 .byte $1C
//-----
L_JMP_($1C78)_($1000) BAD
L_JSR_($1C78)_($1083) BAD
//-----
$1C77 FE AA 8D INC $8DAA,X
$1C7A 09 13 ORA #$13
$1C7C BC 2D 15 LDY $152D,X
$1C7F A2 00 LDX #$00
//-----
L_BRS_($1C81)_($1C8B) OK

```

//-----

\$1C81 B9 93 15 LDA \$1593,Y
\$1C84 9D 13 13 STA \$1313,X
\$1C87 E8 INX
\$1C88 C8 INY
\$1C89 E0 06 CPX #06
\$1C8B D0 F4 BNE L_BRS_(\$1C81)_(\$1C8B) OK
\$1C8D AD 13 13 LDA \$1313
\$1C90 85 A7 STA \$A7
\$1C92 AD 16 13 LDA \$1316
\$1C95 85 A8 STA \$A8
\$1C97 AE 09 13 LDX \$1309
\$1C9A BC 39 15 LDY \$1539,X
\$1C9D B9 3F 15 LDA \$153F,Y
\$1CA0 8D 05 D4 STA \$D405
\$1CA3 B9 40 15 LDA \$1540,Y
\$1CA6 8D 06 D4 STA \$D406
\$1CA9 B9 41 15 LDA \$1541,Y
\$1CAC 8D 0C D4 STA \$D40C
\$1CAF B9 42 15 LDA \$1542,Y
\$1CB2 8D 0D D4 STA \$D40D
\$1CB5 B9 43 15 LDA \$1543,Y
\$1CB8 8D 13 D4 STA \$D413
\$1CBB B9 44 15 LDA \$1544,Y
\$1CBE 8D 14 D4 STA \$D414
\$1CC1 B9 45 15 LDA \$1545,Y
\$1CC4 8D 0A 13 STA \$130A
\$1CC7 B9 46 15 LDA \$1546,Y
\$1CCA 8D 64 13 STA \$1364

```
$1CCD B9 47 15 LDA $1547,Y
$1CD0 8D 65 13 STA $1365
$1CD3 B9 48 15 LDA $1548,Y
$1CD6 8D 66 13 STA $1366
$1CD9 AE 09 13 LDX $1309
$1CDC BC 33 15 LDY $1533,X
$1CDF A2 00 LDX # $00
//-----
L_BRS_($1CE1)_($1CEB) OK
//-----
$1CE1 B9 5D 15 LDA $155D,Y
$1CE4 9D 8D 13 STA $138D,X
$1CE7 C8 INY
$1CE8 E8 INX
$1CE9 E0 12 CPX # $12
$1CEB D0 F4 BNE L_BRS_($1CE1)_($1CEB) OK
$1CED A9 01 LDA # $01
$1CEF 8D 67 13 STA $1367
$1CF2 A9 02 LDA # $02
$1CF4 8D 68 13 STA $1368
$1CF7 A9 03 LDA # $03
$1CF9 8D 69 13 STA $1369
$1CFC A2 02 LDX # $02
//-----
L_BRS_($1CFE)_($1D38) OK
//-----
$1CFE A9 00 LDA # $00
$1D00 9D C7 13 STA $13C7,X
$1D03 9D A9 13 STA $13A9,X
```

\$1D06 BD 8D 13 LDA \$138D,X
\$1D09 9D 8A 13 STA \$138A,X
\$1D0C A9 00 LDA #\$00
\$1D0E 9D 49 13 STA \$1349,X
\$1D11 9D DF 13 STA \$13DF,X
\$1D14 9D 73 13 STA \$1373,X
\$1D17 9D 76 13 STA \$1376,X
\$1D1A 9D 79 13 STA \$1379,X
\$1D1D 9D D3 13 STA \$13D3,X
\$1D20 9D DC 13 STA \$13DC,X
\$1D23 9D 3D 13 STA \$133D,X
\$1D26 9D B2 13 STA \$13B2,X
\$1D29 9D 84 13 STA \$1384,X
\$1D2C 9D 19 13 STA \$1319,X
\$1D2F A9 FF LDA #\$FF
\$1D31 9D D6 13 STA \$13D6,X
\$1D34 9D F3 13 STA \$13F3,X
\$1D37 CA DEX
\$1D38 10 C4 BPL L_BRS_(\$1CFE)_(\$1D38) OK
\$1D3A A9 80 LDA #\$80
\$1D3C 8D 05 13 STA \$1305
\$1D3F A9 00 LDA #\$00
\$1D41 8D 03 13 STA \$1303
\$1D44 A9 0F LDA #\$0F
\$1D46 8D 01 13 STA \$1301
\$1D49 8D 18 D4 STA \$D418
\$1D4C A9 DF LDA #\$DF
\$1D4E 8D 15 D4 STA \$D415
\$1D51 A9 50 LDA #\$50


```

$1D53 8D 16 D4 STA $D416
$1D56 A9 F0 LDA #$F0
$1D58 8D 17 D4 STA $D417
$1D5B 60 RTS
//-----
L_JMP_($1D5C)_($1006) OK
//-----
$1D5C A9 20 LDA #$20
$1D5E 8D 05 13 STA $1305
$1D61 60 RTS
//-----
$1D62 .byte $00,$00,$00
$1D65 28 PLP
$1D66 .byte $00,$00,$0F,$00,$00,$1F,$00,$00
$1D6E 38 SEC
$1D6F .byte $00,$00,$1F,$00,$00,$47,$42
$1D76 46 45 LSR $45
$1D78 5E 5F 47 LSR $475F,X
//-----
L_BRS_($1D7C)_($1D7B) BAD
//-----
$1D7B 30 FF BMI L_BRS_($1D7C)_($1D7B) BAD
$1D7D 11 81 ORA ($81),Y
$1D7F 10 10 BPL L_BRS_($1D91)_($1D7F) BAD
$1D81 .byte $80,$80,$80,$80,$42,$42,$42,$42
$1D89 .byte $42,$42
$1D8B 30 16 BMI L_BRS_($1DA3)_($1D8B) OK
$1D8D .byte $FF
$1D8E 81 81 STA ($81,X)

```

```

//-----
L_BRS_($1D91)_($1D7F) BAD
//-----
$1D90 81 81  STA ($81,X)
$1D92 81 80  STA ($80,X)
$1D94      .byte $80,$80
$1D96 18    CLC
$1D97 24 1F  BIT $1F
$1D99      .byte $1C
$1D9A 18    CLC
$1D9B 24 1F  BIT $1F
$1D9D      .byte $1C,$FF
$1D9F 41 21  EOR ($21,X)
$1DA1 41 21  EOR ($21,X)
//-----
L_BRS_($1DA3)_($1D8B) OK
//-----
$1DA3 40    RTI
//-----
$1DA4 20 40 20 JSR L_JSR_($2040)_($1DA4) OK
$1DA7      .byte $32
$1DA8 49 26  EOR #$26
$1DAA      .byte $37,$42,$34,$3C
//-----
L_BRS_($1DAF)_($1DAE) BAD
//-----
$1DAE 30 FF  BMI L_BRS_($1DAF)_($1DAE) BAD
$1DB0 11 81  ORA ($81),Y
$1DB2 41 08  EOR ($08,X)

```

```

$1DB4      .byte $80,$80,$80,$80,$33
$1DB9 40    RTI
//-----
$1DBA 20 35 42 JSR L_JSR_($4235)_($1DBA) OK
$1DBD      .byte $34,$42
//-----
L_BRS_($1DC0)_($1DBF) BAD
//-----
$1DBF 30 FF  BMI L_BRS_($1DC0)_($1DBF) BAD
$1DC1 11 81  ORA ($81),Y
$1DC3 11 10  ORA ($10),Y
$1DC5      .byte $80,$80,$80,$80,$2F
$1DCA 40    RTI
//-----
$1DCB 2D 28 40 AND $4028
$1DCE      .byte $32
$1DCF 40    RTI
//-----
L_BRS_($1DD1)_($1DD0) BAD
//-----
$1DD0 30 FF  BMI L_BRS_($1DD1)_($1DD0) BAD
$1DD2 41 81  EOR ($81,X)
$1DD4 11 20  ORA ($20),Y
$1DD6      .byte $80,$80,$80,$80,$17
$1DDB 46 3C  LSR $3C
$1DDD      .byte $3B,$3A
$1DDF 39 38 37 AND $3738,Y
$1DE2 36 35  ROL $35,X
$1DE4      .byte $34,$33,$32

```

```

$1DE7 31 30  AND ($30),Y
$1DE9      .byte $2F
$1DEA 2E 2D 2C  ROL $2C2D
$1DED      .byte $2B
$1DEE 2A      ROL A
$1DEF 29 28  AND #$28
$1DF1      .byte $27
$1DF2 26 25  ROL $25
$1DF4 24 23  BIT $23
$1DF6      .byte $22
$1DF7 21 20  AND ($20,X)
$1DF9      .byte $1F,$FF
$1DFB 81 81  STA ($81,X)
$1DFD 81 81  STA ($81,X)
$1DFF 81 81  STA ($81,X)
$1E01 81 81  STA ($81,X)
$1E03 81 81  STA ($81,X)
$1E05 81 81  STA ($81,X)
$1E07 81 81  STA ($81,X)
$1E09 81 80  STA ($80,X)
$1E0B      .byte $80,$80,$80,$80,$80,$80,$80,$80
$1E13      .byte $80,$80,$80,$80,$80,$80,$80,$80
$1E1B      .byte $17
//-----
L_BRS_($1E1D)_($1E9B) BAD
//-----
$1E1C 46 3C  LSR $3C
//-----
L_JSR_($1E1F)_($9D2E) JAM

```

```

//-----
$1E1E      .byte $3B,$3A
//-----
L_BRS_($1E21)_($1E9F) BAD
//-----
$1E20 39 38 37 AND $3738,Y
$1E23 36 35  ROL $35,X
//-----
L_BRS_($1E25)_($1EA3) JAM
//-----
$1E25      .byte $34,$33,$32
$1E28 31 30  AND ($30),Y
$1E2A      .byte $2F
$1E2B 2E 2D 2C ROL $2C2D
$1E2E      .byte $2B
$1E2F 2A    ROL A
$1E30 29 28  AND #28
$1E32      .byte $27
$1E33 20 48 41 JSR L_JSR_($4148)_($1E33) BAD
$1E36 30 3E  BMI L_BRS_($1E76)_($1E36) BAD
$1E38 30 3E  BMI L_BRS_($1E78)_($1E38) JAM
$1E3A 30 3E  BMI L_BRS_($1E7A)_($1E3A) JAM
$1E3C 30 3E  BMI L_BRS_($1E7C)_($1E3C) JAM
$1E3E      .byte $FF
$1E3F 81 81  STA ($81,X)
$1E41 81 81  STA ($81,X)
$1E43 81 81  STA ($81,X)
$1E45 81 81  STA ($81,X)
$1E47 81 81  STA ($81,X)

```

```

$1E49 81 81 STA ($81,X)
$1E4B 81 81 STA ($81,X)
$1E4D 81 81 STA ($81,X)
$1E4F 81 81 STA ($81,X)
$1E51 81 81 STA ($81,X)
$1E53 81 81 STA ($81,X)
$1E55 81 81 STA ($81,X)
$1E57 41 81 EOR ($81,X)
$1E59      .byte $80,$80,$80,$80,$80,$80,$80,$80
$1E61      .byte $80,$3A
$1E63 39 3A 39 AND $393A,Y
$1E66      .byte $3A
$1E67 39 3A 39 AND $393A,Y
$1E6A      .byte $37
$1E6B 36 37 ROL $37,X
$1E6D 36 37 ROL $37,X
$1E6F 36 37 ROL $37,X
$1E71 36 FF ROL $FF,X
$1E73 81 81 STA ($81,X)
//-----
L_BRS_($1E76)_($1E36) BAD
//-----
$1E75 81 81 STA ($81,X)
//-----
L_BRS_($1E78)_($1E38) JAM
L_BRS_($1E7A)_($1E3A) JAM
L_BRS_($1E7C)_($1E3C) JAM
//-----
$1E77      .byte $80,$80,$80,$80,$80,$80,$80,$80

```

```
$1E7F      .byte $80,$80,$80,$80
$1E83 30 30  BMI L_BRS_($1EB5)_($1E83) BAD
$1E85 30 2F  BMI L_BRS_($1EB6)_($1E85) JAM
$1E87 30 2D  BMI L_BRS_($1EB6)_($1E87) JAM
$1E89 30 2B  BMI L_BRS_($1EB6)_($1E89) JAM
$1E8B 30 29  BMI L_BRS_($1EB6)_($1E8B) JAM
$1E8D 30 28  BMI L_BRS_($1EB7)_($1E8D) OK
$1E8F 30 26  BMI L_BRS_($1EB7)_($1E8F) OK
$1E91 30 24  BMI L_BRS_($1EB7)_($1E91) OK
//-----
L_BRS_($1E94)_($1E93) BAD
//-----
$1E93 30 FF  BMI L_BRS_($1E94)_($1E93) BAD
$1E95 41 81  EOR ($81,X)
$1E97 51 81  EOR ($81),Y
$1E99 40     RTI
//-----
$1E9A      .byte $80
$1E9B 50 80  BVC L_BRS_($1E1D)_($1E9B) BAD
$1E9D 40     RTI
//-----
$1E9E      .byte $80
$1E9F 50 80  BVC L_BRS_($1E21)_($1E9F) BAD
$1EA1 40     RTI
//-----
$1EA2      .byte $80
$1EA3 50 80  BVC L_BRS_($1E25)_($1EA3) JAM
$1EA5 40     RTI
//-----
```

```

$1EA6      .byte $3C,$3A
$1EA8 38    SEC
$1EA9 36 34  ROL $34,X
$1EAB      .byte $32
$1EAC 30 2E  BMI L_BRS_($1EDC)_($1EAC) JAM
$1EAE 2C 2A 32 BIT $322A
$1EB1 26 38  ROL $38
$1EB3 38    SEC
//-----
L_BRS_($1EB5)_($1E83) BAD
//-----
$1EB4 24 38  BIT $38
//-----
L_BRS_($1EB6)_($1E85) JAM
L_BRS_($1EB6)_($1E87) JAM
L_BRS_($1EB6)_($1E89) JAM
L_BRS_($1EB6)_($1E8B) JAM
//-----
$1EB6      .byte $FF
//-----
L_BRS_($1EB7)_($1E8D) OK
L_BRS_($1EB7)_($1E8F) OK
L_BRS_($1EB7)_($1E91) OK
//-----
$1EB7 81 81  STA ($81,X)
$1EB9 81 81  STA ($81,X)
$1EBB      .byte $80,$80,$80,$80
$1EBF 20 80 20 JSR L_JSR_($2080)_($1EBF) BAD
$1EC2      .byte $80

```



```

$1EC3 20 80 20 JSR L_JSR_($2080)_($1EC3) BAD
$1EC6      .byte $80
$1EC7 30 2F  BMI L_BRS_($1EF8)_($1EC7) BAD
$1EC9      .byte $32,$FF
$1ECB 21 21  AND ($21,X)
$1ECD 10 3A  BPL L_BRS_($1F09)_($1ECD) OK
$1ECF      .byte $3B,$3C,$3C,$3C,$3C,$3C,$3C,$3A
//-----
L_BRS_($1EDC)_($1EAC) JAM
//-----
$1ED7      .byte $3B,$3C,$3C,$3C,$3C,$3C,$3C,$3A
$1EDF      .byte $3B,$3C,$3C,$3C,$3C,$3C,$3C,$3A
$1EE7      .byte $3B,$3C,$3C,$3C,$3C,$3C,$3C,$FF
$1EEF 11 11  ORA ($11),Y
$1EF1 11 11  ORA ($11),Y
$1EF3 11 11  ORA ($11),Y
$1EF5 11 11  ORA ($11),Y
//-----
L_BRS_($1EF8)_($1EC7) BAD
//-----
$1EF7 11 11  ORA ($11),Y
$1EF9 11 11  ORA ($11),Y
$1EFB 11 11  ORA ($11),Y
$1EFD 11 11  ORA ($11),Y
$1EFF 11 11  ORA ($11),Y
$1F01 11 11  ORA ($11),Y
$1F03 11 11  ORA ($11),Y
$1F05 11 11  ORA ($11),Y
$1F07 11 11  ORA ($11),Y

```

```

//-----
L_BRS_($1F09)_($1ECD) OK
//-----
$1F09 11 11  ORA ($11),Y
$1F0B 11 11  ORA ($11),Y
$1F0D 11 10  ORA ($10),Y
$1F0F 30 3C  BMI L_BRS_($1F4D)_($1F0F) BAD
$1F11 2C 28 1E BIT $1E28
$1F14      .byte $32,$3C
$1F16 2E 2A 20 ROL $202A
$1F19      .byte $34,$3C
$1F1B 30 2C  BMI L_BRS_($1F49)_($1F1B) OK
$1F1D      .byte $22
$1F1E 36 3C  ROL $3C,X
$1F20      .byte $32
$1F21 2E 24 38 ROL $3824
$1F24      .byte $3C,$34
$1F26 30 26  BMI L_BRS_($1F4E)_($1F26) OK
$1F28      .byte $3A,$3C
$1F2A 36 32  ROL $32,X
$1F2C 28     PLP
$1F2D      .byte $3C,$3C
$1F2F 38     SEC
$1F30      .byte $34
$1F31 2A     ROL A
$1F32 3E 3C 3A ROL $3A3C,X
$1F35 36 2C  ROL $2C,X
$1F37      .byte $FF
$1F38 41 81  EOR ($81,X)

```

```
$1F3A 40 RTI
//-----
$1F3B 40 RTI
//-----
$1F3C .byte $00
$1F3D 41 81 EOR ($81,X)
$1F3F 40 RTI
//-----
$1F40 40 RTI
//-----
$1F41 .byte $00
$1F42 41 81 EOR ($81,X)
$1F44 40 RTI
//-----
$1F45 40 RTI
//-----
$1F46 .byte $00
$1F47 41 81 EOR ($81,X)
//-----
L_BRS_($1F49)_($1F1B) OK
//-----
$1F49 40 RTI
//-----
$1F4A 40 RTI
//-----
$1F4B .byte $00
//-----
L_BRS_($1F4D)_($1F0F) BAD
//-----
```

```
$1F4C 41 81  EOR ($81,X)
//-----
L_BRS_($1F4E)_($1F26) OK
//-----
$1F4E 40    RTI
//-----
$1F4F 40    RTI
//-----
$1F50      .byte $00
$1F51 41 81  EOR ($81,X)
$1F53 40    RTI
//-----
$1F54 40    RTI
//-----
$1F55      .byte $00
$1F56 41 81  EOR ($81,X)
$1F58 40    RTI
//-----
$1F59 40    RTI
//-----
$1F5A      .byte $00
$1F5B 41 81  EOR ($81,X)
$1F5D 40    RTI
//-----
$1F5E 40    RTI
//-----
$1F5F      .byte $00,$3C
$1F61 30 37  BMI L_BRS_($1F9A)_($1F61) OK
$1F63      .byte $33
```

```

$1F64 30 37 BMI L_BRS_($1F9D)_($1F64) OK
$1F66 29 30 AND #$30
$1F68      .byte $FF
$1F69 41 21 EOR ($21,X)
$1F6B 41 21 EOR ($21,X)
$1F6D 40    RTI
//-----
$1F6E 20 40 20 JSR L_JSR_($2040)_($1F6E) OK
$1F71 20 21 22 JSR L_JSR_($2221)_($1F71) OK
$1F74      .byte $23
$1F75 24 25 BIT $25
$1F77 25 FF AND $FF
$1F79 21 21 AND ($21,X)
$1F7B 21 21 AND ($21,X)
$1F7D 20 20 20 JSR $2020
$1F80      .byte $80,$80,$80,$80,$80,$80,$80,$80
$1F88      .byte $80,$80,$80,$80,$80,$80,$80,$80
$1F90 18    CLC
$1F91 18    CLC
$1F92 18    CLC
$1F93 18    CLC
$1F94      .byte $FF
$1F95 21 11 AND ($11,X)
$1F97 20 10 50 JSR L_JSR_($5010)_($1F97) BAD
//-----
L_BRS_($1F9A)_($1F61) OK
//-----
$1F9A 4E 4C 4A LSR $4A4C
//-----

```

```

L_BRS_($1F9D)_($1F64) OK
//-----
$1F9D 48   PHA
$1F9E     .byte $3C,$3A
$1FA0 38   SEC
$1FA1 36 34  ROL $34,X
$1FA3     .byte $32
$1FA4 30 32  BMI L_BRS_($1FD8)_($1FA4) BAD
$1FA6     .byte $32,$14,$5A,$14
$1FAA 50 14  BVC L_BRS_($1FC0)_($1FAA) OK
$1FAC     .byte $5A,$13
$1FAE 50 13  BVC L_BRS_($1FC3)_($1FAE) BAD
$1FB0     .byte $5A,$12
$1FB2 50 11  BVC L_BRS_($1FC5)_($1FB2) JAM
$1FB4     .byte $5A,$0F
//-----
L_BRS_($1FB7)_($1FB6) BAD
//-----
$1FB6 50 FF  BVC L_BRS_($1FB7)_($1FB6) BAD
$1FB8 81 81  STA ($81,X)
$1FBA 81 81  STA ($81,X)
$1FBC 81 81  STA ($81,X)
$1FBE 81 81  STA ($81,X)
//-----
L_BRS_($1FC0)_($1FAA) OK
//-----
$1FC0 81 81  STA ($81,X)
//-----
L_BRS_($1FC3)_($1FAE) BAD

```

```
//-----
$1FC2 81 81 STA ($81,X)
$1FC4 40 RTI
//-----
L_BRS_($1FC5)_($1FB2) JAM
//-----
$1FC5 .byte $80
$1FC6 40 RTI
//-----
$1FC7 .byte $80
$1FC8 40 RTI
//-----
$1FC9 .byte $80
$1FCA 40 RTI
//-----
$1FCB .byte $80
$1FCC 40 RTI
//-----
$1FCD .byte $80
$1FCE 40 RTI
//-----
$1FCF .byte $80
$1FD0 40 RTI
//-----
$1FD1 .byte $80
$1FD2 40 RTI
//-----
$1FD3 .byte $80
$1FD4 40 RTI
```

```
//-----  
$1FD5      .byte $80,$0C  
  
//-----  
L_BRS_($1FD8)_($1FA4) BAD  
  
//-----  
$1FD7 10 13  BPL L_BRS_($1FEC)_($1FD7) BAD  
$1FD9      .byte $17,$1A  
$1FDB 1D 21 24  ORA $2421,X  
$1FDE 28     PLP  
$1FDF      .byte $2B,$2F,$32  
$1FE2 35 39  AND $39,X  
$1FE4      .byte $3C  
$1FE5 40     RTI  
  
//-----  
$1FE6      .byte $43,$47,$FF  
$1FE9 41 41  EOR ($41,X)  
  
//-----  
L_BRS_($1FEC)_($1FD7) BAD  
  
//-----  
$1FEB 41 41  EOR ($41,X)  
$1FED 41 41  EOR ($41,X)  
$1FEF 41 41  EOR ($41,X)  
$1FF1 41 41  EOR ($41,X)  
$1FF3 41 41  EOR ($41,X)  
$1FF5 41 41  EOR ($41,X)  
$1FF7 41 41  EOR ($41,X)  
$1FF9 40     RTI  
  
//-----  
$1FFA      .byte $00
```



```
$1FFB 06 06 ASL $06
$1FFD .byte $0C,$07,$07
$2000 09 09 ORA # $09
$2002 0E 09 08 ASL $0809
//-----
L_JSR_($2006)_($1B2C) BAD
L_JSR_($2006)_($1B77) BAD
//-----
$2005 09 09 ORA # $09
$2007 0E 07 09 ASL $0907
$200A .byte $04
$200B 06 0A ASL $0A
$200D 0E 08 06 ASL $0608
$2010 C8 INY
$2011 .byte $97,$97,$F8,$FA
$2015 08 PHP
$2016 09 08 ORA # $08
$2018 49 02 EOR # $02
$201A .byte $02,$07
$201C 08 PHP
$201D 48 PHA
$201E 06 09 ASL $09
$2020 0E 74 1D ASL $1D74
$2023 7D 1D 85 ADC $851D,X
$2026 1D 8E 1D ORA $1D8E,X
//-----
L_JSR_($2029)_($17D1) OK
L_JSR_($2029)_($1827) OK
//-----
```

```
$2029 96 1D STX $1D,Y
$202B .byte $9F
$202C 1D A7 1D ORA $1DA7,X
$202F B0 1D BCS L_BRS_($204E)_($202F) BAD
$2031 .byte $B8
$2032 1D C1 1D ORA $1DC1,X
$2035 C9 1D CMP #$1D
$2037 .byte $D2
$2038 1D DA 1D ORA $1DDA,X
$203B .byte $FB
$203C 1D 1B 1E ORA $1E1B,X
$203F .byte $3F
//-----
L_JSR_($2040)_($1DA4) OK
L_JSR_($2040)_($1F6E) OK
//-----
$2040 1E 62 1E ASL $1E62,X
$2043 .byte $73
$2044 1E 83 1E ASL $1E83,X
$2047 95 1E STA $1E,X
$2049 A6 1E LDX $1E
$204B .byte $B7
//-----
L_BRS_($204E)_($202F) BAD
L_JMP_($204D)_($9A5A) BAD
//-----
$204C 1E C7 1E ASL $1EC7,X
$204F .byte $CB
$2050 1E CE 1E ASL $1ECE,X
```

```

$2053      .byte $EF
$2054 1E 0F 1F ASL $1F0F,X
$2057 38     SEC
$2058      .byte $1F
$2059 60     RTS
//-----
$205A      .byte $1F
$205B 69 1F  ADC #$1F
$205D 71 1F  ADC ($1F),Y
$205F 79 1F 90 ADC $901F,Y
$2062      .byte $1F
$2063 95 1F  STA $1F,X
$2065 99 1F B8 STA $B81F,Y
$2068      .byte $1F
$2069 D6 1F  DEC $1F,X
$206B E9 1F  SBC #$1F
//-----
L_JMP_($206D)_($101E) OK
//-----
$206D A2 02  LDX #$02
//-----
L_BRS_($206F)_($20BE) OK
//-----
$206F BD 62 1D LDA $1D62,X
$2072 F0 49  BEQ L_BRS_($20BD)_($2072) OK
$2074 BD 68 1D LDA $1D68,X
$2077 85 A7  STA $A7
$2079 BD 6B 1D LDA $1D6B,X
$207C 85 A8  STA $A8

```

```
//-----  
L_JSR_($2080)_($1EBF) BAD  
L_JSR_($2080)_($1EC3) BAD  
//-----  
$207E BD 6E 1D LDA $1D6E,X  
$2081 85 A9 STA $A9  
$2083 BD 71 1D LDA $1D71,X  
$2086 85 AA STA $AA  
$2088 8A TXA  
$2089 48 PHA  
$208A BC 65 1D LDY $1D65,X  
$208D B1 A7 LDA ($A7),Y  
$208F C9 FF CMP #$FF  
$2091 F0 24 BEQ L_BRS_($20B7)_($2091) OK  
$2093 BC 06 13 LDY $1306,X  
$2096 0A ASL A  
$2097 AA TAX  
$2098 BD 6D 14 LDA $146D,X  
$209B 99 00 D4 STA $D400,Y  
$209E BD 6E 14 LDA $146E,X  
$20A1 99 01 D4 STA $D401,Y  
$20A4 68 PLA  
$20A5 AA TAX  
$20A6 BC 65 1D LDY $1D65,X  
$20A9 B1 A9 LDA ($A9),Y  
$20AB BC 06 13 LDY $1306,X  
$20AE 99 04 D4 STA $D404,Y  
$20B1 FE 65 1D INC $1D65,X  
$20B4 4C BD 20 JMP L_JMP_($20BD)_($20B4) OK
```

```

//-----
L_BRS_($20B7)_($2091) OK
//-----
$20B7 68    PLA
$20B8 A9 00  LDA #$00
$20BA 9D 62 1D STA $1D62,X
//-----
L_BRS_($20BD)_($2072) OK
L_JMP_($20BD)_($20B4) OK
//-----
$20BD CA    DEX
$20BE 10 AF  BPL L_BRS_($206F)_($20BE) OK
$20C0 60    RTS
//-----
L_JMP_($20C1)_($1003) OK
//-----
$20C1 48    PHA
$20C2 48    PHA
$20C3 A2 00  LDX #$00
$20C5 BD 62 1D LDA $1D62,X
$20C8 F0 09  BEQ L_BRS_($20D3)_($20C8) OK
$20CA A2 01  LDX #$01
$20CC BD 62 1D LDA $1D62,X
$20CF F0 02  BEQ L_BRS_($20D3)_($20CF) OK
$20D1 A2 02  LDX #$02
//-----
L_BRS_($20D3)_($20C8) OK
L_BRS_($20D3)_($20CF) OK
//-----

```

\$20D3 68 PLA
\$20D4 0A ASL A
\$20D5 0A ASL A
\$20D6 A8 TAY
\$20D7 B9 21 20 LDA \$2021,Y
\$20DA 9D 68 1D STA \$1D68,X
\$20DD B9 22 20 LDA \$2022,Y
\$20E0 9D 6B 1D STA \$1D6B,X
\$20E3 B9 23 20 LDA \$2023,Y
\$20E6 9D 6E 1D STA \$1D6E,X
\$20E9 85 A9 STA \$A9
\$20EB B9 24 20 LDA \$2024,Y
\$20EE 9D 71 1D STA \$1D71,X
\$20F1 85 AA STA \$AA
\$20F3 A9 01 LDA # \$01
\$20F5 9D 62 1D STA \$1D62,X
\$20F8 A9 00 LDA # \$00
\$20FA 9D 65 1D STA \$1D65,X
\$20FD BC 06 13 LDY \$1306,X
\$2100 A9 00 LDA # \$00
\$2102 99 04 D4 STA \$D404,Y
\$2105 68 PLA
\$2106 AA TAX
\$2107 BD FB 1F LDA \$1FFB,X
\$210A 99 05 D4 STA \$D405,Y
\$210D BD 0E 20 LDA \$200E,X
\$2110 99 06 D4 STA \$D406,Y
\$2113 A9 08 LDA # \$08
\$2115 99 02 D4 STA \$D402,Y

\$2118 99 03 D4 STA \$D403,Y

\$211B A9 0F LDA #0F

\$211D 8D 18 D4 STA \$D418

\$2120 98 TYA

\$2121 AA TAX

\$2122 A0 00 LDY #00

\$2124 B1 A9 LDA (\$A9),Y

\$2126 29 FE AND #FE

\$2128 9D 04 D4 STA \$D404,X

\$212B A9 40 LDA #\$40

\$212D 8D 05 13 STA \$1305

\$2130 60 RTS

//-----

\$2131 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$2139 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$2141 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$2149 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$2151 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$2159 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$2161 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$2169 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$2171 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$2179 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$2181 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$2189 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$2191 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$2199 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$21A1 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

\$21A9 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00

```

$21B1      .byte $00,$00,$00,$00,$00,$00,$00,$00
$21B9      .byte $00,$00,$00,$00,$00,$00,$00,$00
$21C1      .byte $00,$00,$00,$00,$00,$00,$00,$00
$21C9      .byte $00,$00,$00,$00,$00,$00,$00,$00
$21D1      .byte $00,$00,$00,$00,$00,$00,$00,$00
$21D9      .byte $00,$00,$00,$00,$00,$00,$00,$00
$21E1      .byte $00,$00,$00,$00,$00,$00,$00,$00
$21E9      .byte $00,$00,$00,$00,$00,$00,$00,$00
$21F1      .byte $00,$00,$00,$00,$00,$00,$00,$00
$21F9      .byte $00,$00,$00,$00,$00,$00,$00,$34
$2201 21 53  AND ($53,X)
$2203 21 71  AND ($71,X)
$2205 21 84  AND ($84,X)
$2207 21 A2  AND ($A2,X)
$2209      .byte $02
//-----
L_BRS_($220A)_($2259) OK
//-----
$220A BD FD 1E LDA $1EFD,X
$220D F0 49  BEQ L_BRS_($2258)_($220D) OK
$220F BD 03 1F LDA $1F03,X
$2212 85 A7  STA $A7
$2214 BD 06 1F LDA $1F06,X
$2217 85 A8  STA $A8
$2219 BD 09 1F LDA $1F09,X
$221C 85 A9  STA $A9
$221E BD 0C 1F LDA $1F0C,X
//-----
L_JSR_($2221)_($0FF8) OK

```


L_JSR_(\$2221)_(\$1F71) OK

L_JSR_(\$2221)_(\$35EA) OK

L_JSR_(\$2222)_(\$4A14) BAD

L_JSR_(\$2222)_(\$4C0C) BAD

L_JSR_(\$2222)_(\$4C10) BAD

L_JSR_(\$2222)_(\$4C14) BAD

L_JSR_(\$2222)_(\$4C18) BAD

L_JSR_(\$2222)_(\$4CB6) BAD

L_JSR_(\$2222)_(\$6F47) BAD

L_JSR_(\$2222)_(\$713F) BAD

L_JSR_(\$2222)_(\$7143) BAD

L_JSR_(\$2222)_(\$7147) BAD

//-----

\$2221 85 AA STA \$AA

\$2223 8A TXA

\$2224 48 PHA

\$2225 BC 00 1F LDY \$1F00,X

\$2228 B1 A7 LDA (\$A7),Y

\$222A C9 FF CMP #\$FF

\$222C F0 24 BEQ L_BRS_(\$2252)_(\$222C) OK

\$222E BC E9 14 LDY \$14E9,X

\$2231 0A ASL A

\$2232 AA TAX

\$2233 BD 50 16 LDA \$1650,X

\$2236 99 00 D4 STA \$D400,Y

\$2239 BD 51 16 LDA \$1651,X

\$223C 99 01 D4 STA \$D401,Y

\$223F 68 PLA

\$2240 AA TAX

```
$2241 BC 00 1F LDY $1F00,X
$2244 B1 A9 LDA ($A9),Y
$2246 BC E9 14 LDY $14E9,X
$2249 99 04 D4 STA $D404,Y
$224C FE 00 1F INC $1F00,X
$224F 4C 58 22 JMP L_JMP_($2258)_($224F) OK
//-----
L_BRS_($2252)_($222C) OK
//-----
$2252 68 PLA
$2253 A9 00 LDA #$00
$2255 9D FD 1E STA $1EFD,X
//-----
L_BRS_($2258)_($220D) OK
L_JMP_($2258)_($224F) OK
//-----
$2258 CA DEX
$2259 10 AF BPL L_BRS_($220A)_($2259) OK
$225B 60 RTS
//-----
$225C 48 PHA
$225D 48 PHA
$225E A2 00 LDX #$00
$2260 BD FD 1E LDA $1EFD,X
$2263 F0 09 BEQ L_BRS_($226E)_($2263) OK
$2265 A2 01 LDX #$01
$2267 BD FD 1E LDA $1EFD,X
$226A F0 02 BEQ L_BRS_($226E)_($226A) OK
$226C A2 02 LDX #$02
```

//-----
L_BRS_(\$226E)_(\$2263) OK

L_BRS_(\$226E)_(\$226A) OK

//-----

\$226E 68 PLA

\$226F 0A ASL A

\$2270 0A ASL A

\$2271 A8 TAY

\$2272 B9 BC 21 LDA \$21BC,Y

\$2275 9D 03 1F STA \$1F03,X

\$2278 B9 BD 21 LDA \$21BD,Y

\$227B 9D 06 1F STA \$1F06,X

\$227E B9 BE 21 LDA \$21BE,Y

\$2281 9D 09 1F STA \$1F09,X

\$2284 85 A9 STA \$A9

\$2286 B9 BF 21 LDA \$21BF,Y

\$2289 9D 0C 1F STA \$1F0C,X

\$228C 85 AA STA \$AA

\$228E A9 01 LDA #\$01

//-----

L_JMP_(\$2291)_(\$CCE4) BAD

//-----

\$2290 9D FD 1E STA \$1EFD,X

\$2293 A9 00 LDA #\$00

\$2295 9D 00 1F STA \$1F00,X

\$2298 BC E9 14 LDY \$14E9,X

\$229B A9 00 LDA #\$00

\$229D 99 04 D4 STA \$D404,Y

\$22A0 68 PLA

```

$22A1 AA    TAX
$22A2 BD 96 21 LDA $2196,X
$22A5 99 05 D4 STA $D405,Y
$22A8 BD A9 21 LDA $21A9,X
$22AB 99 06 D4 STA $D406,Y
$22AE A9 08   LDA # $08
$22B0 99 02 D4 STA $D402,Y
$22B3 99 03 D4 STA $D403,Y
$22B6 A9 0F   LDA # $0F
$22B8 8D 18 D4 STA $D418
$22BB 98     TYA
$22BC AA     TAX
$22BD A0 00   LDY # $00
$22BF B1 A9   LDA ($A9),Y
$22C1 29 FE   AND # $FE
$22C3 9D 04 D4 STA $D404,X
$22C6 A9 40   LDA # $40
$22C8 8D E8 14 STA $14E8
$22CB 60     RTS
//-----
L_JSR_($22D0)_($14E4) JAM
//-----
$22CC      .byte $00,$00,$00,$00,$00,$00,$00,$00
$22D4      .byte $00,$00,$00,$00,$00,$00,$00,$00
$22DC      .byte $00,$00,$00,$00,$00,$00,$00,$00
$22E4      .byte $00,$00,$00,$00,$00,$00,$00,$00
$22EC      .byte $00,$00,$00,$00,$00,$00,$00,$00
$22F4      .byte $00,$00,$00,$00,$00,$00,$00,$00
$22FC      .byte $00,$00,$00,$00

```

\$2300 41 31 EOR (\$31,X)
\$2302 A9 2F LDA #\$2F
\$2304 85 00 STA \$00
\$2306 78 SEI
\$2307 D8 CLD
\$2308 A5 01 LDA \$01
\$230A 8D 0A 25 STA \$250A
\$230D AD 02 DD LDA \$DD02
\$2310 8D 0B 25 STA \$250B
\$2313 AD 00 DD LDA \$DD00
\$2316 8D 0C 25 STA \$250C
\$2319 AD 16 D0 LDA \$D016
\$231C 8D 0D 25 STA \$250D
\$231F AD 0D DC LDA \$DC0D
\$2322 8D 0E 25 STA \$250E
\$2325 AD 14 03 LDA \$0314
\$2328 8D 0F 25 STA \$250F
\$232B AD 18 03 LDA \$0318
\$232E 8D 10 25 STA \$2510
\$2331 AD 15 03 LDA \$0315
\$2334 8D 11 25 STA \$2511
\$2337 AD 19 03 LDA \$0319
\$233A 8D 12 25 STA \$2512
\$233D AD 1A D0 LDA \$D01A
\$2340 8D 13 25 STA \$2513
\$2343 AD 11 D0 LDA \$D011
\$2346 8D 14 25 STA \$2514
\$2349 A9 37 LDA #\$37
\$234B 85 01 STA \$01

\$234D 20 84 FF JSR \$FF84
\$2350 A9 00 LDA #\$00
\$2352 8D 1A D0 STA \$D01A
\$2355 8D 15 D0 STA \$D015
\$2358 20 AE 23 JSR L_JSR_(\$23AE)_(\$2358) OK
\$235B AD 11 D0 LDA \$D011
\$235E 29 EF AND #\$EF
\$2360 8D 11 D0 STA \$D011
\$2363 EE 00 23 INC \$2300
\$2366 20 AE 23 JSR L_JSR_(\$23AE)_(\$2366) OK
\$2369 CE 00 23 DEC \$2300
\$236C AD 0A 25 LDA \$250A
\$236F 85 01 STA \$01
\$2371 AD 0B 25 LDA \$250B
\$2374 8D 02 DD STA \$DD02
\$2377 AD 0C 25 LDA \$250C
\$237A 8D 00 DD STA \$DD00
\$237D AD 0D 25 LDA \$250D
\$2380 8D 16 D0 STA \$D016
\$2383 AD 0E 25 LDA \$250E
\$2386 8D 0D DC STA \$DC0D
\$2389 AD 0F 25 LDA \$250F
\$238C 8D 14 03 STA \$0314
\$238F AD 10 25 LDA \$2510
\$2392 8D 18 03 STA \$0318
\$2395 AD 11 25 LDA \$2511
\$2398 8D 15 03 STA \$0315
\$239B AD 12 25 LDA \$2512
\$239E 8D 19 03 STA \$0319

```
$23A1 AD 13 25 LDA $2513
$23A4 8D 1A D0 STA $D01A
$23A7 AD 14 25 LDA $2514
$23AA 8D 11 D0 STA $D011
$23AD 60    RTS
//-----
L_JSR_($23AE)_($2358) OK
L_JSR_($23AE)_($2366) OK
//-----
$23AE D8    CLD
$23AF 78    SEI
$23B0 A9 00  LDA #$00
$23B2 8D 15 25 STA $2515
$23B5 AD 01 23 LDA $2301
$23B8 38    SEC
$23B9 E9 31  SBC #$31
$23BB 8D 14 25 STA $2514
$23BE 0A    ASL A
$23BF 18    CLC
$23C0 6D 14 25 ADC $2514
$23C3 8D 15 25 STA $2515
$23C6 AD 00 23 LDA $2300
$23C9 C9 42  CMP #$42
$23CB D0 09  BNE L_BRS_($23D6)_($23CB) OK
$23CD AD 15 25 LDA $2515
$23D0 18    CLC
$23D1 69 0F  ADC #$0F
$23D3 8D 15 25 STA $2515
//-----
```

L_BRS_(\$23D6)_(\$23CB) OK

//-----

\$23D6 AD 15 25 LDA \$2515

\$23D9 AA TAX

\$23DA BD BC 25 LDA \$25BC,X

\$23DD 8D E7 25 STA \$25E7

\$23E0 BD BD 25 LDA \$25BD,X

\$23E3 8D E9 25 STA \$25E9

\$23E6 BD BE 25 LDA \$25BE,X

\$23E9 8D BB 25 STA \$25BB

\$23EC A9 08 LDA #08

\$23EE 20 DA 25 JSR L_JSR_(\$25DA)_(\$23EE) OK

\$23F1 A9 01 LDA #01

\$23F3 A2 B8 LDX #B8

\$23F5 A0 25 LDY #25

\$23F7 20 BD FF JSR \$FFBD

\$23FA A6 B9 LDX \$B9

\$23FC 86 02 STX \$02

\$23FE A9 60 LDA #60

\$2400 85 B9 STA \$B9

\$2402 20 C0 FF JSR \$FFC0

\$2405 A9 08 LDA #08

//-----

L_JSR_(\$2408)_(\$0891) BAD

L_JSR_(\$2408)_(\$0A91) BAD

//-----

\$2407 20 09 ED JSR \$ED09

\$240A A5 B9 LDA \$B9

\$240C 20 C7 ED JSR \$EDC7

//-----
L_JSR_(\$2410)_(\$CCA0) BAD

//-----
\$240F 20 13 EE JSR \$EE13
\$2412 A5 BA LDA \$BA
\$2414 20 C3 FF JSR \$FFC3
\$2417 A9 E0 LDA #\$E0
\$2419 85 03 STA \$03
\$241B A9 25 LDA #\$25
\$241D 85 04 STA \$04
\$241F A9 00 LDA #\$00
\$2421 85 05 STA \$05
\$2423 A9 06 LDA #\$06
\$2425 85 06 STA \$06

//-----
L_BRS_(\$2427)_(\$2478) OK

//-----
\$2427 A5 BA LDA \$BA
\$2429 20 0C ED JSR \$EDOC
\$242C A9 6F LDA #\$6F
\$242E 20 B9 ED JSR \$EDB9
\$2431 A9 4D LDA #\$4D
\$2433 20 DD ED JSR \$EDDD
\$2436 A9 2D LDA #\$2D
\$2438 20 DD ED JSR \$EDDD
\$243B A9 57 LDA #\$57
\$243D 20 DD ED JSR \$EDDD
\$2440 A5 05 LDA \$05
\$2442 20 DD ED JSR \$EDDD

```
$2445 A5 06 LDA $06
$2447 20 DD ED JSR $EDDD
$244A A9 20 LDA # $20
$244C 20 DD ED JSR $EDDD
$244F A0 00 LDY # $00
//-----
L_BRS_($2451)_($2459) OK
//-----
$2451 B1 03 LDA ($03),Y
$2453 20 DD ED JSR $EDDD
$2456 C8 INY
$2457 C0 20 CPY # $20
$2459 90 F6 BCC L_BRS_($2451)_($2459) OK
$245B 20 FE ED JSR $EDFE
$245E 18 CLC
$245F A5 03 LDA $03
$2461 69 20 ADC # $20
$2463 85 03 STA $03
$2465 90 02 BCC L_BRS_($2469)_($2465) OK
$2467 E6 04 INC $04
//-----
L_BRS_($2469)_($2465) OK
//-----
$2469 18 CLC
$246A A5 05 LDA $05
$246C 69 20 ADC # $20
$246E 85 05 STA $05
$2470 90 02 BCC L_BRS_($2474)_($2470) OK
$2472 E6 06 INC $06
```

//-----

L_BRS_(\$2474)_(\$2470) OK

//-----

\$2474 A6 06 LDX \$06

\$2476 E0 07 CPX # \$07

\$2478 90 AD BCC L_BRS_(\$2427)_(\$2478) OK

\$247A A5 BA LDA \$BA

\$247C 20 0C ED JSR \$ED0C

\$247F A9 6F LDA # \$6F

\$2481 20 B9 ED JSR \$EDB9

\$2484 A9 4D LDA # \$4D

\$2486 20 DD ED JSR \$EDDD

\$2489 A9 2D LDA # \$2D

\$248B 20 DD ED JSR \$EDDD

\$248E A9 45 LDA # \$45

\$2490 20 DD ED JSR \$EDDD

\$2493 A9 03 LDA # \$03

\$2495 20 DD ED JSR \$EDDD

\$2498 A9 06 LDA # \$06

\$249A 20 DD ED JSR \$EDDD

\$249D 20 FE ED JSR \$EDFE

\$24A0 AD 11 D0 LDA \$D011

\$24A3 29 EF AND # \$EF

\$24A5 8D 11 D0 STA \$D011

\$24A8 A9 35 LDA # \$35

\$24AA 85 01 STA \$01

\$24AC 78 SEI

\$24AD A2 04 LDX # \$04

//-----

```

L_BRS_($24AF)_($24CB) OK
//-----
$24AF 20 60 25 JSR L_JSR_($2560)_($24AF) OK
$24B2 F0 19 BEQ L_BRS_($24CD)_($24B2) OK
$24B4 20 60 25 JSR L_JSR_($2560)_($24B4) OK
$24B7 E0 02 CPX #02
$24B9 F0 03 BEQ L_BRS_($24BE)_($24B9) OK
$24BB 20 AD 25 JSR L_JSR_($25AD)_($24BB) OK
//-----
L_BRS_($24BE)_($24B9) OK
//-----
$24BE A0 00 LDY #00
//-----
L_BRS_($24C0)_($24C7) OK
//-----
$24C0 20 60 25 JSR L_JSR_($2560)_($24C0) OK
$24C3 20 16 25 JSR L_JSR_($2516)_($24C3) OK
$24C6 E8 INX
$24C7 D0 F7 BNE L_BRS_($24C0)_($24C7) OK
$24C9 A2 02 LDX #02
$24CB D0 E2 BNE L_BRS_($24AF)_($24CB) OK
//-----
L_BRS_($24CD)_($24B2) OK
//-----
$24CD 20 60 25 JSR L_JSR_($2560)_($24CD) OK
$24D0 E0 02 CPX #02
$24D2 F0 05 BEQ L_BRS_($24D9)_($24D2) OK
$24D4 48 PHA
$24D5 20 AD 25 JSR L_JSR_($25AD)_($24D5) OK

```

\$24D8 68 PLA

//-----

L_BRS_(\$24D9)_(\$24D2) OK

//-----

\$24D9 AA TAX

\$24DA CA DEX

\$24DB CA DEX

\$24DC A0 00 LDY #\$00

//-----

L_BRS_(\$24DE)_(\$24E5) OK

//-----

\$24DE 20 60 25 JSR L_JSR_(\$2560)_(\$24DE) OK

\$24E1 20 16 25 JSR L_JSR_(\$2516)_(\$24E1) OK

\$24E4 CA DEX

\$24E5 D0 F7 BNE L_BRS_(\$24DE)_(\$24E5) OK

\$24E7 A9 37 LDA #\$37

\$24E9 85 01 STA \$01

\$24EB A5 BA LDA \$BA

\$24ED 20 0C ED JSR \$ED0C

\$24F0 A9 6F LDA #\$6F

\$24F2 20 B9 ED JSR \$EDB9

\$24F5 A9 49 LDA #\$49

\$24F7 20 DD ED JSR \$EDDD

\$24FA 20 FE ED JSR \$EDFE

\$24FD AD 11 D0 LDA \$D011

\$2500 09 10 ORA #\$10

\$2502 8D 11 D0 STA \$D011

\$2505 A9 37 LDA #\$37

\$2507 85 01 STA \$01

```

$2509 60    RTS
//-----
$250A      .byte $00,$00,$00,$00,$00,$00,$00,$00
$2512      .byte $00,$00,$00,$00
//-----
L_JSR_($2516)_($24C3) OK
L_JSR_($2516)_($24E1) OK
//-----
$2516 4C 19 25 JMP L_JMP_($2519)_($2516) OK
//-----
L_JMP_($2519)_($2516) OK
//-----
$2519 CD BB 25 CMP $25BB
$251C D0 33   BNE L_BRS_($2551)_($251C) OK
$251E A9 24   LDA #$24
$2520 8D 17 25 STA $2517
$2523 60    RTS
//-----
$2524 C9 00   CMP #$00
$2526 F0 09   BEQ L_BRS_($2531)_($2526) OK
$2528 8D BA 25 STA $25BA
$252B A9 3A   LDA #$3A
$252D 8D 17 25 STA $2517
$2530 60    RTS
//-----
L_BRS_($2531)_($2526) OK
//-----
$2531 AD BB 25 LDA $25BB
$2534 20 51 25 JSR L_JSR_($2551)_($2534) OK

```

\$2537 4C 4B 25 JMP L_JMP_(\$254B)_(\$2537) OK

\$253A 8E B9 25 STX \$25B9

\$253D AE BA 25 LDX \$25BA

\$2540 A0 00 LDY #\$00

//-----

L_BRS_(\$2542)_(\$2546) OK

//-----

\$2542 20 53 25 JSR L_JSR_(\$2553)_(\$2542) OK

\$2545 CA DEX

\$2546 D0 FA BNE L_BRS_(\$2542)_(\$2546) OK

\$2548 AE B9 25 LDX \$25B9

//-----

L_JMP_(\$254B)_(\$2537) OK

//-----

\$254B A9 19 LDA #\$19

\$254D 8D 17 25 STA \$2517

\$2550 60 RTS

//-----

L_BRS_(\$2551)_(\$251C) OK

L_JSR_(\$2551)_(\$2534) OK

//-----

\$2551 A0 00 LDY #\$00

//-----

L_JSR_(\$2553)_(\$2542) OK

//-----

\$2553 C6 01 DEC \$01

\$2555 91 AE STA (\$AE),Y

\$2557 E6 01 INC \$01

\$2559 E6 AE INC \$AE

\$255B D0 02 BNE L_BRS_(\$255F)_(\$255B) OK

\$255D E6 AF INC \$AF

//-----

L_BRS_(\$255F)_(\$255B) OK

//-----

\$255F 60 RTS

//-----

L_JSR_(\$2560)_(\$24AF) OK

L_JSR_(\$2560)_(\$24B4) OK

L_JSR_(\$2560)_(\$24C0) OK

L_JSR_(\$2560)_(\$24CD) OK

L_JSR_(\$2560)_(\$24DE) OK

L_JSR_(\$2560)_(\$25AD) OK

L_JSR_(\$2560)_(\$25B2) OK

//-----

\$2560 A9 0B LDA #\$0B

\$2562 8D 00 DD STA \$DD00

//-----

L_BRS_(\$2565)_(\$2568) OK

//-----

\$2565 AD 00 DD LDA \$DD00

\$2568 10 FB BPL L_BRS_(\$2565)_(\$2568) OK

\$256A A9 03 LDA #\$03

\$256C 8D 00 DD STA \$DD00

\$256F 20 A6 25 JSR L_JSR_(\$25A6)_(\$256F) OK

\$2572 CE 20 D0 DEC \$D020

\$2575 AD 00 DD LDA \$DD00

\$2578 0A ASL A

\$2579 08 PHP


```
$257A 0A ASL A
$257B 26 A4 ROL $A4
$257D 28 PLP
$257E 26 A4 ROL $A4
$2580 AD 00 DD LDA $DD00
$2583 0A ASL A
$2584 08 PHP
$2585 0A ASL A
$2586 26 A4 ROL $A4
$2588 28 PLP
$2589 26 A4 ROL $A4
$258B AD 00 DD LDA $DD00
$258E 0A ASL A
$258F 08 PHP
$2590 0A ASL A
$2591 26 A4 ROL $A4
//-----
L_JMP_($2593)_($CB69) OK
//-----
$2593 28 PLP
$2594 26 A4 ROL $A4
$2596 AD 00 DD LDA $DD00
$2599 0A ASL A
$259A 08 PHP
$259B 0A ASL A
$259C 26 A4 ROL $A4
$259E 28 PLP
$259F 26 A4 ROL $A4
$25A1 A5 A4 LDA $A4
```

```

$25A3 49 FF  EOR #$FF
$25A5 60    RTS
//-----
L_JSR_($25A6)_($256F) OK
//-----
$25A6 EE 20 D0 INC $D020
$25A9 EA    NOP
$25AA EA    NOP
$25AB EA    NOP
$25AC 60    RTS
//-----
L_JSR_($25AD)_($24BB) OK
L_JSR_($25AD)_($24D5) OK
//-----
$25AD 20 60 25 JSR L_JSR_($2560)_($25AD) OK
$25B0 85 AE  STA $AE
$25B2 20 60 25 JSR L_JSR_($2560)_($25B2) OK
$25B5 85 AF  STA $AF
$25B7 60    RTS
//-----
$25B8 2A    ROL A
$25B9      .byte $00,$00,$00
$25BC 11 06  ORA ($06),Y
$25BE      .byte $FF,$13,$00
$25C1 01 13  ORA ($13,X)
$25C3 06 04  ASL $04
$25C5      .byte $0F,$02
$25C7 01 15  ORA ($15,X)
$25C9 01 01  ORA ($01,X)

```

```

$25CB 0D 00 07 ORA $0700
$25CE 0D 02 05 ORA $0502
$25D1 0D 09 13 ORA $1309
$25D4      .byte $17,$00
$25D6 09 0C  ORA #0C
$25D8 01 1D  ORA ($1D,X)
//-----
L_JSR_($25DA)_($23EE) OK
//-----
$25DA A8    TAY
$25DB A2 08  LDX #08
$25DD 4C BA FF JMP $FFBA
$25E0 4C 2A 06 JMP $062A
$25E3 20 00 C1 JSR L_JSR_($C100)_($25E3) JAM
$25E6 A9 00  LDA #00
$25E8 A2 00  LDX #00
$25EA 85 0C  STA 0C
$25EC 86 0D  STX 0D
$25EE 8D 00 03 STA $0300
$25F1 8E 01 03 STX $0301
//-----
L_BRS_($25F4)_($25FE) OK
//-----
$25F4 A9 E0  LDA #E0
$25F6 85 03  STA 03
//-----
L_BRS_($25F8)_($25FA) OK
//-----
$25F8 A5 03  LDA 03

```

```

$25FA 30 FC  BMI L_BRS_($25F8)_($25FA) OK
$25FC C9 02  CMP #$02
$25FE 90 F4  BCC L_BRS_($25F4)_($25FE) OK
$2600 C9 7F  CMP #$7F
$2602 F0 03  BEQ L_BRS_($2607)_($2602) OK
$2604 4C 0A E6  JMP $E60A
//-----
L_BRS_($2607)_($2602) OK
//-----
$2607 4C 9E C1  JMP L_JMP_($C19E)_($2607) OK
$260A A9 03  LDA #$03
$260C 85 31  STA $31
//-----
L_BRS_($260E)_($2666) OK
//-----
$260E 20 0A F5  JSR $F50A
//-----
L_BRS_($2611)_($2611) OK
L_BRS_($2611)_($261B) OK
//-----
$2611 50 FE  BVC L_BRS_($2611)_($2611) OK
$2613      .byte $B8
$2614 AD 01 1C  LDA $1C01
$2617 99 00 03  STA $0300,Y
$261A C8      INY
$261B D0 F4  BNE L_BRS_($2611)_($261B) OK
$261D A0 BA  LDY #$BA
//-----
L_BRS_($261F)_($261F) OK

```

```

L_BRS_($261F)_($2629) OK
//-----
$261F 50 FE  BVC L_BRS_($261F)_($261F) OK
$2621      .byte $B8
$2622 AD 01 1C LDA $1C01
$2625 99 00 01 STA $0100,Y
$2628 C8     INY
$2629 D0 F4  BNE L_BRS_($261F)_($2629) OK
$262B 20 E0 F8 JSR $F8E0
$262E A5 38  LDA $38
$2630 C5 47  CMP $47
$2632 F0 05  BEQ L_BRS_($2639)_($2632) OK
$2634 A9 04  LDA #$04
$2636 4C 69 F9 JMP $F969
//-----
L_BRS_($2639)_($2632) OK
//-----
$2639 20 E9 F5 JSR $F5E9
$263C C5 3A  CMP $3A
$263E F0 05  BEQ L_BRS_($2645)_($263E) OK
$2640 A9 05  LDA #$05
$2642 4C 69 F9 JMP $F969
//-----
L_BRS_($2645)_($263E) OK
//-----
$2645 AD 00 03 LDA $0300
$2648 F0 2A  BEQ L_BRS_($2674)_($2648) OK
$264A A2 00  LDX #$00
//-----

```

```

L_BRS_($264C)_($2653) OK
//-----
$264C BD 00 03 LDA $0300,X
$264F 20 AA 06 JSR $06AA
$2652 E8    INX
$2653 D0 F7  BNE L_BRS_($264C)_($2653) OK
$2655 AD 00 03 LDA $0300
$2658 C5 0C  CMP $0C
$265A D0 0C  BNE L_BRS_($2668)_($265A) OK
$265C AD 01 03 LDA $0301
$265F 85 0D  STA $0D
$2661 AD 00 03 LDA $0300
$2664 85 0C  STA $0C
$2666 D0 A6  BNE L_BRS_($260E)_($2666) OK
//-----
L_BRS_($2668)_($265A) OK
//-----
$2668 85 0C  STA $0C
$266A AD 01 03 LDA $0301
$266D 85 0D  STA $0D
$266F A9 01  LDA #$01
$2671 4C 69 F9 JMP $F969
//-----
L_BRS_($2674)_($2648) OK
//-----
$2674 A2 00  LDX #$00
$2676 EE 01 03 INC $0301
//-----
L_BRS_($2679)_($2683) OK

```

```
//-----  
$2679 BD 00 03 LDA $0300,X  
$267C 20 AA 06 JSR $06AA  
$267F E8 INX  
$2680 EC 01 03 CPX $0301  
$2683 D0 F4 BNE L_BRS_($2679)_($2683) OK  
$2685 A9 7F LDA #$7F  
$2687 4C 69 F9 JMP $F969  
$268A 85 85 STA $85  
//-----  
L_BRS_($268C)_($268F) OK  
//-----  
$268C 2C 00 18 BIT $1800  
$268F 10 FB BPL L_BRS_($268C)_($268F) OK  
$2691 A9 10 LDA #$10  
$2693 8D 00 18 STA $1800  
//-----  
L_BRS_($2696)_($2699) OK  
//-----  
$2696 2C 00 18 BIT $1800  
$2699 30 FB BMI L_BRS_($2696)_($2699) OK  
$269B A9 00 LDA #$00  
$269D 06 85 ASL $85  
$269F 2A ROL A  
$26A0 0A ASL A  
$26A1 06 85 ASL $85  
$26A3 2A ROL A  
$26A4 0A ASL A  
$26A5 8D 00 18 STA $1800
```

\$26A8 A9 00 LDA #00
\$26AA 06 85 ASL \$85
\$26AC 2A ROL A
\$26AD 0A ASL A
\$26AE 06 85 ASL \$85
\$26B0 2A ROL A
\$26B1 0A ASL A
\$26B2 8D 00 18 STA \$1800
\$26B5 A9 00 LDA #00
\$26B7 06 85 ASL \$85
\$26B9 2A ROL A
\$26BA 0A ASL A
\$26BB 06 85 ASL \$85
\$26BD 2A ROL A
\$26BE 0A ASL A
\$26BF 8D 00 18 STA \$1800
\$26C2 A9 00 LDA #00
\$26C4 06 85 ASL \$85
\$26C6 2A ROL A
\$26C7 0A ASL A
\$26C8 06 85 ASL \$85
\$26CA 2A ROL A
\$26CB 0A ASL A
\$26CC 8D 00 18 STA \$1800
\$26CF EA NOP
\$26D0 EA NOP
\$26D1 EA NOP
\$26D2 A9 0F LDA #0F
\$26D4 8D 00 18 STA \$1800


```
$26D7 60    RTS
//-----
$26D8      .byte $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
$26E0      .byte $0F,$0F,$0F,$0F,$0F
$26E5 0A    ASL A
$26E6      .byte $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
$26EE      .byte $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
$26F6      .byte $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
$26FE      .byte $0F,$0F
$2700 2C 00 FD BIT $FD00
$2703      .byte $00,$00,$00,$D2,$00
$2708 6C 00 40 JMP ($4000)
$270B      .byte $00,$0F,$00
$270E 6E 01 32 ROR $3201
$2711 01 00  ORA ($00,X)
$2713      .byte $00,$9C,$04
$2716 C1 01  CMP ($01,X)
$2718 26 04  ROL $04
$271A 85 01  STA $01
$271C AE 00 5B LDX $5B00
$271F      .byte $00
$2720 C4 03  CPY $03
$2722 C5 01  CMP $01
$2724      .byte $32
$2725 01 00  ORA ($00,X)
$2727      .byte $00
$2728 FE 01 14 INC $1401,X
$272B      .byte $00
$272C 8D 01 02 STA $0201
```

```
$272F      .byte $00
$2730 B1 00  LDA ($00),Y
$2732 2A    ROL A
$2733      .byte $00
$2734 98    TYA
$2735 08    PHP
$2736 98    TYA
$2737 08    PHP
$2738      .byte $32,$00,$00,$00
$273C E1 03  SBC ($03,X)
$273E 6E 01 7D ROR $7D01
$2741      .byte $03
$2742 30 01  BMI L_BRS_($2745)_($2742) BAD
//-----
L_BRS_($2745)_($2742) BAD
//-----
$2744 AC 00 5B LDY $5B00
$2747      .byte $00,$67,$02,$9F,$00,$32,$00,$00
$274F      .byte $00
$2750 05 05  ORA $05
$2752      .byte $9C,$00
$2754 99 04 6A STA $6A04,Y
$2757      .byte $00
$2758 AC 00 5B LDY $5B00
$275B      .byte $00
$275C CD 05 9C CMP $9C05
$275F      .byte $00,$32,$00,$00,$00
$2764 46 00  LSR $00
$2766      .byte $2B,$00,$00,$00
```

\$276A 18 CLC
\$276B .byte \$00,\$72,\$00,\$72,\$00,\$DB
\$2771 01 37 ORA (\$37,X)
\$2773 .byte \$00
\$2774 19 03 01 ORA \$0103,Y
\$2777 .byte \$00
\$2778 46 00 LSR \$00
\$277A .byte \$2B,\$00,\$00,\$00
\$277E 18 CLC
\$277F .byte \$00,\$72,\$00,\$72,\$00
\$2784 98 TYA
\$2785 .byte \$03
\$2786 4D 00 19 EOR \$1900
\$2789 .byte \$02
\$278A 01 00 ORA (\$00,X)
\$278C 46 00 LSR \$00
\$278E .byte \$2B,\$00,\$00,\$00
\$2792 18 CLC
\$2793 .byte \$00,\$72,\$00,\$72,\$00,\$82
\$2799 05 37 ORA \$37
\$279B .byte \$00
\$279C 19 03 01 ORA \$0103,Y
\$279F .byte \$00
\$27A0 46 00 LSR \$00
\$27A2 .byte \$2B,\$00,\$00,\$00
\$27A6 18 CLC
\$27A7 .byte \$00,\$72,\$00,\$72,\$00,\$44,\$07,\$37
\$27AF .byte \$00
\$27B0 46 00 LSR \$00

\$27B2 01 00 ORA (\$00,X)
\$27B4 .byte \$B3
\$27B5 01 0E ORA (\$0E,X)
\$27B7 .byte \$00,\$4F
\$27B9 01 0A ORA (\$0A,X)
\$27BB .byte \$00
\$27BC AC 00 1E LDY \$1E00
\$27BF .byte \$00,\$27,\$03,\$43,\$00
\$27C4 28 PLP
\$27C5 .byte \$04,\$00,\$00
\$27C8 91 03 STA (\$03),Y
\$27CA .byte \$5F
\$27CB 01 2D ORA (\$2D,X)
\$27CD .byte \$03
\$27CE 2C 01 AC BIT \$AC01
\$27D1 .byte \$00,\$47,\$00,\$CF,\$02,\$AB,\$02,\$14
\$27D9 .byte \$04,\$00,\$00,\$0B,\$02,\$E7,\$02,\$A7
\$27E1 01 B5 ORA (\$B5,X)
\$27E3 .byte \$02
\$27E4 AC 00 47 LDY \$4700
\$27E7 .byte \$00
\$27E8 D6 01 DEC \$01,X
\$27EA .byte \$74
\$27EB 01 1E ORA (\$1E,X)
\$27ED .byte \$04,\$00,\$00
\$27F0 05 01 ORA \$01
\$27F2 .byte \$FF
\$27F3 01 A1 ORA (\$A1,X)
\$27F5 .byte \$00

```
$27F6 CD 01 AA CMP $AA01
$27F9      .byte $00,$47,$00
$27FC E6 00  INC $00
$27FE B4 02  LDY $02,X
$2800      .byte $00,$00,$00,$00,$00,$00,$00,$00
$2808      .byte $00,$00,$00,$00,$00,$00,$00,$00
$2810 B5 FE  LDA $FE,X
$2812 B5 FE  LDA $FE,X
$2814 B5 FE  LDA $FE,X
$2816 35 C0  AND $C0,X
$2818      .byte $54
$2819 A0 54  LDY #54
$281B A0 54  LDY #54
$281D A0 53  LDY #53
$281F      .byte $0F
$2820 A6 66  LDX $66
$2822 65 95  ADC $95
$2824 55 96  EOR $96,X
$2826      .byte $5A
$2827 55 00  EOR $00,X
$2829      .byte $00,$00,$00,$00,$00,$00,$00,$00
$2831      .byte $00,$00,$00,$00,$00,$00,$00
$2838 A2 98  LDX #98
$283A AC 58 41 LDY $4158
$283D A6 A6  LDX $A6
$283F AA    TAX
$2840      .byte $B2
$2841 B9 A7 6D LDA $6DA7,Y
$2844      .byte $27
```

```
$2845 19 0E 01 ORA $010E,Y
$2848 9A TXS
$2849 6A ROR A
$284A 69 52 ADC #$52
$284C AD B5 B6 LDA $B6B5
$284F .byte $5A
$2850 0A ASL A
$2851 .byte $02,$02,$00,$00,$00,$00,$00,$DB
$2859 F5 DB SBC $DB,X
$285B 75 35 ADC $35,X
$285D 3E 1C 1C ROL $1C1C,X
$2860 AE 7A 5C LDX $5C7A
$2863 3D 5E 2C AND $2C5E,X
$2866 1E 3C 50 ASL $503C,X
$2869 B0 40 BCS L_BRS_($28AB)_($2869) JAM
$286B 60 RTS
//-----
$286C A0 60 LDY #$60
$286E .byte $80
$286F C0 1A CPY #$1A
$2871 .byte $1C
$2872 18 CLC
$2873 .byte $0C
$2874 18 CLC
$2875 08 PHP
$2876 18 CLC
$2877 08 PHP
$2878 C0 C0 CPY #$C0
$287A .byte $80,$80,$80,$00,$00,$00,$54
```

```

$2881 A0 54 LDY #$54
$2883 A0 54 LDY #$54
$2885 A0 54 LDY #$54
$2887 A0 10 LDY #$10
$2889 10 30 BPL L_BRS_($28BB)_($2889) JAM
$288B 18 CLC
$288C 28 PLP
$288D 18 CLC
$288E 2C 5C 3A BIT $3A5C
$2891 EC 5A 7E CPX $7E5A
$2894 4A LSR A
$2895 5E 6A 5D LSR $5D6A,X
$2898 .byte $00
$2899 C0 00 CPY #$00
$289B .byte $03,$00,$00,$00
$289F 30 00 BMI L_BRS_($28A1)_($289F) JAM
//-----
L_BRS_($28A1)_($289F) JAM
//-----
$28A1 .byte $00,$00,$00,$00,$00,$00,$00,$00
//-----
L_BRS_($28AB)_($2869) JAM
//-----
$28A9 .byte $00,$00,$00,$00,$00,$00,$00,$FF
$28B1 .byte $FF,$FF,$FF,$FF
$28B5 F6 57 INC $57,X
$28B7 59 FF FF EOR $FFFF,Y
//-----
L_BRS_($28BB)_($2889) JAM

```

L_BRS_(\$28BE)_(\$2900) JAM

//-----

\$28BA .byte \$FF,\$FF,\$FF,\$DF,\$DB

\$28BF 55 BF EOR \$BF,X

\$28C1 FE B5 FE INC \$FEB5,X

\$28C4 B5 FE LDA \$FE,X

\$28C6 B5 FE LDA \$FE,X

\$28C8 .byte \$00,\$00,\$80,\$00,\$00,\$02

\$28CE 20 00 00 JSR \$0000

\$28D1 .byte \$80

\$28D2 08 PHP

//-----

L_BRS_(\$28D6)_(\$2918) JAM

//-----

\$28D3 .byte \$00,\$00,\$00,\$02,\$00,\$00,\$02,\$00

\$28DB 08 PHP

\$28DC .byte \$00,\$00

\$28DE 20 00 00 JSR \$0000

\$28E1 .byte \$00,\$02,\$00,\$00

\$28E5 08 PHP

\$28E6 .byte \$80,\$00,\$00

\$28E9 4A LSR A

\$28EA B5 5C LDA \$5C,X

\$28EC .byte \$FB

\$28ED 6E FF BF ROR \$BFFF

\$28F0 88 DEY

\$28F1 .byte \$22

\$28F2 AA TAX

\$28F3 AA TAX


```

$28F4 AA    TAX
$28F5 AA    TAX
$28F6 AA    TAX
$28F7 AA    TAX
$28F8      .byte $00
//-----
L_BRS_($28FA)_($28FC) BAD
//-----
$28F9 20 D0 6C JSR L_JSR_($6CD0)_($28F9) JAM
$28FC D0 FC   BNE L_BRS_($28FA)_($28FC) BAD
$28FE D0 2C   BNE L_BRS_($292C)_($28FE) JAM
$2900 F0 BC   BEQ L_BRS_($28BE)_($2900) JAM
$2902 D0 3C   BNE L_BRS_($2940)_($2902) JAM
$2904      .byte $DC
$2905 68     PLA
$2906 90 00   BCC L_BRS_($2908)_($2906) JAM
//-----
L_BRS_($2908)_($2906) JAM
//-----
$2908      .byte $EF,$5B,$BF
$290B 6E B9 46 ROR $46B9
$290E      .byte $2B,$44,$EF,$7B,$BF
$2913 EE B9 46 INC $46B9
$2916      .byte $2B,$44
$2918 F0 BC   BEQ L_BRS_($28D6)_($2918) JAM
$291A D0 3C   BNE L_BRS_($2958)_($291A) JAM
$291C      .byte $DC
$291D 68     PLA
$291E 90 00   BCC L_BRS_($2920)_($291E) JAM

```

```

//-----
L_BRS_($2920)_($291E) JAM
//-----
$2920      .byte $00,$00,$00,$00,$00,$00,$7F
$2927 E0 00  CPX # $00
//-----
L_BRS_($292C)_($28FE) JAM
//-----
$2929      .byte $00,$00,$00,$00,$00,$F8,$0C,$1F
$2931 FD 6F FB  SBC $FB6F,X
$2934 7E EF FB  ROR $FB6F,X
$2937 7E BC EF  ROR $EFBC,X
$293A FD 6F FD  SBC $FD6F,X
//-----
L_BRS_($2940)_($2902) JAM
//-----
$293D      .byte $AF,$FF,$BB,$03
$2941 40      RTI
//-----
$2942      .byte $04
//-----
L_JSR_($2944)_($CDB6) BAD
//-----
$2943 30 00  BMI L_BRS_($2945)_($2943) OK
//-----
L_BRS_($2945)_($2943) OK
//-----
$2945 01 4C  ORA ($4C,X)
$2947 01 DD  ORA ($DD,X)

```

```

$2949      .byte $33
$294A 55 AA  EOR $AA,X
$294C 55 00  EOR $00,X
$294E AA    TAX
$294F      .byte $00,$FF,$FF,$FF,$FF,$FF,$FF,$FF
//-----
L_BRS_($2958)_($291A) JAM
//-----
$2957      .byte $FF,$00,$00,$00,$00,$00,$00,$00
$295F      .byte $00,$00,$00,$00,$00,$00,$3C,$FF,$F7
$2967      .byte $F7,$00,$00,$00,$00,$00,$00,$3C,$FF
$296F      .byte $F7
$2970 E6 E5  INC $E5
$2972 E5 E5  SBC $E5
$2974 E5 E5  SBC $E5
$2976 E5 ED  SBC $ED
$2978      .byte $00,$00,$00,$00,$00,$00,$00,$3C,$FF
$2980 55 AA  EOR $AA,X
$2982 9A    TXS
$2983 9A    TXS
$2984 9A    TXS
$2985 55 55  EOR $55,X
$2987 FD 55 AA SBC $AA55,X
$298A AA    TAX
$298B AA    TAX
$298C AA    TAX
$298D 55 55  EOR $55,X
$298F FD 00 00 SBC $0000,X
$2992      .byte $00,$00,$00,$00,$00,$00,$3C,$9B,$9B

```

```

$299A      .byte $9B,$9B,$9B
$299D 95 9B  STA $9B,X
$299F      .byte $9B
$29A0 E9 E9  SBC #$E9
$29A2 E9 EA  SBC #$EA
$29A4 A6 A6  LDX $A6
$29A6 AA     TAX
$29A7 A6 A9  LDX $A9
$29A9 A9 A9  LDA #$A9
$29AB A9 A9  LDA #$A9
$29AD 55 A9  EOR $A9,X
$29AF A9 AB  LDA #$AB
$29B1      .byte $AB,$AB,$AB,$AB,$AB,$AB,$AB,$5B
$29B9      .byte $5B,$5B,$5B,$5B,$5B,$5B,$DB,$00
$29C1 01 06  ORA ($06,X)
$29C3      .byte $1A
$29C4 6A     ROR A
$29C5 55 55  EOR $55,X
//-----
L_BRS_($29C8)_($2A36) JAM
//-----
$29C7      .byte $7F,$7B,$5B,$5B
$29CB 55 5D  EOR $5D,X
$29CD 55 5B  EOR $5B,X
$29CF      .byte $DB,$AB,$AB,$AB,$5B,$DB,$5B,$AB
$29D7      .byte $AB,$7B,$5B,$5B,$5B,$5B,$5B,$5B
$29DF      .byte $DB
$29E0 60     RTS
//-----

```

```
$29E1 70 30  BVS L_BRS_($2A13)_($29E1) OK
$29E3      .byte $00
$29E4 30 38  BMI L_BRS_($2A1E)_($29E4) BAD
$29E6 18    CLC
$29E7 08    PHP
$29E8 30 38  BMI L_BRS_($2A22)_($29E8) OK
$29EA 18    CLC
$29EB 08    PHP
$29EC 60    RTS
//-----
$29ED 70 30  BVS L_BRS_($2A1F)_($29ED) OK
//-----
L_BRS_($29F0)_($29EF) BAD
//-----
$29EF 10 FF  BPL L_BRS_($29F0)_($29EF) BAD
$29F1      .byte $FF,$FF,$FF,$FF,$42
$29F6 59 18 FF EOR $FF18,Y
$29F9      .byte $FF,$FF,$FF,$FF
$29FD D5 9A  CMP $9A,X
$29FF D9 A6 66 CMP $66A6,Y
$2A02 59 A5 65 EOR $65A5,Y
$2A05 BA    TSX
$2A06      .byte $42
$2A07 55 60  EOR $60,X
$2A09      .byte $1C,$64,$44
$2A0C 65 3D  ADC $3D
$2A0E      .byte $1A
$2A0F 25 55  AND $55
$2A11 66 66  ROR $66
```

```
//-----  
L_BRS_($2A13)_($29E1) OK  
  
//-----  
$2A13 66 56 ROR $56  
$2A15 .byte $5A  
$2A16 56 96 LSR $96,X  
$2A18 .byte $00  
$2A19 3E 59 59 ROL $5959,X  
  
//-----  
L_BRS_($2A1E)_($29E4) BAD  
  
//-----  
$2A1C 59 A7 1D EOR $1DA7,Y  
  
//-----  
L_BRS_($2A1F)_($29ED) OK  
  
//-----  
$2A1F 81 00 STA ($00,X)  
$2A21 08 PHP  
  
//-----  
L_BRS_($2A22)_($29E8) OK  
  
//-----  
$2A22 08 PHP  
$2A23 08 PHP  
$2A24 18 CLC  
$2A25 18 CLC  
$2A26 28 PLP  
$2A27 .byte $1A  
$2A28 1D 2B 15 ORA $152B,X  
$2A2B 2C 1A 14 BIT $141A  
$2A2E .byte $03,$34
```

```
$2A30 28    PLP
$2A31 A8    TAY
$2A32 D0 50  BNE L_BRS_($2A84)_($2A32) JAM
$2A34 88    DEY
$2A35 A8    TAY
$2A36 50 90  BVC L_BRS_($29C8)_($2A36) JAM
$2A38 29 22  AND #$22
$2A3A 0A    ASL A
$2A3B      .byte $22
$2A3C 29 AA  AND #AA
$2A3E A9 AA  LDA #AA
$2A40 A1 91  LDA ($91,X)
$2A42 51 52  EOR ($52),Y
$2A44      .byte $62,$62,$62
$2A47 60    RTS
//-----
$2A48 6D 66 59  ADC $5966
$2A4B 6E 4A 4A  ROR $4A4A
$2A4E      .byte $80,$80
$2A50 B0 5C  BCS L_BRS_($2AAE)_($2A50) BAD
$2A52 B0 4C  BCS L_BRS_($2AA0)_($2A52) OK
$2A54      .byte $7C,$4F,$97
$2A57 45 00  EOR $00
$2A59      .byte $00,$03,$00
$2A5C 20 03 00  JSR $0003
$2A5F 08    PHP
$2A60 99 A5 59  STA $59A5,Y
$2A63 55 56  EOR $56,X
$2A65 96 95  STX $95,Y
```

```
$2A67 55 AA  EOR $AA,X
$2A69 56 AA  LSR $AA,X
$2A6B A9 9A  LDA # $9A
$2A6D 99 6A 59 STA $596A,Y
$2A70 59 6A 95 EOR $956A,Y
$2A73 A5 95  LDA $95
$2A75 A5 99  LDA $99
$2A77 9A    TXS
$2A78      .byte $5A
$2A79 96 6A  STX $6A,Y
$2A7B 65 A5  ADC $A5
$2A7D 9A    TXS
$2A7E 9A    TXS
$2A7F AA    TAX
$2A80 F5 5F  SBC $5F,X
//-----
L_BRS_($2A84)_($2A32) JAM
//-----
$2A82      .byte $FF,$FF,$FF,$FF,$FF,$FF
$2A88 FD FD F7 SBC $F7FD,X
$2A8B      .byte $DF,$7B,$EB,$AB,$AB,$5F
$2A91 F5 FF  SBC $FF,X
$2A93      .byte $FF,$FF,$FF,$FF,$FF,$A7
$2A99 F5 77  SBC $77,X
$2A9B      .byte $D7,$FF,$FF,$FF,$FF
//-----
L_BRS_($2AA0)_($2A52) OK
//-----
$2AA0 16 3C  ASL $3C,X
```



```

$2AA2 76 63  ROR $63,X
$2AA4 61 B3  ADC ($B3,X)
$2AA6 4E BB 65 LSR $65BB
$2AA9 56 66  LSR $66,X
$2AAB 4A    LSR A
$2AAC 4A    LSR A
//-----
L_BRS_($2AAE)_($2A50) BAD
//-----
$2AAD 45 46  EOR $46
$2AAF 65 A5  ADC $A5
$2AB1 75 56  ADC $56,X
$2AB3      .byte $F2
$2AB4 EE DA 56 INC $56DA
$2AB7 8C 59 5A STY $5A59
$2ABA 58    CLI
$2ABB 58    CLI
$2ABC 58    CLI
$2ABD      .byte $A7,$67
$2ABF AC A7 AF LDY $AFA7
$2AC2      .byte $77,$5B,$F2,$89
$2AC6 B9 92 B5 LDA $B592,Y
$2AC9 75 6E  ADC $6E,X
$2ACB      .byte $52,$52,$5A
$2ACE 8E 92 A5 STX $A592
$2AD1 05 75  ORA $75
$2AD3 C9 89  CMP #89
$2AD5 D9 65 95 CMP $9565,Y
$2AD8 9A    TXS

```

```
$2AD9 8A    TXA
$2ADA B1 89  LDA ($89),Y
$2ADC 4A    LSR A
$2ADD 71 8A  ADC ($8A),Y
$2ADF      .byte $5A
$2AE0 AA    TAX
$2AE1 AA    TAX
$2AE2 A9 95  LDA #95
$2AE4 56 96  LSR $96,X
$2AE6 95 55  STA $55,X
$2AE8 AA    TAX
$2AE9 66 A9  ROR $A9
$2AEB A9 AA  LDA #$AA
$2AED 99 6A 59 STA $596A,Y
$2AF0 79 6E C7 ADC $C76E,Y
$2AF3      .byte $C7,$47
$2AF5 2D 99 82 AND $8299
$2AF8      .byte $5A
$2AF9 96 6A  STX $6A,Y
$2AFB 65 A5  ADC $A5
$2AFD 9A    TXS
$2AFE 9A    TXS
$2AFF AA    TAX
$2B00      .byte $04
$2B01 99 7A FF STA $FF7A,Y
$2B04      .byte $EF
$2B05 FE FF EF INC $EFFF,X
$2B08      .byte $FF,$7F,$DF,$B7
$2B0C 9D 9F 9F STA $9F9F,X
```

```
$2B0F      .byte $9F,$F7,$D7,$F7,$D7
$2B14 F5 57  SBC $57,X
$2B16      .byte $FF,$AB,$FF,$FF,$FF,$FF,$FF,$FF
$2B1E      .byte $FF,$FF
$2B20 AE E6 98 LDX $98E6
$2B23 9A     TXS
$2B24      .byte $67
$2B25 6A     ROR A
$2B26 1D 09 9A ORA $9A09,X
$2B29      .byte $1B
$2B2A 7D C6 97 ADC $97C6,X
$2B2D C6 7E  DEC $7E
$2B2F 38     SEC
$2B30 3D 76 66 AND $6676,X
$2B33 B6 9E  LDX $9E,Y
$2B35 69 59  ADC #$59
$2B37 66 5A  ROR $5A
$2B39      .byte $5A
$2B3A BD BD 5D LDA $5DBD,X
$2B3D      .byte $5A
$2B3E 65 AD  ADC $AD
$2B40      .byte $9E
$2B41 BA     TSX
$2B42      .byte $72
$2B43 7E 59 01 ROR $0159,X
$2B46 19 29 29 ORA $2929,Y
$2B49 7D 7D BD ADC $BD7D,X
$2B4C B9 A9 09 LDA $09A9,Y
$2B4F 09 25  ORA #$25
```

\$2B51 26 26 ROL \$26
\$2B53 .byte \$04,\$04,\$00,\$00,\$00,\$00,\$00,\$00
\$2B5B .byte \$00,\$00,\$00,\$00,\$00
\$2B60 3E 7F AA ROL \$AA7F,X
\$2B63 C0 8A CPY #\$8A
\$2B65 CA DEX
\$2B66 9A TXS
\$2B67 29 A2 AND #\$A2
\$2B69 95 82 STA \$82,X
\$2B6B 8D 52 9A STA \$9A52
\$2B6E .byte \$5C,\$80
\$2B70 BD DA 3F LDA \$3FDA,X
\$2B73 .byte \$DF,\$37
\$2B75 BE 3F B6 LDX \$B63F,Y
\$2B78 56 95 LSR \$95,X
\$2B7A .byte \$5F
\$2B7B 95 6E STA \$6E,X
\$2B7D .byte \$3C
\$2B7E 18 CLC
\$2B7F .byte \$00,\$00,\$02
\$2B82 0A ASL A
\$2B83 0A ASL A
\$2B84 2A ROL A
\$2B85 6A ROR A
\$2B86 66 56 ROR \$56
\$2B88 A5 A5 LDA \$A5
\$2B8A A9 9A LDA #\$9A
\$2B8C AA TAX
\$2B8D A9 96 LDA #\$96

```
$2B8F A5 FE LDA $FE
$2B91 .byte $FF,$FF,$BB
$2B94 A6 9A LDX $9A
$2B96 6A ROR A
$2B97 A5 EE LDA $EE
$2B99 .byte $FF
$2B9A FE EE AA INC $AAEE,X
$2B9D 99 A9 AA STA $AAA9,Y
$2BA0 95 55 STA $55,X
$2BA2 99 55 A5 STA $A555,Y
$2BA5 55 5A EOR $5A,X
$2BA7 59 C0 C0 EOR $C0C0,Y
$2BAA C0 70 CPY #$70
$2BAC .byte $5F
$2BAD 95 A5 STA $A5,X
$2BAF 95 56 STA $56,X
$2BB1 A5 55 LDA $55
$2BB3 96 A6 STX $A6,Y
$2BB5 65 59 ADC $59
$2BB7 99 A5 55 STA $55A5,Y
$2BBA 55 95 EOR $95,X
$2BBC 6A ROR A
$2BBD 56 66 LSR $66,X
$2BBF AA TAX
$2BC0 DE 5F DD DEC $DD5F,X
$2BC3 .byte $D7,$FF,$FF,$FF,$FF,$00,$00,$02
$2BCB .byte $02,$02
$2BCD 01 0A ORA ($0A,X)
$2BCF 0A ASL A
```

```
$2BD0    .byte $FF
$2BD1 FD F7 DF SBC $DFF7,X
$2BD4    .byte $7F,$DF,$9F,$9F
$2BD8 09 09  ORA #$09
$2BDA 09 0A  ORA #$0A
$2BDC 2A    ROL A
$2BDD 2A    ROL A
$2BDE 29 2A  AND #$2A
$2BE0 C0 C0  CPY #$C0
$2BE2 C0 70  CPY #$70
$2BE4 70 70  BVS L_BRS_($2C56)_($2BE4) OK
$2BE6 70 70  BVS L_BRS_($2C58)_($2BE6) BAD
$2BE8    .byte $DF,$D7,$DF,$D7,$5F
$2BED D5 BF  CMP $BF,X
$2BEF    .byte $AB
$2BF0 B0 5C  BCS L_BRS_($2C4E)_($2BF0) OK
$2BF2 6C 5C 9C JMP ($9C5C)
$2BF5    .byte $9C,$67,$57,$7F,$7F,$DF,$B7
$2BFC AD AB AB LDA $ABAB
$2BFF    .byte $AB,$00,$00,$00,$00,$00
$2C05 68    PLA
$2C06 66 54  ROR $54
$2C08    .byte $00,$00,$00
$2C0B 0A    ASL A
$2C0C 0A    ASL A
$2C0D 2A    ROL A
$2C0E 2A    ROL A
$2C0F AA    TAX
$2C10 58    CLI
```

\$2C11 58 CLI
\$2C12 58 CLI
\$2C13 .byte \$92
\$2C14 A8 TAY
\$2C15 AA TAX
\$2C16 6A ROR A
\$2C17 A9 AE LDA #\$AE
\$2C19 .byte \$FF,\$00
\$2C1B AA TAX
\$2C1C .byte \$00
\$2C1D 99 A9 AA STA \$AAA9,Y
\$2C20 .byte \$00,\$00,\$00
\$2C23 AA TAX
\$2C24 AE AA BA LDX \$BAAA
\$2C27 AA TAX
\$2C28 .byte \$00,\$00,\$00
\$2C2B AA TAX
\$2C2C BA TSX
\$2C2D AA TAX
\$2C2E AE AA EC LDX \$ECAA
\$2C31 .byte \$FF,\$00
\$2C33 AA TAX
\$2C34 .byte \$FF,\$00,\$00,\$00
\$2C38 55 6A EOR \$6A,X
\$2C3A 6A ROR A
\$2C3B 6A ROR A
\$2C3C 6A ROR A
\$2C3D 55 55 EOR \$55,X
\$2C3F FD 00 00 SBC \$0000,X

```

$2C42    .byte $00
$2C43 AC AC AB LDY $ABAC
$2C46    .byte $AB
$2C47 AA    TAX
$2C48    .byte $00,$00,$00,$00,$00
$2C4D 2A    ROL A
//-----
L_BRS_($2C4E)_($2BF0) OK
//-----
$2C4E 25 C5    AND $C5
$2C50 EE FF 00 INC $00FF
$2C53 AA    TAX
$2C54    .byte $00
$2C55 AA    TAX
//-----
L_BRS_($2C56)_($2BE4) OK
L_BRS_($2C58)_($2BE6) BAD
//-----
$2C56 99 2A C5 STA $C52A,Y
$2C59 C5 09    CMP $09
$2C5B A1 0A    LDA ($0A,X)
$2C5D 96 66    STX $66,Y
$2C5F AA    TAX
$2C60 1D 2B 15 ORA $152B,X
$2C63 2C 1A 1C BIT $1C1A
$2C66    .byte $6B,$FB
$2C68 28    PLP
$2C69 A8    TAY
$2C6A D0 50    BNE L_BRS_($2CBC)_($2C6A) OK

```


\$2C6C 88 DEY
\$2C6D A8 TAY
\$2C6E 55 FF EOR \$FF,X
\$2C70 .byte \$7F,\$FF,\$FF,\$BF,\$6F
\$2C75 2D 02 29 AND \$2902
\$2C78 .byte \$FF,\$FF,\$FF,\$BB
\$2C7C AA TAX
\$2C7D 96 A6 STX \$A6,Y
\$2C7F AA TAX
\$2C80 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$2C88 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$2C90 .byte \$FF,\$FF,\$FF,\$FF,\$FF
\$2C95 79 56 82 ADC \$8256,Y
\$2C98 FE FF FF INC \$FFFF,X
\$2C9B .byte \$FF,\$F2,\$DA
\$2C9E 39 BA 7E AND \$7EBA,Y
\$2CA1 7E 1C 0C ROR \$0C1C,X
\$2CA4 .byte \$00
\$2CA5 18 CLC
\$2CA6 .byte \$1C,\$0C
\$2CA8 55 AA EOR \$AA,X
\$2CAA 6A ROR A
\$2CAB .byte \$DA
\$2CAC F6 FD INC \$FD,X
\$2CAE .byte \$FF,\$7F
\$2CB0 55 AA EOR \$AA,X
\$2CB2 AA TAX
\$2CB3 AA TAX
\$2CB4 AA TAX

```

$2CB5 55 F7  EOR $F7,X
$2CB7      .byte $DF
$2CB8 18    CLC
$2CB9      .byte $1C,$0C,$04
//-----
L_BRS_($2CBC)_($2C6A) OK
//-----
$2CBC 18    CLC
$2CBD      .byte $1C,$0C,$04,$00,$00,$00,$00,$00
$2CC5 0A    ASL A
$2CC6 26 15  ROL $15
$2CC8      .byte $00,$00,$00,$00,$00
$2CCD A0 54  LDY #$54
$2CCF      .byte $54
$2CD0 15 15  ORA $15,X
$2CD2 55 99  EOR $99,X
$2CD4 99 A6 59 STA $59A6,Y
$2CD7 A9 59  LDA #$59
$2CD9 55 55  EOR $55,X
$2CDB 66 AA  ROR $AA
$2CDD 99 99 AA STA $AA99,Y
$2CE0 55 AA  EOR $AA,X
$2CE2 A5 9F  LDA $9F
$2CE4      .byte $7F,$FF,$FF,$FF,$00
$2CE9 20 A8 7A JSR L_JSR_($7AA8)_($2CE9) BAD
$2CEC      .byte $FA
$2CED F9 7A 54 SBC $547A,Y
$2CF0 55 5A  EOR $5A,X
$2CF2 D9 57 DE CMP $DE57,Y

```

```
$2CF5      .byte $5B,$DB,$5B
$2CF8 55 95  EOR $95,X
$2CFA      .byte $7F,$EF,$EF,$FB,$FB,$BF,$00,$00
$2D02      .byte $00,$00,$00
$2D05 6A     ROR A
$2D06 65 55  ADC $55
$2D08      .byte $00,$00,$00,$00,$00,$00,$00,$00
$2D10 55 55  EOR $55,X
$2D12 55 95  EOR $95,X
$2D14 AA     TAX
$2D15 A6 6A  LDX $6A
$2D17 A5 69  LDA $69
$2D19 65 56  ADC $56
$2D1B 56 66  LSR $66,X
$2D1D 99 99 56 STA $5699,Y
$2D20      .byte $00,$00,$00,$00,$00,$00,$00,$00
$2D28      .byte $00,$00,$00,$00,$80
$2D2D EA     NOP
$2D2E      .byte $EF,$FF
$2D30 59 5A 55 EOR $555A,Y
$2D33 9A     TXS
$2D34 66 9A  ROR $9A
$2D36 99 AA 95 STA $95AA,Y
$2D39 55 55  EOR $55,X
$2D3B 99 A6 99 STA $99A6,Y
$2D3E A6 A6  LDX $A6
$2D40 6D 2D CD ADC $CD2D
$2D43      .byte $FC,$1A
$2D45 45 55  EOR $55
```

\$2D47 AA TAX
\$2D48 .byte \$7C
\$2D49 C6 AA DEC \$AA
\$2D4B BA TSX
\$2D4C D6 7C DEC \$7C,X
\$2D4E 01 56 ORA (\$56,X)
\$2D50 .byte \$B7,\$4B
\$2D52 45 65 EOR \$65
\$2D54 B9 85 5A LDA \$5A85,Y
\$2D57 56 56 LSR \$56,X
\$2D59 A6 54 LDX \$54
\$2D5B 55 55 EOR \$55,X
\$2D5D 56 55 LSR \$55,X
\$2D5F 9A TXS
\$2D60 EA NOP
\$2D61 .byte \$EF,\$BF
\$2D63 BD 55 95 LDA \$9555,X
\$2D66 56 56 LSR \$56,X
\$2D68 A5 6A LDA \$6A
\$2D6A 66 55 ROR \$55
\$2D6C 55 55 EOR \$55,X
\$2D6E 65 69 ADC \$69
\$2D70 A5 FA LDA \$FA
\$2D72 4E 46 65 LSR \$6546
\$2D75 9A TXS
\$2D76 A6 56 LDX \$56
\$2D78 BA TSX
\$2D79 F9 7D EE SBC \$EE7D,Y
\$2D7C .byte \$E7

```

$2D7D A6 76 LDX $76
$2D7F A5 06 LDA $06
$2D81      .byte $00
$2D82 06 BF ASL $BF
$2D84 06 06 ASL $06
$2D86 06 06 ASL $06
$2D88      .byte $00,$00,$00
$2D8B D0 00 BNE L_BRS_($2D8D)_($2D8B) JAM
//-----
L_BRS_($2D8D)_($2D8B) JAM
//-----
$2D8D      .byte $00,$00,$00,$00
$2D91 06 00 ASL $00
$2D93      .byte $00,$00,$00,$00,$00
$2D98 84 CE STY $CE
$2D9A      .byte $FB
$2D9B F5 EE SBC $EE,X
$2D9D F5 F5 SBC $F5,X
//-----
L_BRS_($2DA0)_($2E0E) BAD
//-----
$2D9F 75 20 ADC $20,X
$2DA1 40 RTI
//-----
$2DA2 A0 C0 LDY #$C0
//-----
L_BRS_($2DA4)_($2DD2) OK
//-----
$2DA4 A0 C0 LDY #$C0

```

```

//-----
L_BRS_($2DA6)_($2DD4) OK
//-----
$2DA6 A0 C0 LDY #C0
//-----
L_BRS_($2DA8)_($2DD6) JAM
//-----
$2DA8 .byte $3B,$1F,$00,$00,$00,$00,$00,$00
$2DB0 .byte $80,$00,$00,$00,$00,$00,$00,$00
$2DB8 FD 00 FD SBC $FD00,X
$2DBB FD 7A 18 SBC $187A,X
$2DBE 18 CLC
$2DBF 18 CLC
$2DC0 .byte $34,$FB,$00,$00,$00,$00,$00,$00
$2DC8 79 86 B1 ADC $B186,Y
$2DCB B9 B1 B9 LDA $B9B1,Y
$2DCE B1 B9 LDA ($B9),Y
$2DD0 E0 10 CPX #$10
//-----
L_BRS_($2DD2)_($2DE0) OK
L_BRS_($2DD3)_($2DED) BAD
//-----
$2DD2 90 D0 BCC L_BRS_($2DA4)_($2DD2) OK
//-----
L_BRS_($2DD4)_($2DEB) OK
//-----
$2DD4 90 D0 BCC L_BRS_($2DA6)_($2DD4) OK
$2DD6 90 D0 BCC L_BRS_($2DA8)_($2DD6) JAM
$2DD8 86 F9 STX $F9

```

```

$2DDA      .byte $00,$00,$00,$00,$00,$00
$2DE0 10 F0  BPL L_BRS_($2DD2)_($2DE0) OK
$2DE2      .byte $00,$00,$00,$00,$00,$00
$2DE8 10 08  BPL L_BRS_($2DF2)_($2DE8) OK
//-----
L_BRS_($2DEA)_($2E5E) JAM
//-----
$2DEA      .byte $37
$2DEB 50 E7  BVC L_BRS_($2DD4)_($2DEB) OK
$2DED D0 E4  BNE L_BRS_($2DD3)_($2DED) BAD
$2DEF D0 00  BNE L_BRS_($2DF1)_($2DEF) JAM
//-----
L_BRS_($2DF1)_($2DEF) JAM
//-----
$2DF1      .byte $00
//-----
L_BRS_($2DF2)_($2DE8) OK
//-----
$2DF2 20 60 00 JSR $0060
$2DF5      .byte $00,$00,$00
$2DF8 60    RTS
//-----
$2DF9      .byte $00,$00,$00,$00,$00,$00,$00,$0F
$2E01 10 20  BPL L_BRS_($2E23)_($2E01) OK
$2E03 20 A0 A0 JSR $A0A0
$2E06 A0 50  LDY #$50
$2E08      .byte $80
$2E09 40    RTI
//-----

```

```

$2E0A 60    RTS
//-----
$2E0B 60    RTS
//-----
$2E0C 50 50  BVC L_BRS_($2E5E)_($2E0C) OK
$2E0E 50 90  BVC L_BRS_($2DA0)_($2E0E) BAD
$2E10      .byte $2F
$2E11 10 0F  BPL L_BRS_($2E22)_($2E11) JAM
$2E13      .byte $00,$00,$00,$00,$00
$2E18 20 40 80 JSR L_JSR_($8040)_($2E18) BAD
//-----
L_BRS_($2E22)_($2E11) JAM
//-----
$2E1B      .byte $00,$00,$00,$00,$00,$64,$7C,$3F
//-----
L_BRS_($2E23)_($2E01) OK
//-----
$2E23 7E F8 37 ROR $37F8,X
//-----
L_BRS_($2E26)_($2E9C) OK
//-----
$2E26 0D 0E 00 ORA $000E
$2E29      .byte $00,$00,$00,$00,$00,$00,$80
$2E30 06 03  ASL $03
$2E32 01 00  ORA ($00,X)
$2E34      .byte $00,$00,$00,$00,$80
$2E39 40    RTI
//-----
$2E3A 40    RTI

```



```

//-----
$2E3B A0 60 LDY #60
$2E3D 20 00 00 JSR $0000
$2E40 .byte $FF,$FF,$FF,$FF,$FF,$FF,$FF,$FF
$2E48 .byte $00,$00,$00,$00,$00,$00,$9B,$FF
$2E50 .byte $00,$00,$00,$00,$00,$00
$2E56 E9 DF SBC #DF
$2E58 .byte $00,$00,$00
$2E5B A8 TAY
$2E5C A0 88 LDY #88
//-----
L_BRS_($2E5E)_($2E0C) OK
//-----
$2E5E B0 8A BCS L_BRS_($2DEA)_($2E5E) JAM
$2E60 .byte $00,$00,$00,$00
$2E64 88 DEY
$2E65 .byte $00,$80,$22,$00,$00,$00,$22,$00
$2E6D .byte $02
$2E6E 08 PHP
$2E6F 20 00 00 JSR $0000
$2E72 .byte $00
$2E73 0A ASL A
$2E74 .byte $32
$2E75 0A ASL A
$2E76 8E 22 EC STX $EC22
$2E79 .byte $33,$00
$2E7B 8A TXA
$2E7C .byte $00,$00
$2E7E 20 02 C0 JSR L_JSR_($C002)_($2E7E) JAM

```

```

$2E81      .byte $33,$00
$2E83 88    DEY
$2E84      .byte $00
$2E85 20 20 02 JSR $0220
$2E88      .byte $0C,$33,$00
$2E8B 8A    TXA
$2E8C      .byte $00
$2E8D 20 20 02 JSR $0220
$2E90 2E CF 00 ROL $00CF
$2E93 AA    TAX
$2E94      .byte $00
$2E95 20 20 02 JSR $0220
$2E98      .byte $00,$00,$00
$2E9B 88    DEY
$2E9C 30 88 BMI L_BRS_($2E26)_($2E9C) OK
$2E9E 20 88 00 JSR $0088
$2EA1      .byte $00,$00
$2EA3 88    DEY
$2EA4      .byte $00,$00,$00,$82,$00,$00,$00,$00
$2EAC      .byte $80,$00,$00,$00,$00,$00,$00,$02
$2EB4      .byte $00,$00,$00,$00,$00,$00,$00,$02
$2EBC 30 02 BMI L_BRS_($2EC0)_($2EBC) BAD
$2EBE      .byte $00
//-----
L_BRS_($2EC0)_($2EBC) BAD
//-----
$2EBF 20 00 00 JSR $0000
$2EC2      .byte $00,$22,$80,$02,$00
$2EC7 20 C0 30 JSR L_JSR_($30C0)_($2EC7) BAD

```

```

$2ECA    .byte $00
$2ECB 88    DEY
$2ECC    .byte $00,$00
$2ECE 20 00 17 JSR L_JSR_($1700)_($2ECE) OK
$2ED1 2D 17 4B AND $4B17
$2ED4    .byte $17
$2ED5 2D 17 4B AND $4B17
$2ED8    .byte $00,$00,$00,$00
$2EDC 20 00 00 JSR $0000
$2EDF    .byte $00,$00,$00,$00,$00,$00,$00,$00
$2EE7    .byte $02,$02,$C3,$00,$22,$00
$2EED 20 20 02 JSR $0220
$2EF0 EE FF 00 INC $00FF
$2EF3 AA    TAX
$2EF4    .byte $00
$2EF5 20 20 02 JSR $0220
//-----
L_JSR_($2EF8)_($1529) JAM
//-----
$2EF8    .byte $00,$00,$00,$80,$00,$00,$00,$00
$2F00    .byte $00,$00,$00,$02,$00,$00,$00,$00
$2F08    .byte $00,$00,$00,$00,$00,$00,$00,$00
$2F10    .byte $00,$00,$00,$02,$00,$00,$00,$00
$2F18    .byte $00,$00,$00,$00
$2F1C 0D F0 30 ORA $30F0
//-----
L_BRS_($2F23)_($2F61) JAM
//-----
$2F1F    .byte $FC,$00,$00,$00,$00

```

```
$2F24 50 04  BVC L_BRS_($2F2A)_($2F24) JAM
//-----
L_BRS_($2F2A)_($2F24) JAM
//-----
$2F26      .byte $04,$14,$00,$00,$00,$00,$00,$00
$2F2E 09 7E  ORA #$7E
$2F30      .byte $00,$00,$00,$00,$00,$00
$2F36 60    RTS
//-----
$2F37      .byte $FC,$00,$00,$00,$02,$02
$2F3D 09 09  ORA #$09
$2F3F 09 25  ORA #$25
$2F41 95 95  STA $95,X
$2F43 95 2A  STA $2A,X
$2F45      .byte $00
$2F46 25 40  AND $40
$2F48      .byte $00
$2F49 C0 C0  CPY #$C0
$2F4B C0 30  CPY #$30
$2F4D 30 1C  BMI L_BRS_($2F6B)_($2F4D) JAM
$2F4F      .byte $5C,$02,$00,$00,$00,$00,$00,$00
$2F57      .byte $00
$2F58 95 15  STA $15,X
$2F5A 95 95  STA $95,X
$2F5C 15 80  ORA $80,X
$2F5E 95 15  STA $15,X
$2F60      .byte $5C
$2F61 70 C0  BVS L_BRS_($2F23)_($2F61) JAM
$2F63 C0 00  CPY #$00
```

```

$2F65 C0 C0   CPY # $C0
//-----
L_BRS_($2F6B)_($2F4D) JAM
//-----
$2F67      .byte $00,$00,$00,$00,$00,$00,$00,$00
$2F6F      .byte $00,$80
$2F71 91 91   STA ($91),Y
$2F73 91 01   STA ($01),Y
$2F75 91 00   STA ($00),Y
$2F77 01 C0   ORA ($C0,X)
$2F79 C0 C0   CPY # $C0
$2F7B C0 C0   CPY # $C0
$2F7D C0 00   CPY # $00
$2F7F C0 00   CPY # $00
//-----
L_BRS_($2F81)_($2FBF) JAM
//-----
$2F81      .byte $00,$00,$00,$02,$02
$2F86 09 09   ORA # $09
$2F88 25 95   AND $95
$2F8A 95 95   STA $95,X
$2F8C 2A     ROL A
$2F8D      .byte $00
$2F8E 25 40   AND $40
$2F90      .byte $00
$2F91 C0 C0   CPY # $C0
$2F93 F0 30   BEQ L_BRS_($2FC5)_($2F93) OK
$2F95      .byte $1C,$1C,$5C
$2F98 09 02   ORA # $02

```

```

$2F9A      .byte $00,$00,$00,$00,$00,$00
$2FA0 55 55  EOR $55,X
$2FA2 95 95  STA $95,X
$2FA4 15 80  ORA $80,X
$2FA6 95 15  STA $15,X
$2FA8 70 00  BVS L_BRS_($2FAA)_($2FA8) OK
//-----
L_BRS_($2FAA)_($2FA8) OK
//-----
$2FAA C0 C0  CPY #$C0
$2FAC      .byte $00
$2FAD C0 C0  CPY #$C0
$2FAF      .byte $00,$7A,$3A,$34
$2FB3 10 00  BPL L_BRS_($2FB5)_($2FB3) JAM
//-----
L_BRS_($2FB5)_($2FB3) JAM
//-----
$2FB5      .byte $00,$00,$00,$80
$2FB9 91 91  STA ($91),Y
$2FBB 91 90  STA ($90),Y
$2FBD 91 00  STA ($00),Y
$2FBF 90 C0  BCC L_BRS_($2F81)_($2FBF) JAM
$2FC1 C0 C0  CPY #$C0
$2FC3 C0 00  CPY #$00
//-----
L_BRS_($2FC5)_($2F93) OK
//-----
$2FC5 C0 00  CPY #$00
$2FC7      .byte $00

```

```

$2FC8 09 09  ORA # $09
$2FCA 0A  ASL A
$2FCB 09 0A  ORA # $0A
$2FCD 09 02  ORA # $02
$2FCF      .byte $02,$5C,$5C,$5C,$7C
$2FD4 70 70  BVS L_BRS_($3046)_($2FD4) OK
$2FD6 70 70  BVS L_BRS_($3048)_($2FD6) JAM
$2FD8      .byte $02,$02,$02,$02,$02,$00,$00,$00
$2FE0 70 70  BVS L_BRS_($3052)_($2FE0) OK
$2FE2 C0 C0  CPY # $C0
$2FE4 C0 C0  CPY # $C0
$2FE6 C0 C0  CPY # $C0
$2FE8      .byte $5B,$6B,$5B,$6B,$5C
$2FED 6C 1C 6C JMP ($6C1C)
$2FF0      .byte $1C
$2FF1 30 30  BMI L_BRS_($3023)_($2FF1) JAM
$2FF3 30 30  BMI L_BRS_($3025)_($2FF3) JAM
$2FF5 30 30  BMI L_BRS_($3027)_($2FF5) BAD
$2FF7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$2FFF      .byte $00
//-----
L_JSR_($3000)_($1564) OK
L_JSR_($3000)_($1576) OK
L_JSR_($3000)_($1588) OK
//-----
$3000 08  PHP
$3001 08  PHP
$3002      .byte $02,$02,$0F
$3005 08  PHP

```

```
$3006 08    PHP
$3007      .byte $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
$300F      .byte $0F,$02,$0F,$0F
$3013 08    PHP
$3014 0A    ASL A
$3015 08    PHP
$3016      .byte $03,$03,$02
$3019 08    PHP
$301A 08    PHP
$301B 08    PHP
$301C 08    PHP
$301D      .byte $0C
$301E 08    PHP
//-----
L_JSR_($3020)_($CD94) JAM
L_BRS_($3023)_($2FF1) JAM
L_BRS_($3025)_($2FF3) JAM
//-----
$301F      .byte $0C,$0C,$0C,$0C,$0C,$02,$02
//-----
L_BRS_($3027)_($2FF5) BAD
//-----
$3026 06 06  ASL $06
$3028 08    PHP
$3029 06 08  ASL $08
$302B 08    PHP
$302C 08    PHP
$302D 08    PHP
$302E 08    PHP
```


\$302F 08 PHP

//-----

L_JSR_(\$3030)_(\$9A71) OK

//-----

\$3030 08 PHP

\$3031 08 PHP

\$3032 08 PHP

\$3033 08 PHP

\$3034 .byte \$0F

\$3035 08 PHP

\$3036 08 PHP

\$3037 08 PHP

\$3038 08 PHP

\$3039 08 PHP

\$303A 08 PHP

\$303B 08 PHP

\$303C 08 PHP

\$303D 08 PHP

\$303E 08 PHP

\$303F 08 PHP

\$3040 .byte \$0F,\$0F,\$0F,\$0F,\$0F

\$3045 08 PHP

//-----

L_BRS_(\$3046)_(\$2FD4) OK

//-----

\$3046 08 PHP

\$3047 08 PHP

//-----

L_BRS_(\$3048)_(\$2FD6) JAM

```
//-----  
$3048 .byte $0F,$0F
```

```
$304A 08 PHP
```

```
$304B 08 PHP
```

```
$304C .byte $0F,$0F,$0F,$0F
```

```
$3050 08 PHP
```

```
$3051 08 PHP
```

```
//-----  
L_BRS_($3052)_($2FE0) OK
```

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

```
$3052 08 PHP
```

```
$3053 08 PHP
```

```
$3054 .byte $0F,$0F,$0F,$0F,$0F,$0F,$0F,$0F
```

```
$305C .byte $0F,$0F,$0F,$0F
```

```
$3060 08 PHP
```

```
$3061 08 PHP
```

```
$3062 08 PHP
```

```
$3063 08 PHP
```

```
$3064 .byte $0F,$0F,$0F,$0F,$0F,$0F,$0F
```

```
$306B 08 PHP
```

```
$306C .byte $0F,$0F,$0F,$0F
```

```
$3070 08 PHP
```

```
$3071 08 PHP
```

```
$3072 08 PHP
```

```
$3073 08 PHP
```

```
$3074 08 PHP
```

```
$3075 08 PHP
```

```
$3076 08 PHP
```

```
$3077 08 PHP
```

\$3078	08	PHP
\$3079	08	PHP
\$307A	08	PHP
\$307B	08	PHP
\$307C	08	PHP
\$307D	08	PHP
\$307E	08	PHP
\$307F	08	PHP
\$3080	08	PHP
\$3081	08	PHP
\$3082	08	PHP
\$3083	08	PHP
\$3084	08	PHP
\$3085	08	PHP
\$3086	08	PHP
\$3087	08	PHP
\$3088	08	PHP
\$3089	08	PHP
\$308A	08	PHP
\$308B	08	PHP
\$308C	08	PHP
\$308D	08	PHP
\$308E	08	PHP
\$308F	08	PHP
\$3090	08	PHP
\$3091	08	PHP
\$3092	08	PHP
\$3093	08	PHP
\$3094		.byte \$0F

\$3095 08 PHP
\$3096 08 PHP
\$3097 08 PHP
\$3098 08 PHP
\$3099 08 PHP
\$309A 08 PHP
\$309B 08 PHP
\$309C 08 PHP
\$309D 08 PHP
\$309E 08 PHP
\$309F 08 PHP
\$30A0 08 PHP
\$30A1 08 PHP
\$30A2 08 PHP
\$30A3 .byte \$0F
\$30A4 08 PHP
\$30A5 08 PHP
\$30A6 08 PHP
\$30A7 08 PHP
\$30A8 .byte \$0F,\$0F,\$0F
\$30AB 08 PHP
\$30AC 08 PHP
\$30AD .byte \$0F,\$0F,\$0F
\$30B0 01 01 ORA (\$01,X)
\$30B2 01 08 ORA (\$08,X)
\$30B4 08 PHP
\$30B5 08 PHP
\$30B6 08 PHP
\$30B7 08 PHP

```
$30B8 08    PHP
$30B9 08    PHP
$30BA 08    PHP
$30BB 08    PHP
$30BC 08    PHP
$30BD 01 01  ORA ($01,X)
//-----
L_JSR_($30C0)_($2EC7) BAD
//-----
$30BF 01 08  ORA ($08,X)
$30C1 08    PHP
$30C2 08    PHP
$30C3 08    PHP
$30C4      .byte $02,$02,$02,$02,$03
$30C9 08    PHP
$30CA 08    PHP
$30CB 08    PHP
$30CC 08    PHP
$30CD 08    PHP
$30CE 08    PHP
$30CF 08    PHP
$30D0 08    PHP
$30D1 08    PHP
$30D2 08    PHP
$30D3 08    PHP
$30D4 08    PHP
$30D5 08    PHP
$30D6 08    PHP
$30D7 08    PHP
```

\$30D8 08 PHP
\$30D9 08 PHP
\$30DA .byte \$03
\$30DB 08 PHP
\$30DC 08 PHP
\$30DD 08 PHP
\$30DE 08 PHP
\$30DF 08 PHP
\$30E0 08 PHP
\$30E1 08 PHP
\$30E2 08 PHP
\$30E3 08 PHP
\$30E4 08 PHP
\$30E5 08 PHP
\$30E6 08 PHP
\$30E7 08 PHP
\$30E8 08 PHP
\$30E9 .byte \$0F
\$30EA 08 PHP
\$30EB 08 PHP
\$30EC 08 PHP
\$30ED 08 PHP
\$30EE 08 PHP
\$30EF 08 PHP
\$30F0 08 PHP
\$30F1 08 PHP
\$30F2 08 PHP
\$30F3 08 PHP
\$30F4 08 PHP

\$30F5 08 PHP
\$30F6 08 PHP
\$30F7 08 PHP
\$30F8 08 PHP
\$30F9 08 PHP
\$30FA 08 PHP
\$30FB 08 PHP
\$30FC 08 PHP
\$30FD 08 PHP
\$30FE 08 PHP
\$30FF 08 PHP
\$3100 .byte \$00
\$3101 01 01 ORA (\$01,X)
\$3103 01 01 ORA (\$01,X)
\$3105 .byte \$00,\$00
\$3107 01 03 ORA (\$03,X)
\$3109 01 00 ORA (\$00,X)
\$310B .byte \$03,\$03,\$03,\$03,\$03
\$3110 01 03 ORA (\$03,X)
\$3112 01 00 ORA (\$00,X)
\$3114 .byte \$00,\$00,\$02,\$02
\$3118 01 00 ORA (\$00,X)
\$311A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3121 01 00 ORA (\$00,X)
\$3123 01 01 ORA (\$01,X)
\$3125 01 03 ORA (\$03,X)
\$3127 .byte \$03,\$03,\$03,\$03,\$03,\$03,\$03,\$03
\$312F .byte \$03,\$02,\$02,\$03,\$02,\$02,\$02,\$02
\$3137 .byte \$02,\$02,\$02,\$02,\$02

\$313C 06 06 ASL \$06
\$313E 01 01 ORA (\$01,X)
\$3140 01 01 ORA (\$01,X)
\$3142 01 01 ORA (\$01,X)
\$3144 .byte \$03,\$00,\$00
\$3147 01 01 ORA (\$01,X)
\$3149 01 01 ORA (\$01,X)
\$314B .byte \$00
\$314C 01 01 ORA (\$01,X)
\$314E 01 01 ORA (\$01,X)
\$3150 .byte \$02,\$02,\$02
\$3153 01 01 ORA (\$01,X)
\$3155 01 01 ORA (\$01,X)
\$3157 01 01 ORA (\$01,X)
\$3159 01 01 ORA (\$01,X)
\$315B 01 01 ORA (\$01,X)
\$315D 01 01 ORA (\$01,X)
\$315F 01 02 ORA (\$02,X)
\$3161 .byte \$02,\$02,\$02
\$3164 01 01 ORA (\$01,X)
\$3166 01 01 ORA (\$01,X)
\$3168 01 03 ORA (\$03,X)
\$316A .byte \$03,\$03,\$03,\$03,\$03,\$03,\$03,\$03
\$3172 01 01 ORA (\$01,X)
\$3174 .byte \$03,\$03
\$3176 01 01 ORA (\$01,X)
\$3178 .byte \$02,\$03,\$02,\$03,\$03,\$02,\$03,\$02
\$3180 01 01 ORA (\$01,X)
\$3182 01 01 ORA (\$01,X)

\$3184 0A ASL A
\$3185 0A ASL A
\$3186 01 01 ORA (\$01,X)
\$3188 01 01 ORA (\$01,X)
\$318A 01 01 ORA (\$01,X)
\$318C 01 01 ORA (\$01,X)
\$318E 01 01 ORA (\$01,X)
\$3190 01 01 ORA (\$01,X)
\$3192 01 01 ORA (\$01,X)
\$3194 05 02 ORA \$02
\$3196 .byte \$02
\$3197 06 01 ASL \$01
\$3199 01 01 ORA (\$01,X)
\$319B 01 02 ORA (\$02,X)
\$319D .byte \$02,\$02,\$02
\$31A0 01 01 ORA (\$01,X)
\$31A2 01 01 ORA (\$01,X)
\$31A4 01 01 ORA (\$01,X)
\$31A6 01 01 ORA (\$01,X)
\$31A8 01 01 ORA (\$01,X)
\$31AA 01 01 ORA (\$01,X)
\$31AC 01 01 ORA (\$01,X)
\$31AE 01 01 ORA (\$01,X)
\$31B0 .byte \$0B,\$00,\$00,\$00,\$00,\$00,\$00
\$31B7 0E 00 0F ASL \$0F00
\$31BA .byte \$00,\$00,\$00
\$31BD 08 PHP
\$31BE .byte \$00,\$00
\$31C0 09 00 ORA # \$00

```
$31C2      .byte $00,$00,$07,$00,$00,$00,$0C
$31C9 01 01  ORA ($01,X)
$31CB 01 01  ORA ($01,X)
$31CD 01 01  ORA ($01,X)
$31CF 01 01  ORA ($01,X)
$31D1 01 01  ORA ($01,X)
$31D3 01 01  ORA ($01,X)
$31D5 01 01  ORA ($01,X)
$31D7 01 01  ORA ($01,X)
$31D9 01 01  ORA ($01,X)
$31DB 01 01  ORA ($01,X)
$31DD 01 01  ORA ($01,X)
$31DF 01 01  ORA ($01,X)
$31E1 01 01  ORA ($01,X)
$31E3 01 01  ORA ($01,X)
$31E5 01 01  ORA ($01,X)
$31E7 01 03  ORA ($03,X)
$31E9      .byte $03,$03,$03,$03,$03,$03,$03,$03
$31F1      .byte $03,$03,$03,$03,$03,$03,$03,$03
$31F9      .byte $03,$03,$03,$03,$03,$03,$03,$00
$3201 06 00  ASL $00
$3203      .byte $00,$02,$02,$02,$02
$3208 10 10  BPL L_BRS_($321A)_($3208) OK
$320A      .byte $02,$02
$320C 01 01  ORA ($01,X)
$320E      .byte $02,$02
$3210 01 01  ORA ($01,X)
$3212 01 01  ORA ($01,X)
$3214 05 01  ORA $01
```

```
$3216 01 01  ORA ($01,X)
$3218 01 01  ORA ($01,X)
//-----
L_BRS_($321A)_($3208) OK
//-----
$321A 01 01  ORA ($01,X)
$321C 01 01  ORA ($01,X)
$321E 01 00  ORA ($00,X)
$3220      .byte $00,$00,$00
$3223 01 01  ORA ($01,X)
$3225 01 01  ORA ($01,X)
$3227 01 01  ORA ($01,X)
$3229 01 01  ORA ($01,X)
$322B 01 01  ORA ($01,X)
$322D      .byte $00,$00,$00
$3230 01 05  ORA ($05,X)
$3232      .byte $12,$00
$3234 01 01  ORA ($01,X)
$3236 01 01  ORA ($01,X)
$3238 01 01  ORA ($01,X)
$323A 01 01  ORA ($01,X)
$323C 05 00  ORA $00
$323E      .byte $12
$323F 05 02  ORA $02
$3241      .byte $02,$02,$00
$3244 06 02  ASL $02
$3246      .byte $02,$02,$02,$02,$02,$02
$324C 01 01  ORA ($01,X)
$324E      .byte $03,$03,$03
```

\$3251 01 03 ORA (\$03,X)
\$3253 .byte \$03,\$03,\$03,\$03,\$03,\$03,\$03,\$02
\$325B .byte \$02
\$325C 01 01 ORA (\$01,X)
\$325E 01 01 ORA (\$01,X)
\$3260 01 01 ORA (\$01,X)
\$3262 01 01 ORA (\$01,X)
\$3264 01 0A ORA (\$0A,X)
\$3266 01 02 ORA (\$02,X)
\$3268 01 01 ORA (\$01,X)
\$326A 01 01 ORA (\$01,X)
\$326C 01 01 ORA (\$01,X)
\$326E 01 01 ORA (\$01,X)
\$3270 .byte \$02
\$3271 01 02 ORA (\$02,X)
\$3273 01 01 ORA (\$01,X)
\$3275 01 01 ORA (\$01,X)
\$3277 01 02 ORA (\$02,X)
\$3279 .byte \$02,\$02,\$02,\$03,\$03,\$03,\$03,\$02
\$3281 .byte \$02,\$02,\$02
\$3284 01 01 ORA (\$01,X)
\$3286 01 01 ORA (\$01,X)
\$3288 .byte \$02,\$02,\$02,\$02,\$02,\$02,\$02,\$02
\$3290 .byte \$03,\$03,\$03,\$03,\$03,\$03,\$03,\$03
\$3298 .byte \$03,\$03,\$03,\$03,\$03,\$03,\$02,\$02
\$32A0 .byte \$02,\$02,\$02,\$02
\$32A4 01 01 ORA (\$01,X)
\$32A6 01 01 ORA (\$01,X)
\$32A8 .byte \$02,\$02,\$02,\$02

\$32AC 01 02 ORA (\$02,X)
\$32AE 01 02 ORA (\$02,X)
\$32B0 .byte \$00,\$00,\$00,\$00,\$00
\$32B5 01 02 ORA (\$02,X)
\$32B7 .byte \$02,\$00,\$00,\$02,\$02,\$00,\$00
\$32BE 01 00 ORA (\$00,X)
\$32C0 .byte \$00,\$00,\$00,\$00
\$32C4 01 01 ORA (\$01,X)
\$32C6 .byte \$00,\$00
\$32C8 01 00 ORA (\$00,X)
\$32CA 01 01 ORA (\$01,X)
\$32CC .byte \$03,\$03,\$03,\$03,\$03,\$03,\$03,\$03
\$32D4 .byte \$03,\$03,\$03,\$03,\$02,\$02,\$02,\$02
\$32DC 01 01 ORA (\$01,X)
\$32DE 01 01 ORA (\$01,X)
\$32E0 .byte \$00,\$00,\$02,\$02
\$32E4 01 01 ORA (\$01,X)
\$32E6 .byte \$00,\$00
\$32E8 01 01 ORA (\$01,X)
\$32EA 01 13 ORA (\$13,X)
\$32EC .byte \$0B,\$00,\$00,\$00,\$02,\$02,\$02
\$32F3 09 00 ORA # \$00
\$32F5 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$32FD .byte \$00,\$00,\$00,\$00,\$02
\$3302 01 01 ORA (\$01,X)
\$3304 01 01 ORA (\$01,X)
\$3306 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$330E .byte \$00,\$00,\$00,\$00,\$00
\$3313 01 01 ORA (\$01,X)

\$3315 01 01 ORA (\$01,X)
\$3317 01 01 ORA (\$01,X)
\$3319 01 02 ORA (\$02,X)
\$331B .byte \$00,\$12
\$331D 11 13 ORA (\$13),Y
\$331F .byte \$02
\$3320 01 01 ORA (\$01,X)
\$3322 01 01 ORA (\$01,X)
\$3324 01 01 ORA (\$01,X)
\$3326 01 01 ORA (\$01,X)
\$3328 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3330 .byte \$00,\$00,\$00,\$00,\$02,\$02,\$02,\$02
\$3338 .byte \$02,\$02,\$02,\$02,\$02,\$02,\$00,\$00
\$3340 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3348 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3350 .byte \$00,\$00,\$00,\$00,\$00
\$3355 01 02 ORA (\$02,X)
\$3357 .byte \$02
\$3358 01 01 ORA (\$01,X)
\$335A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3362 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$02,\$00
\$336A .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3372 01 01 ORA (\$01,X)
\$3374 .byte \$00,\$00,\$00,\$02,\$00,\$00,\$00,\$00
\$337C .byte \$00,\$00
\$337E 01 01 ORA (\$01,X)
\$3380 01 01 ORA (\$01,X)
\$3382 01 01 ORA (\$01,X)
\$3384 01 01 ORA (\$01,X)

\$3386 01 01 ORA (\$01,X)
\$3388 01 00 ORA (\$00,X)
\$338A .byte \$00,\$00,\$00
\$338D 01 01 ORA (\$01,X)
\$338F 01 01 ORA (\$01,X)
\$3391 01 01 ORA (\$01,X)
\$3393 01 01 ORA (\$01,X)
\$3395 01 01 ORA (\$01,X)
\$3397 01 00 ORA (\$00,X)
\$3399 .byte \$00,\$00,\$00,\$00,\$00,\$02,\$02
\$33A0 01 01 ORA (\$01,X)
\$33A2 01 01 ORA (\$01,X)
\$33A4 01 01 ORA (\$01,X)
\$33A6 01 01 ORA (\$01,X)
\$33A8 01 01 ORA (\$01,X)
\$33AA 01 00 ORA (\$00,X)
\$33AC .byte \$00,\$00,\$00,\$00,\$00,\$00
\$33B2 05 05 ORA \$05
\$33B4 .byte \$00,\$00,\$00,\$00,\$0F,\$02,\$02,\$02
\$33BC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$33C4 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$33CC .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$33D4 .byte \$00
\$33D5 01 02 ORA (\$02,X)
\$33D7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$33DF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$33E7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$33EF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$33F7 .byte \$00,\$14,\$00,\$00,\$00,\$00,\$00,\$00

\$33FF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3407 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$340F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3417 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$341F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3427 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$342F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3437 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$343F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3447 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$344F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3457 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$345F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3467 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$346F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3477 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$347F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3487 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$348F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$3497 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$349F .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$34A7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$34AF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$34B7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$34BF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$34C7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$34CF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$34D7 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$34DF .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00


```

//-----
L_BRS_($34ED)_($355A) JAM
//-----
$34E7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$34EF      .byte $00,$00,$00,$00,$00,$00,$00,$00
$34F7      .byte $00,$00,$00,$00,$00,$00,$00,$00
$34FF      .byte $00
$3500 36 37  ROL $37,X
$3502 38     SEC
$3503 39 3A 3B AND $3B3A,Y
$3506      .byte $3C
$3507 3D 3E 3F AND $3F3E,X
$350A 40     RTI
//-----
$350B 41 42  EOR ($42,X)
$350D      .byte $43,$44
$350F 45 46  EOR $46
$3511      .byte $47
$3512 48     PHA
$3513 49 4A  EOR #$4A
$3515      .byte $4B
$3516 4C 4D 4E JMP L_JMP_($4E4D)_($3516) BAD
$3519      .byte $4F
$351A 50 51  BVC L_BRS_($356D)_($351A) BAD
$351C      .byte $52,$53,$54
$351F 55 56  EOR $56,X
$3521      .byte $57
$3522 58     CLI
$3523 59 5A 5B EOR $5B5A,Y

```

```
$3526      .byte $5C
$3527 5D 5E 5F EOR $5F5E,X
$352A 60    RTS
//-----
$352B 61 62  ADC ($62,X)
//-----
L_BRS_($352D)_($357A) JAM
//-----
$352D      .byte $63,$64
$352F 65 66  ADC $66
$3531      .byte $67
$3532 68    PLA
$3533 69 6A  ADC # $6A
$3535      .byte $6B
$3536 6C 6D 6E JMP ($6E6D)
$3539      .byte $6F
$353A 70 71  BVS L_BRS_($35AD)_($353A) JAM
$353C      .byte $72,$73,$74
$353F 75 76  ADC $76,X
$3541      .byte $77
$3542 78    SEI
$3543 79 7A 7B ADC $7B7A,Y
$3546      .byte $7C
$3547 7D 7E 7F ADC $7F7E,X
$354A      .byte $80
$354B 81 82  STA ($82,X)
$354D      .byte $83
$354E 84 85  STY $85
$3550 86 87  STX $87
```

```
$3552 88    DEY
$3553      .byte $89
$3554 8A    TXA
$3555      .byte $8B
$3556 8C 8D 8E STY $8E8D
$3559      .byte $8F
$355A 90 91  BCC L_BRS_($34ED)_($355A) JAM
$355C      .byte $92,$93
$355E 94 95  STY $95,X
$3560 96 97  STX $97,Y
$3562 98    TYA
$3563 99 9A 9B STA $9B9A,Y
$3566      .byte $9C
$3567 9D 9E 9F STA $9F9E,X
$356A A0 A1  LDY #$A1
//-----
L_BRS_($356D)_($351A) BAD
L_BRS_($356D)_($359A) BAD
//-----
$356C A2 A3  LDX #$A3
$356E A4 A5  LDY $A5
$3570 A6 A7  LDX $A7
$3572 A8    TAY
$3573 A9 AA  LDA #$AA
$3575      .byte $AB
$3576 AC AD AE LDY $AEAD
$3579      .byte $AF
$357A B0 B1  BCS L_BRS_($352D)_($357A) JAM
$357C      .byte $B2,$B3
```

```

$357E B4 B5 LDY $B5,X
$3580 B6 B7 LDX $B7,Y
$3582 .byte $B8
$3583 B9 BA BB LDA $BBBA,Y
$3586 BC BD BE LDY $BEBD,X
$3589 .byte $BF
$358A C0 C1 CPY #$C1
$358C .byte $C2,$C3
$358E C4 C5 CPY $C5
$3590 C6 C7 DEC $C7
$3592 C8 INY
$3593 C9 CA CMP #$CA
$3595 .byte $CB
$3596 CC CD CE CPY $CECD
$3599 .byte $CF
$359A D0 D1 BNE L_BRS_($356D)_($359A) BAD
$359C .byte $D2,$D3,$D4
$359F D5 D6 CMP $D6,X
$35A1 .byte $D7
$35A2 D8 CLD
$35A3 D9 DA DB CMP $DBDA,Y
$35A6 .byte $DC
$35A7 DD DE DF CMP $DFDE,X
$35AA E0 E1 CPX #$E1
//-----
L_BRS_($35AD)_($353A) JAM
L_BRS_($35AD)_($35BA) JAM
//-----
$35AC .byte $E2,$E3

```

\$35AE E4 E5 CPX \$E5
\$35B0 E6 E7 INC \$E7
\$35B2 E8 INX
\$35B3 E9 EA SBC #\$EA
\$35B5 .byte \$EB
\$35B6 EC ED EE CPX \$EEED
\$35B9 .byte \$EF
\$35BA F0 F1 BEQ L_BRS_(\$35AD)_(\$35BA) JAM
\$35BC .byte \$F2,\$F3,\$F4
\$35BF F5 F6 SBC \$F6,X
\$35C1 .byte \$F7,\$F8
\$35C3 F9 FA FB SBC \$FBFA,Y
\$35C6 .byte \$FC
\$35C7 FD FE FF SBC \$FFFE,X
\$35CA .byte \$00
\$35CB 01 02 ORA (\$02,X)
\$35CD .byte \$03,\$04
\$35CF 05 06 ORA \$06
\$35D1 .byte \$07
\$35D2 08 PHP
\$35D3 09 0A ORA #\$0A
\$35D5 .byte \$0B,\$0C
\$35D7 0D 0E 0F ORA \$0FOE
\$35DA 10 11 BPL L_BRS_(\$35ED)_(\$35DA) JAM
\$35DC .byte \$12,\$13,\$14
\$35DF 15 16 ORA \$16,X
\$35E1 .byte \$17
\$35E2 18 CLC
\$35E3 19 1A 1B ORA \$1B1A,Y

```

$35E6      .byte $1C
$35E7 1D 1E 1F  ORA $1F1E,X
$35EA 20 21 22  JSR L_JSR_($2221)_($35EA) OK
//-----
L_BRS_($35ED)_($35DA) JAM
//-----
$35ED      .byte $23
$35EE 24 25   BIT $25
$35F0 26 27   ROL $27
$35F2 28     PLP
$35F3 29 2A   AND # $2A
$35F5      .byte $2B
$35F6 2C 2D 2E BIT $2E2D
$35F9      .byte $2F
$35FA 30 31   BMI L_BRS_($362D)_($35FA) BAD
$35FC      .byte $32,$33,$34
$35FF 35 14   AND $14,X
$3601      .byte $0B
$3602 40     RTI
//-----
$3603 40     RTI
//-----
$3604 41 41   EOR ($41,X)
$3606 40     RTI
//-----
$3607 41 A9   EOR ($A9,X)
$3609 41 40   EOR ($40,X)
$360B 40     RTI
//-----

```

```
$360C 40 RTI
//-----
$360D 40 RTI
//-----
$360E A9 41 LDA #$41
$3610 41 41 EOR ($41,X)
$3612 40 RTI
//-----
$3613 40 RTI
//-----
$3614 41 40 EOR ($40,X)
$3616 40 RTI
//-----
$3617 A9 40 LDA #$40
$3619 40 RTI
//-----
$361A 41 41 EOR ($41,X)
$361C 40 RTI
//-----
$361D 40 RTI
//-----
$361E .byte $64
$361F 66 40 ROR $40
$3621 41 40 EOR ($40,X)
$3623 41 64 EOR ($64,X)
$3625 65 40 ADC $40
$3627 41 A8 EOR ($A8,X)
$3629 A9 54 LDA #$54
//-----
```

L_BRS_(\$362D)_(\$35FA) BAD

//-----

\$362B AD A8 A9 LDA \$A9A8

\$362E 40 RTI

//-----

\$362F 41 64 EOR (\$64,X)

\$3631 65 40 ADC \$40

\$3633 40 RTI

//-----

\$3634 41 64 EOR (\$64,X)

\$3636 65 40 ADC \$40

\$3638 41 64 EOR (\$64,X)

\$363A 65 40 ADC \$40

\$363C 41 A8 EOR (\$A8,X)

\$363E A9 54 LDA #\$54

\$3640 AD A8 A9 LDA \$A9A8

\$3643 .byte \$64

\$3644 65 C8 ADC \$C8

\$3646 C8 INY

\$3647 C8 INY

\$3648 C8 INY

\$3649 C8 INY

\$364A C8 INY

\$364B C8 INY

\$364C C8 INY

\$364D C8 INY

\$364E C8 INY

\$364F C8 INY

\$3650 C8 INY

\$3651 C8 INY
\$3652 C8 INY
\$3653 C8 INY
\$3654 C8 INY
\$3655 C8 INY
\$3656 C8 INY
\$3657 C8 INY
\$3658 C8 INY
\$3659 C8 INY
\$365A C8 INY
\$365B C8 INY
\$365C C8 INY
\$365D C8 INY
\$365E C8 INY
\$365F C8 INY
\$3660 C8 INY
\$3661 C8 INY
\$3662 C8 INY
\$3663 C8 INY
\$3664 C8 INY
\$3665 C8 INY
\$3666 C8 INY
\$3667 C8 INY
\$3668 C8 INY
\$3669 C8 INY
\$366A C8 INY
\$366B C8 INY
\$366C C8 INY
\$366D C8 INY

\$366E C8 INY
\$366F C8 INY
\$3670 C8 INY
\$3671 C8 INY
\$3672 C8 INY
\$3673 C8 INY
\$3674 C8 INY
\$3675 C8 INY
\$3676 C8 INY
\$3677 C8 INY
\$3678 C8 INY
\$3679 C8 INY
\$367A C8 INY
\$367B C8 INY
\$367C C8 INY
\$367D C8 INY
\$367E C8 INY
\$367F C8 INY
\$3680 C8 INY
\$3681 C8 INY
\$3682 C8 INY
\$3683 C8 INY
\$3684 C8 INY
\$3685 C8 INY
\$3686 C8 INY
\$3687 C8 INY
\$3688 C8 INY
\$3689 C8 INY
\$368A C8 INY

\$368B C8 INY
\$368C C8 INY
\$368D C8 INY
\$368E C8 INY
\$368F C8 INY
\$3690 C8 INY
\$3691 C8 INY
\$3692 C8 INY
\$3693 C8 INY
\$3694 C8 INY
\$3695 C8 INY
\$3696 C8 INY
\$3697 C8 INY
\$3698 C8 INY
\$3699 C8 INY
\$369A C8 INY
\$369B C8 INY
\$369C C8 INY
\$369D C8 INY
\$369E C8 INY
\$369F C8 INY
\$36A0 C8 INY
\$36A1 C8 INY
\$36A2 C8 INY
\$36A3 C8 INY
\$36A4 C8 INY
\$36A5 C8 INY
\$36A6 C8 INY
\$36A7 C8 INY

\$36A8 C8 INY
\$36A9 C8 INY
\$36AA C8 INY
\$36AB C8 INY
\$36AC C8 INY
\$36AD C8 INY
\$36AE C8 INY
\$36AF C8 INY
\$36B0 C8 INY
\$36B1 C8 INY
\$36B2 C8 INY
\$36B3 C8 INY
\$36B4 C8 INY
\$36B5 C8 INY
\$36B6 C8 INY
\$36B7 C8 INY
\$36B8 C8 INY
\$36B9 C8 INY
\$36BA C8 INY
\$36BB C8 INY
\$36BC C8 INY
\$36BD C8 INY
\$36BE C8 INY
\$36BF C8 INY
\$36C0 C8 INY
\$36C1 C8 INY
\$36C2 C8 INY
\$36C3 C8 INY
\$36C4 C8 INY

```
$36C5 C8    INY
$36C6 C8    INY
$36C7 C8    INY
$36C8 C8    INY
$36C9 C8    INY
$36CA C8    INY
$36CB C8    INY
$36CC C8    INY
$36CD C8    INY
$36CE 66 66  ROR $66
$36D0 66 65  ROR $65
$36D2      .byte $54
$36D3 41 A9  EOR ($A9,X)
$36D5 AD A8 A9 LDA $A9A8
$36D8      .byte $54
$36D9 55 6C  EOR $6C,X
$36DB      .byte $54,$AF,$54
$36DE 6E 6F AF ROR $AF6F
$36E1      .byte $54
$36E2 94 09  STY $09,X
$36E4      .byte $AF
$36E5 09 09  ORA #$09
$36E7 94 09  STY $09,X
$36E9 09 08  ORA #$08
$36EB 09 94  ORA #$94
$36ED 6D 0B 09 ADC $090B
$36F0 6D 94 6D ADC $6D94
$36F3 6C 6D 6D JMP ($6D6D)
$36F6 94 09  STY $09,X
```

```
$36F8      .byte $54
$36F9 55 54  EOR $54,X
$36FB 55 66  EOR $66,X
$36FD 65 AF  ADC $AF
$36FF      .byte $AF,$14
$3701 0E 0B 54  ASL $540B
$3704 6E 0B 0B  ROR $0B0B
$3707      .byte $54,$0B
$3709 6E 65 0B  ROR $0B65
$370C      .byte $54
$370D 65 54  ADC $54
$370F      .byte $0B,$54,$54
$3712 94 6E  STY $6E,X
$3714      .byte $54,$0B
$3716 65 54  ADC $54
$3718 6E 54 54  ROR $5454
$371B      .byte $54
$371C 65 A9  ADC $A9
$371E      .byte $64,$54,$42,$43
$3722 66 66  ROR $66
$3724 6E 6F 68  ROR $686F
$3727 69 08  ADC # $08
$3729 09 68  ORA # $68
$372B 69 0B  ADC # $0B
$372D 69 94  ADC # $94
$372F 68  PLA
$3730 6C 6D 68  JMP ($686D)
$3733 69 6C  ADC # $6C
$3735 6D 69 68  ADC $6869
```

\$3738 68 PLA
\$3739 94 68 STY \$68,X
\$373B 69 68 ADC # \$68
\$373D 69 68 ADC # \$68
\$373F 69 68 ADC # \$68
\$3741 69 68 ADC # \$68
\$3743 69 65 ADC # \$65
\$3745 C8 INY
\$3746 C8 INY
\$3747 C8 INY
\$3748 C8 INY
\$3749 C8 INY
\$374A C8 INY
\$374B C8 INY
\$374C C8 INY
\$374D C8 INY
\$374E C8 INY
\$374F C8 INY
\$3750 C8 INY
\$3751 C8 INY
\$3752 C8 INY
\$3753 C8 INY
\$3754 C8 INY
\$3755 C8 INY
\$3756 C8 INY
\$3757 C8 INY
\$3758 C8 INY
\$3759 C8 INY
\$375A C8 INY

\$375B C8 INY
\$375C C8 INY
\$375D C8 INY
\$375E C8 INY
\$375F C8 INY
\$3760 C8 INY
\$3761 C8 INY
\$3762 C8 INY
\$3763 C8 INY
\$3764 C8 INY
\$3765 C8 INY
\$3766 C8 INY
\$3767 C8 INY
\$3768 C8 INY
\$3769 C8 INY
\$376A C8 INY
\$376B C8 INY
\$376C C8 INY
\$376D C8 INY
\$376E C8 INY
\$376F C8 INY
\$3770 C8 INY
\$3771 C8 INY
\$3772 C8 INY
\$3773 C8 INY
\$3774 C8 INY
\$3775 C8 INY
\$3776 C8 INY
\$3777 C8 INY

\$3778 C8 INY
\$3779 C8 INY
\$377A C8 INY
\$377B C8 INY
\$377C C8 INY
\$377D C8 INY
\$377E C8 INY
\$377F C8 INY
\$3780 C8 INY
\$3781 C8 INY
\$3782 C8 INY
\$3783 C8 INY
\$3784 C8 INY
\$3785 C8 INY
\$3786 C8 INY
\$3787 C8 INY
\$3788 C8 INY
\$3789 C8 INY
\$378A C8 INY
\$378B C8 INY
\$378C C8 INY
\$378D C8 INY
\$378E C8 INY
\$378F C8 INY
\$3790 C8 INY
\$3791 C8 INY
\$3792 C8 INY
\$3793 C8 INY
\$3794 C8 INY

\$3795 C8 INY
\$3796 C8 INY
\$3797 C8 INY
\$3798 C8 INY
\$3799 C8 INY
\$379A C8 INY
\$379B C8 INY
\$379C C8 INY
\$379D C8 INY
\$379E C8 INY
\$379F C8 INY
\$37A0 C8 INY
\$37A1 C8 INY
\$37A2 C8 INY
\$37A3 C8 INY
\$37A4 C8 INY
\$37A5 C8 INY
\$37A6 C8 INY
\$37A7 C8 INY
\$37A8 C8 INY
\$37A9 C8 INY
\$37AA C8 INY
\$37AB C8 INY
\$37AC C8 INY
\$37AD C8 INY
\$37AE C8 INY
\$37AF C8 INY
\$37B0 C8 INY
\$37B1 C8 INY

\$37B2 C8 INY
\$37B3 C8 INY
\$37B4 C8 INY
\$37B5 C8 INY
\$37B6 C8 INY
\$37B7 C8 INY
\$37B8 C8 INY
\$37B9 C8 INY
\$37BA C8 INY
\$37BB C8 INY
\$37BC C8 INY
\$37BD C8 INY
\$37BE C8 INY
\$37BF C8 INY
\$37C0 C8 INY
\$37C1 C8 INY
\$37C2 C8 INY
\$37C3 C8 INY
\$37C4 C8 INY
\$37C5 C8 INY
\$37C6 C8 INY
\$37C7 C8 INY
\$37C8 C8 INY
\$37C9 C8 INY
\$37CA C8 INY
\$37CB C8 INY
\$37CC C8 INY
\$37CD C8 INY
\$37CE 65 66 ADC \$66

```
$37D0 66 66  ROR $66
$37D2      .byte $54,$43
$37D4 AE AF AA LDX $AAAF
$37D7 66 56  ROR $56
$37D9      .byte $57
$37DA 6E 6F 6E ROR $6E6F
//-----
L_BRS_($37DE)_($37EB) JAM
//-----
$37DD      .byte $6F,$0C
$37DF 0D 6E 6F ORA $6F6E
$37E2      .byte $97,$0B
$37E4 6E 6F 0E ROR $0E6F
$37E7      .byte $97,$6F,$0F
$37EA 0A     ASL A
$37EB F0 F1  BEQ L_BRS_($37DE)_($37EB) JAM
$37ED      .byte $F2,$00,$0B,$00,$97,$6F
$37F3 6E 6F F0 ROR $F06F
$37F6 F1 F2  SBC ($F2),Y
$37F8 56 66  LSR $66,X
$37FA 56 66  LSR $66,X
$37FC 66 66  ROR $66
$37FE      .byte $AF,$AF,$14,$14
$3802 0E 0C 0C ASL $0C0C
$3805 0E 0E 6E ASL $6E0E
$3808 0E 0C 0E ASL $0E0C
$380B 0E 6E 0E ASL $0E6E
$380E      .byte $0C
$380F 0E 0B 6E ASL $6E0B
```

\$3812 .byte \$3C,\$0C,\$0C,\$0C
\$3816 0E 0C 0C ASL \$0C0C
\$3819 6E 0B 6E ROR \$6E0B
\$381C 0E 0B 0C ASL \$0C0B
\$381F .byte \$54
\$3820 66 43 ROR \$43
\$3822 6E 0E 0E ROR \$0E0E
\$3825 .byte \$14,\$0B,\$14
\$3828 0A ASL A
\$3829 .byte \$0B
\$382A 6A ROR A
\$382B .byte \$14,\$14,\$14
\$382E 3D 6A 6E AND \$6E6A,X
\$3831 .byte \$6F
\$3832 6A ROR A
\$3833 .byte \$6B
\$3834 6E 6F 6A ROR \$6A6F
\$3837 6A ROR A
\$3838 6A ROR A
\$3839 .byte \$3C
\$383A 6A ROR A
\$383B .byte \$6B
\$383C 6A ROR A
\$383D .byte \$6B
\$383E 6A ROR A
\$383F .byte \$6B
\$3840 6A ROR A
\$3841 .byte \$6B
\$3842 6A ROR A

\$3843 .byte \$14

\$3844 65 C8 ADC \$C8

\$3846 C8 INY

\$3847 C8 INY

\$3848 C8 INY

\$3849 C8 INY

\$384A C8 INY

\$384B C8 INY

\$384C C8 INY

\$384D C8 INY

\$384E C8 INY

\$384F C8 INY

\$3850 C8 INY

\$3851 C8 INY

\$3852 C8 INY

\$3853 C8 INY

\$3854 C8 INY

\$3855 C8 INY

\$3856 C8 INY

\$3857 C8 INY

\$3858 C8 INY

\$3859 C8 INY

\$385A C8 INY

\$385B C8 INY

\$385C C8 INY

\$385D C8 INY

\$385E C8 INY

\$385F C8 INY

\$3860 C8 INY

\$3861 C8 INY
\$3862 C8 INY
\$3863 C8 INY
\$3864 C8 INY
\$3865 C8 INY
\$3866 C8 INY
\$3867 C8 INY
\$3868 C8 INY
\$3869 C8 INY
\$386A C8 INY
\$386B C8 INY
\$386C C8 INY
\$386D C8 INY
\$386E C8 INY
\$386F C8 INY
\$3870 C8 INY
\$3871 C8 INY
\$3872 C8 INY
\$3873 C8 INY
\$3874 C8 INY
\$3875 C8 INY
\$3876 C8 INY
\$3877 C8 INY
\$3878 C8 INY
\$3879 C8 INY
\$387A C8 INY
\$387B C8 INY
\$387C C8 INY
\$387D C8 INY

\$387E C8 INY
\$387F C8 INY
\$3880 C8 INY
\$3881 C8 INY
\$3882 C8 INY
\$3883 C8 INY
\$3884 C8 INY
\$3885 C8 INY
\$3886 C8 INY
\$3887 C8 INY
\$3888 C8 INY
\$3889 C8 INY
\$388A C8 INY
\$388B C8 INY
\$388C C8 INY
\$388D C8 INY
\$388E C8 INY
\$388F C8 INY
\$3890 C8 INY
\$3891 C8 INY
\$3892 C8 INY
\$3893 C8 INY
\$3894 C8 INY
\$3895 C8 INY
\$3896 C8 INY
\$3897 C8 INY
\$3898 C8 INY
\$3899 C8 INY
\$389A C8 INY

\$389B C8 INY
\$389C C8 INY
\$389D C8 INY
\$389E C8 INY
\$389F C8 INY
\$38A0 C8 INY
\$38A1 C8 INY
\$38A2 C8 INY
\$38A3 C8 INY
\$38A4 C8 INY
\$38A5 C8 INY
\$38A6 C8 INY
\$38A7 C8 INY
\$38A8 C8 INY
\$38A9 C8 INY
\$38AA C8 INY
\$38AB C8 INY
\$38AC C8 INY
\$38AD C8 INY
\$38AE C8 INY
\$38AF C8 INY
\$38B0 C8 INY
\$38B1 C8 INY
\$38B2 C8 INY
\$38B3 C8 INY
\$38B4 C8 INY
\$38B5 C8 INY
\$38B6 C8 INY
\$38B7 C8 INY

\$38B8 C8 INY
\$38B9 C8 INY
\$38BA C8 INY
\$38BB C8 INY
\$38BC C8 INY
\$38BD C8 INY
\$38BE C8 INY
\$38BF C8 INY
\$38C0 C8 INY
\$38C1 C8 INY
\$38C2 C8 INY
\$38C3 C8 INY
\$38C4 C8 INY
\$38C5 C8 INY
\$38C6 C8 INY
\$38C7 C8 INY
\$38C8 C8 INY
\$38C9 C8 INY
\$38CA C8 INY
\$38CB C8 INY
\$38CC C8 INY
\$38CD C8 INY
\$38CE AD 66 66 LDA \$6666
\$38D1 .byte \$54,\$43
\$38D3 AE AF 41 LDX \$41AF
\$38D6 A9 AD LDA #\$AD
\$38D8 .byte \$54
\$38D9 55 0C EOR \$0C,X
\$38DB 0D 0C 0D ORA \$0D0C

```
$38DE 0E 0F 0C ASL $0C0F
$38E1 0D 97 14 ORA $1497
$38E4 0E 0D 14 ASL $140D
$38E7      .byte $97
$38E8 0D 14 14 ORA $1414
$38EB      .byte $F3,$F4
$38ED F5 14   SBC $14,X
$38EF 0E 14 3D ASL $3D14
$38F2 0D 0C 0D ORA $0D0C
$38F5      .byte $F3,$F4
$38F7 F5 0B   SBC $0B,X
$38F9      .byte $0B
$38FA 6C 6D 66 JMP ($666D)
$38FD 65 AF   ADC $AF
$38FF      .byte $64,$14,$14,$14
$3903 0E 0E 46 ASL $460E
$3906      .byte $14
$3907 0E 14 0E ASL $0E14
$390A      .byte $14,$14,$0C,$14
$390E 0E 14 0E ASL $0E14
$3911      .byte $0C
$3912 3D 0C 0E AND $0E0C,X
$3915 0E 14 0E ASL $0E14
$3918 0E 0C 0E ASL $0E0C
$391B      .byte $0C,$14
$391D 0E 0E 65 ASL $650E
$3920 6E 6F 0E ROR $0E6F
$3923      .byte $14,$14,$14
$3926 0E 14 14 ASL $1414
```

```
$3929 0E 14 14 ASL $1414
$392C .byte $14,$14,$3C,$14,$0C
//-----
L_JSR_($3931)_($9A4B) OK
//-----
$3931 0D 14 14 ORA $1414
$3934 .byte $0C,$14,$14,$14,$14
$3939 3D 14 14 AND $1414,X
$393C .byte $14,$14,$14,$14,$14,$14,$14,$14
$3944 65 C8 ADC $C8
$3946 C8 INY
$3947 C8 INY
$3948 C8 INY
$3949 C8 INY
$394A C8 INY
$394B C8 INY
$394C C8 INY
$394D C8 INY
$394E C8 INY
$394F C8 INY
$3950 C8 INY
$3951 C8 INY
$3952 C8 INY
$3953 C8 INY
$3954 C8 INY
$3955 C8 INY
$3956 C8 INY
$3957 C8 INY
$3958 C8 INY
```

\$3959 C8 INY
\$395A C8 INY
\$395B C8 INY
\$395C C8 INY
\$395D C8 INY
\$395E C8 INY
\$395F C8 INY
\$3960 C8 INY
\$3961 C8 INY
\$3962 C8 INY
\$3963 C8 INY
\$3964 C8 INY
\$3965 C8 INY
\$3966 C8 INY
\$3967 C8 INY
\$3968 C8 INY
\$3969 C8 INY
\$396A C8 INY
\$396B C8 INY
\$396C C8 INY
\$396D C8 INY
\$396E C8 INY
\$396F C8 INY
\$3970 C8 INY
\$3971 C8 INY
\$3972 C8 INY
\$3973 C8 INY
\$3974 C8 INY
\$3975 C8 INY

\$3976 C8 INY
\$3977 C8 INY
\$3978 C8 INY
\$3979 C8 INY
\$397A C8 INY
\$397B C8 INY
\$397C C8 INY
\$397D C8 INY
\$397E C8 INY
\$397F C8 INY
\$3980 C8 INY
\$3981 C8 INY
\$3982 C8 INY
\$3983 C8 INY
\$3984 C8 INY
\$3985 C8 INY
\$3986 C8 INY
\$3987 C8 INY
\$3988 C8 INY
\$3989 C8 INY
\$398A C8 INY
\$398B C8 INY
\$398C C8 INY
\$398D C8 INY
\$398E C8 INY
\$398F C8 INY
\$3990 C8 INY
\$3991 C8 INY
\$3992 C8 INY

\$3993 C8 INY
\$3994 C8 INY
\$3995 C8 INY
\$3996 C8 INY
\$3997 C8 INY
\$3998 C8 INY
\$3999 C8 INY
\$399A C8 INY
\$399B C8 INY
\$399C C8 INY
\$399D C8 INY
\$399E C8 INY
\$399F C8 INY
\$39A0 C8 INY
\$39A1 C8 INY
\$39A2 C8 INY
\$39A3 C8 INY
\$39A4 C8 INY
\$39A5 C8 INY
\$39A6 C8 INY
\$39A7 C8 INY
\$39A8 C8 INY
\$39A9 C8 INY
\$39AA C8 INY
\$39AB C8 INY
\$39AC C8 INY
\$39AD C8 INY
\$39AE C8 INY
\$39AF C8 INY

\$39B0 C8 INY
\$39B1 C8 INY
\$39B2 C8 INY
\$39B3 C8 INY
\$39B4 C8 INY
\$39B5 C8 INY
\$39B6 C8 INY
\$39B7 C8 INY
\$39B8 C8 INY
\$39B9 C8 INY
\$39BA C8 INY
\$39BB C8 INY
\$39BC C8 INY
\$39BD C8 INY
\$39BE C8 INY
\$39BF C8 INY
\$39C0 C8 INY
\$39C1 C8 INY
\$39C2 C8 INY
\$39C3 C8 INY
\$39C4 C8 INY
\$39C5 C8 INY
\$39C6 C8 INY
\$39C7 C8 INY
\$39C8 C8 INY
\$39C9 C8 INY
\$39CA C8 INY
\$39CB C8 INY
\$39CC C8 INY

\$39CD C8 INY
\$39CE 66 65 ROR \$65
\$39D0 41 54 EOR (\$54,X)
\$39D2 41 40 EOR (\$40,X)
\$39D4 41 43 EOR (\$43,X)
\$39D6 .byte \$07,\$AF,\$07,\$57
\$39DA 0E 0F 00 ASL \$000F
\$39DD .byte \$0F,\$14,\$14
\$39E0 0E 0F 3D ASL \$3D0F
\$39E3 .byte \$14,\$14,\$14,\$14
\$39E7 3D 0F 14 AND \$140F,X
\$39EA .byte \$14,\$00,\$F7,\$F8,\$14,\$14,\$14,\$3C
\$39F2 .byte \$0F,\$14,\$0F,\$00,\$F7,\$F8
\$39F8 0E 14 6E ASL \$6E14
\$39FB .byte \$6F
\$39FC 08 PHP
\$39FD 66 AF ROR \$AF
\$39FF 65 11 ADC \$11
\$3A01 .byte \$14,\$14,\$14
\$3A04 45 46 EOR \$46
\$3A06 .byte \$14,\$14,\$14,\$14,\$14,\$14
\$3A0C 0E 14 14 ASL \$1414
\$3A0F .byte \$14,\$14
\$3A11 0E 97 0E ASL \$0E97
\$3A14 .byte \$14,\$14,\$14,\$14,\$14
\$3A19 0E 14 0E ASL \$0E14
\$3A1C .byte \$14,\$14,\$14
\$3A1F 0E 0C 0D ASL \$0D0C
\$3A22 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

```
$3A2A    .byte $14,$14,$14,$14,$97,$14
$3A30 0E OF 14 ASL $140F
$3A33    .byte $14
$3A34 0E 14 14 ASL $1414
$3A37    .byte $14,$14,$3C,$14,$14,$14,$14,$14
$3A3F    .byte $14,$14,$14,$14,$14
$3A44 65 C8  ADC $C8
$3A46 C8  INY
$3A47 C8  INY
$3A48 C8  INY
$3A49 C8  INY
$3A4A C8  INY
$3A4B C8  INY
$3A4C C8  INY
$3A4D C8  INY
$3A4E C8  INY
$3A4F C8  INY
$3A50 C8  INY
$3A51 C8  INY
$3A52 C8  INY
$3A53 C8  INY
$3A54 C8  INY
$3A55 C8  INY
$3A56 C8  INY
$3A57 C8  INY
$3A58 C8  INY
$3A59 C8  INY
$3A5A C8  INY
$3A5B C8  INY
```

\$3A5C .byte \$17
\$3A5D 16 17 ASL \$17,X
\$3A5F .byte \$17,\$17
\$3A61 16 17 ASL \$17,X
\$3A63 16 17 ASL \$17,X
\$3A65 16 17 ASL \$17,X
\$3A67 16 17 ASL \$17,X
\$3A69 16 17 ASL \$17,X
\$3A6B 16 17 ASL \$17,X
\$3A6D 16 17 ASL \$17,X
\$3A6F 16 17 ASL \$17,X
\$3A71 16 17 ASL \$17,X
\$3A73 16 17 ASL \$17,X
\$3A75 16 17 ASL \$17,X
\$3A77 16 17 ASL \$17,X
\$3A79 16 17 ASL \$17,X
\$3A7B 16 17 ASL \$17,X
\$3A7D 16 17 ASL \$17,X
\$3A7F 16 17 ASL \$17,X
\$3A81 16 17 ASL \$17,X
\$3A83 16 17 ASL \$17,X
\$3A85 16 17 ASL \$17,X
\$3A87 16 17 ASL \$17,X
\$3A89 16 17 ASL \$17,X
\$3A8B .byte \$17
\$3A8C 16 17 ASL \$17,X
\$3A8E .byte \$17,\$17
\$3A90 16 17 ASL \$17,X
\$3A92 .byte \$17,\$17

\$3A94 16 17 ASL \$17,X
\$3A96 .byte \$17,\$17
\$3A98 16 17 ASL \$17,X
\$3A9A .byte \$17,\$17
\$3A9C 16 17 ASL \$17,X
\$3A9E .byte \$17,\$17
\$3AA0 16 17 ASL \$17,X
\$3AA2 .byte \$17,\$17
\$3AA4 16 17 ASL \$17,X
\$3AA6 .byte \$17,\$17
\$3AA8 16 17 ASL \$17,X
\$3AAA .byte \$17
\$3AAB 16 17 ASL \$17,X
\$3AAD 16 17 ASL \$17,X
\$3AAF .byte \$17,\$17
\$3AB1 16 17 ASL \$17,X
\$3AB3 .byte \$17
\$3AB4 16 17 ASL \$17,X
\$3AB6 16 17 ASL \$17,X
\$3AB8 .byte \$17
\$3AB9 16 17 ASL \$17,X
\$3ABB 16 17 ASL \$17,X
\$3ABD .byte \$17
\$3ABE 16 17 ASL \$17,X
\$3AC0 16 17 ASL \$17,X
\$3AC2 .byte \$17
\$3AC3 16 17 ASL \$17,X
\$3AC5 16 17 ASL \$17,X
\$3AC7 .byte \$17,\$17

\$3AC9 16 17 ASL \$17,X
\$3ACB .byte \$17
\$3ACC 16 17 ASL \$17,X
\$3ACE AD 41 43 LDA \$4341
\$3AD1 .byte \$54,\$43,\$54,\$43,\$07
\$3AD6 68 PLA
\$3AD7 69 0C ADC #\$0C
\$3AD9 0D 14 14 ORA \$1414
\$3ADC .byte \$14,\$14,\$14,\$14,\$14,\$14,\$3C,\$14
\$3AE4 .byte \$14,\$14,\$14,\$3C,\$14,\$14,\$14,\$00
\$3AEC .byte \$3C,\$00,\$14,\$14,\$14,\$97,\$14,\$14
\$3AF4 .byte \$14,\$00,\$3C,\$00,\$14,\$14,\$0C
\$3AFB 0D 14 0B ORA \$0B14
\$3AFE .byte \$64,\$AF,\$12
\$3B01 11 14 ORA (\$14),Y
\$3B03 .byte \$14
\$3B04 45 46 EOR \$46
\$3B06 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$3B0E .byte \$14,\$14,\$14,\$14
\$3B12 3D 14 14 AND \$1414,X
\$3B15 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$3B1D .byte \$14,\$14,\$14
\$3B20 0E 0F 14 ASL \$140F
\$3B23 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$3B2B .byte \$14,\$14,\$14
\$3B2E 3D 14 14 AND \$1414,X
\$3B31 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$3B39 3D 14 14 AND \$1414,X
\$3B3C .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

```
$3B44 65 C8  ADC $C8
$3B46 C8  INY
$3B47 C8  INY
$3B48 C8  INY
$3B49 C8  INY
$3B4A C8  INY
$3B4B C8  INY
$3B4C C8  INY
$3B4D C8  INY
$3B4E C8  INY
$3B4F C8  INY
$3B50 C8  INY
$3B51 C8  INY
$3B52 C8  INY
$3B53 C8  INY
$3B54 C8  INY
$3B55 C8  INY
$3B56 C8  INY
$3B57 C8  INY
$3B58 C8  INY
$3B59 C8  INY
$3B5A C8  INY
$3B5B C8  INY
$3B5C      .byte $3F,$93,$93
$3B5F 3E 3F 93  ROL $933F,X
$3B62      .byte $3F,$93,$3F,$93,$3F,$93,$3F,$93
$3B6A      .byte $3F,$93,$3F,$93,$3F,$93,$3F,$93
$3B72      .byte $3F,$93,$3F,$93,$3F,$93,$3F,$93
$3B7A      .byte $3F,$93,$3F,$93,$3F,$93,$3F,$93
```

\$3B82 .byte \$3F,\$93,\$3F,\$93,\$3F,\$93,\$3F,\$93
\$3B8A .byte \$93,\$3F,\$93,\$93
\$3B8E 3E 3F 93 ROL \$933F,X
\$3B91 .byte \$93
\$3B92 3E 3F 93 ROL \$933F,X
\$3B95 .byte \$93
\$3B96 3E 3F 93 ROL \$933F,X
\$3B99 .byte \$93
\$3B9A 3E 3F 93 ROL \$933F,X
\$3B9D .byte \$93
\$3B9E 3E 3F 93 ROL \$933F,X
\$3BA1 .byte \$93
\$3BA2 3E 3F 93 ROL \$933F,X
\$3BA5 .byte \$93
\$3BA6 3E 3F 93 ROL \$933F,X
\$3BA9 .byte \$93
\$3BAA 3E 3F 3F ROL \$3F3F,X
\$3BAD .byte \$93,\$93
\$3BAF 3E 3F 93 ROL \$933F,X
\$3BB2 .byte \$93
\$3BB3 3E 3F 3F ROL \$3F3F,X
\$3BB6 .byte \$93,\$93
\$3BB8 3E 3F 3F ROL \$3F3F,X
\$3BBB .byte \$93,\$93
\$3BBD 3E 3F 3F ROL \$3F3F,X
\$3BC0 .byte \$93,\$93
\$3BC2 3E 3F 3F ROL \$3F3F,X
\$3BC5 .byte \$93,\$93
\$3BC7 3E 3F 93 ROL \$933F,X

```
$3BCA    .byte $93
$3BCB 3E 3F 3F ROL $3F3F,X
$3BCE 65 65  ADC $65
$3BD0 66 54  ROR $54
$3BD2    .byte $43
$3BD3 AE AF 07 LDX $07AF
$3BD6 6A    ROR A
$3BD7    .byte $6B
$3BD8 0E 0F 14 ASL $140F
$3BDB    .byte $14,$14,$14,$14,$14,$14,$14
$3BE2 3D 14 14 AND $1414,X
$3BE5    .byte $14,$14,$97,$14,$14,$14,$00
$3BEC 3D 00 14 AND $1400,X
$3BEF    .byte $14,$14
$3BF1 3D 14 14 AND $1414,X
$3BF4    .byte $14,$00
$3BF6 3D 00 14 AND $1400,X
$3BF9    .byte $14
$3BFA 0E 0F 11 ASL $110F
$3BFD 11 AF  ORA ($AF),Y
$3BFF    .byte $AF,$54
$3C01 AD 14 14 LDA $1414
$3C04 45 46  EOR $46
$3C06    .byte $14,$14,$14,$14,$14,$14,$14,$14
$3C0E    .byte $14,$14,$14,$14,$3C,$14,$14,$14
$3C16    .byte $14,$14,$14,$14,$14,$14,$14,$14
$3C1E    .byte $14,$14,$14,$14,$14,$14,$14,$14
$3C26    .byte $14,$14,$14,$14,$14,$14,$14,$14
$3C2E    .byte $3C,$14,$14,$14,$14,$14,$14,$14
```


\$3C36 .byte \$14,\$14,\$14,\$3C,\$14,\$14,\$14,\$14

\$3C3E .byte \$14,\$14,\$14,\$14,\$14,\$14

\$3C44 65 C8 ADC \$C8

\$3C46 C8 INY

\$3C47 C8 INY

\$3C48 C8 INY

\$3C49 C8 INY

\$3C4A C8 INY

\$3C4B C8 INY

\$3C4C C8 INY

\$3C4D C8 INY

\$3C4E C8 INY

\$3C4F C8 INY

\$3C50 C8 INY

\$3C51 C8 INY

\$3C52 C8 INY

\$3C53 C8 INY

\$3C54 C8 INY

\$3C55 C8 INY

\$3C56 C8 INY

\$3C57 C8 INY

\$3C58 16 17 ASL \$17,X

\$3C5A .byte \$17,\$17,\$34

\$3C5D 4E 5C 5D LSR \$5D5C

\$3C60 .byte \$5C

\$3C61 5D 4D 43 EOR \$434D,X

\$3C64 66 67 ROR \$67

\$3C66 .byte \$07,\$43,\$42,\$43

\$3C6A 66 67 ROR \$67

\$3C6C .byte \$43
\$3C6D 66 67 ROR \$67
\$3C6F .byte \$07,\$43,\$42,\$43
\$3C73 66 67 ROR \$67
\$3C75 .byte \$07,\$07
\$3C77 5E 5F 64 LSR \$645F,X
\$3C7A .byte \$43,\$42,\$43
\$3C7D 66 67 ROR \$67
\$3C7F .byte \$07,\$07
\$3C81 5E 5F 43 LSR \$435F,X
\$3C84 .byte \$42,\$43
\$3C86 66 67 ROR \$67
\$3C88 .byte \$07,\$07
\$3C8A 5E 5F 64 LSR \$645F,X
\$3C8D .byte \$43,\$42,\$43
\$3C90 66 67 ROR \$67
\$3C92 .byte \$07,\$43,\$42,\$43
\$3C96 66 67 ROR \$67
\$3C98 .byte \$07,\$07
\$3C9A 5E 5F 64 LSR \$645F,X
\$3C9D .byte \$43,\$43,\$42,\$43
\$3CA1 66 67 ROR \$67
\$3CA3 .byte \$07,\$07
\$3CA5 5E 5F 43 LSR \$435F,X
\$3CA8 .byte \$42,\$43
\$3CAA 66 67 ROR \$67
\$3CAC .byte \$07,\$07
\$3CAE 5E 5F 43 LSR \$435F,X
\$3CB1 .byte \$42,\$43

\$3CB3 66 67 ROR \$67
\$3CB5 .byte \$07,\$07
\$3CB7 5E 5F 64 LSR \$645F,X
\$3CBA .byte \$43,\$42,\$43
\$3CBD 66 67 ROR \$67
\$3CBF .byte \$07,\$07
\$3CC1 5E 5F 43 LSR \$435F,X
\$3CC4 .byte \$42,\$43
\$3CC6 66 67 ROR \$67
\$3CC8 .byte \$07,\$07
\$3CCA 5E 5F 64 LSR \$645F,X
\$3CCD .byte \$43,\$42
\$3CCF 65 41 ADC \$41
\$3CD1 .byte \$54
\$3CD2 41 40 EOR (\$40,X)
\$3CD4 41 55 EOR (\$55,X)
\$3CD6 .byte \$00
\$3CD7 11 00 ORA (\$00),Y
\$3CD9 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$3CE1 .byte \$14,\$97,\$14,\$14,\$14,\$14
\$3CE7 3D 14 14 AND \$1414,X
\$3CEA .byte \$14,\$00,\$3C,\$00,\$14,\$14,\$14,\$3C
\$3CF2 .byte \$14,\$14,\$14,\$00,\$3C,\$00,\$14,\$14
\$3CFA .byte \$14,\$14,\$12,\$AF,\$AF,\$64
\$3D00 AE AF 14 LDX \$14AF
\$3D03 .byte \$14
\$3D04 45 46 EOR \$46
\$3D06 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$3D0E .byte \$14,\$14,\$14,\$14,\$97,\$14,\$14,\$14

\$3D16 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$3D1E .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$3D26 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$3D2E .byte \$97,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$3D36 .byte \$14,\$14,\$14
\$3D39 3D 14 14 AND \$1414,X
\$3D3C .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$3D44 65 16 ADC \$16
\$3D46 .byte \$17,\$17
\$3D48 16 17 ASL \$17,X
\$3D4A C8 INY
\$3D4B C8 INY
\$3D4C C8 INY
\$3D4D C8 INY
\$3D4E C8 INY
\$3D4F C8 INY
\$3D50 C8 INY
\$3D51 C8 INY
\$3D52 C8 INY
\$3D53 C8 INY
\$3D54 C8 INY
\$3D55 C8 INY
\$3D56 C8 INY
\$3D57 C8 INY
\$3D58 .byte \$93,\$93
\$3D5A 3E 3F 4F ROL \$4F3F,X
\$3D5D .byte \$43
\$3D5E 66 67 ROR \$67
\$3D60 .byte \$07,\$43,\$42,\$43

\$3D64 66 67 ROR \$67
\$3D66 .byte \$43
\$3D67 66 67 ROR \$67
\$3D69 .byte \$07,\$07
\$3D6B 5E 65 43 LSR \$4365,X
\$3D6E .byte \$42,\$43
\$3D70 66 67 ROR \$67
\$3D72 .byte \$07,\$07
\$3D74 5E 5F 64 LSR \$645F,X
\$3D77 4C 4D 4C JMP L_JMP_(\$4C4D)_(\$3D77) JAM
\$3D7A 41 64 EOR (\$64,X)
\$3D7C 65 40 ADC \$40
\$3D7E 41 04 EOR (\$04,X)
\$3D80 .byte \$67
\$3D81 4C 4D 41 JMP L_JMP_(\$414D)_(\$3D81) BAD
\$3D84 .byte \$64
\$3D85 65 40 ADC \$40
\$3D87 41 04 EOR (\$04,X)
\$3D89 .byte \$43
\$3D8A 66 67 ROR \$67
\$3D8C .byte \$07,\$43,\$42,\$43
\$3D90 66 67 ROR \$67
\$3D92 .byte \$5F
\$3D93 66 67 ROR \$67
\$3D95 .byte \$07,\$07
\$3D97 5E 43 66 LSR \$6643,X
\$3D9A .byte \$67,\$07,\$43,\$42,\$43
\$3D9F 66 67 ROR \$67
\$3DA1 .byte \$07

```
$3DA2 5E 5F 64 LSR $645F,X
$3DA5 4C 43 66 JMP L_JMP_($6643)_($3DA5) BAD
$3DA8      .byte $67,$07,$43,$42,$43
$3DAD 66 67  ROR $67
$3DAF 4D 66 67 EOR $6766
$3DB2      .byte $07,$07
$3DB4 5E 5F 43 LSR $435F,X
$3DB7 66 67  ROR $67
$3DB9      .byte $07,$43,$42,$43
$3DBD 66 67  ROR $67
$3DBF      .byte $5F,$43
$3DC1 66 67  ROR $67
$3DC3      .byte $07,$43,$42,$43
$3DC7 66 43  ROR $43
$3DC9 66 67  ROR $67
$3DCB      .byte $07,$43,$42,$43
$3DCF 66 67  ROR $67
$3DD1      .byte $43
$3DD2 66 67  ROR $67
$3DD4      .byte $42,$07,$07,$AF
$3DD8 11 00  ORA ($00),Y
$3DDA      .byte $14,$14,$14,$14,$14,$14,$14,$14
$3DE2      .byte $3C,$14,$14,$14,$14,$3C,$14,$14
$3DEA      .byte $14,$00
$3DEC 3D 00 14 AND $1400,X
$3DEF      .byte $14,$14,$97,$14,$14,$14,$00
$3DF6 3D 00 14 AND $1400,X
$3DF9      .byte $14,$14,$14,$54
$3DFD 59 54 65 EOR $6554,Y
```

```
$3E00 AE AF 14 LDX $14AF
$3E03      .byte $14
$3E04 45 46  EOR $46
$3E06      .byte $14,$14,$14,$14,$14,$14,$14,$14
$3E0E      .byte $14,$14,$14,$14
$3E12 3D 14 14 AND $1414,X
$3E15      .byte $14,$14,$14,$14,$14,$14,$14,$14
$3E1D      .byte $14,$14,$14,$14,$14,$14,$14,$14
$3E25      .byte $14,$14,$14,$14,$14,$14,$14,$14
$3E2D      .byte $14
$3E2E 3D 14 14 AND $1414,X
$3E31      .byte $14,$14,$14,$14,$14,$14,$14,$14
$3E39      .byte $3C,$14,$14,$14,$14,$14,$14,$14
$3E41      .byte $14,$14,$14,$3F,$93,$93
$3E47 3E 3F 3F ROL $3F3F,X
$3E4A      .byte $17
$3E4B 16 17  ASL $17,X
$3E4D      .byte $17,$17
$3E4F 16 17  ASL $17,X
$3E51      .byte $17,$17
$3E53 16 17  ASL $17,X
$3E55      .byte $17
$3E56 16 17  ASL $17,X
$3E58      .byte $34
$3E59 4E 5C 5D LSR $5D5C
$3E5C 4C 65 43 JMP L_JMP_($4365)_($3E5C) JAM
$3E5F      .byte $42,$43
$3E61 66 67  ROR $67
$3E63      .byte $07,$07
```

```
$3E65 5E 65 40 LSR $4065,X
$3E68 41 04 EOR ($04,X)
$3E6A .byte $67
$3E6B 4C 67 41 JMP L_JMP_($4167)_($3E6B) JAM
$3E6E .byte $64
$3E6F 65 40 ADC $40
$3E71 41 04 EOR ($04,X)
$3E73 .byte $67
$3E74 4C 4D 4C JMP L_JMP_($4C4D)_($3E74) JAM
$3E77 .byte $67,$07,$07,$43
$3E7B 66 67 ROR $67
$3E7D .byte $42,$43,$07,$07
$3E81 4E 4F 43 LSR $434F
$3E84 .byte $42,$43
$3E86 66 67 ROR $67
$3E88 .byte $07
$3E89 65 43 ADC $43
$3E8B .byte $42,$43
$3E8D 66 67 ROR $67
$3E8F .byte $07,$07
$3E91 5E 4D 40 LSR $404D,X
$3E94 41 04 EOR ($04,X)
$3E96 .byte $67
$3E97 4C 65 43 JMP L_JMP_($4365)_($3E97) JAM
$3E9A .byte $42,$43
$3E9C 66 67 ROR $67
$3E9E .byte $07,$07
$3EA0 5E 66 67 LSR $6766,X
$3EA3 .byte $07,$07
```


\$3EA5 5E 65 43 LSR \$4365,X
\$3EA8 .byte \$42,\$43
\$3EAA 66 67 ROR \$67
\$3EAC .byte \$07,\$07
\$3EAE 5E 07 43 LSR \$4307,X
\$3EB1 .byte \$42,\$43
\$3EB3 66 67 ROR \$67
\$3EB5 .byte \$07
\$3EB6 65 43 ADC \$43
\$3EB8 .byte \$42,\$43
\$3EBA 66 67 ROR \$67
\$3EBC .byte \$07,\$07
\$3EBE 5E 4D 65 LSR \$654D,X
\$3EC1 .byte \$43,\$42,\$43
\$3EC4 66 67 ROR \$67
\$3EC6 .byte \$07,\$07
\$3EC8 65 43 ADC \$43
\$3ECA .byte \$42,\$43
\$3ECC 66 67 ROR \$67
\$3ECE .byte \$07,\$07
\$3ED0 5E 07 07 LSR \$0707,X
\$3ED3 5E 64 43 LSR \$4364,X
\$3ED6 .byte \$42
\$3ED7 55 66 EOR \$66,X
\$3ED9 11 11 ORA (\$11),Y
\$3EDB .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$97
\$3EE3 .byte \$14,\$14,\$14,\$14
\$3EE7 3D 14 14 AND \$1414,X
\$3EEA .byte \$14,\$00,\$97,\$00,\$14,\$14,\$14

\$3EF1 3D 14 14 AND \$1414,X
\$3EF4 .byte \$14,\$00,\$97,\$00,\$14,\$14,\$14,\$14
\$3EFC 58 CLI
\$3EFD .byte \$AF,\$AF,\$64,\$54,\$54,\$14,\$14
\$3F04 45 46 EOR \$46
\$3F06 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$3F0E .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$3F16 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$3F1E .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$3F26 .byte \$14,\$14,\$14
\$3F29 C4 C5 CPY \$C5
\$3F2B .byte \$14,\$14,\$14
\$3F2E 3D 14 14 AND \$1414,X
\$3F31 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$3F39 .byte \$14,\$14,\$14
\$3F3C E5 C9 SBC \$C9
\$3F3E C9 C9 CMP #\$C9
\$3F40 C9 C9 CMP #\$C9
\$3F42 C9 C9 CMP #\$C9
\$3F44 .byte \$07,\$07
\$3F46 5E 5F 64 LSR \$645F,X
\$3F49 4E 3F 93 LSR \$933F
\$3F4C .byte \$93
\$3F4D 3E 3F 93 ROL \$933F,X
\$3F50 .byte \$93
\$3F51 3E 3F 93 ROL \$933F,X
\$3F54 .byte \$93
\$3F55 3E 3F 3F ROL \$3F3F,X
\$3F58 5E 64 5E LSR \$5E64,X

```
$3F5B      .byte $5F
$3F5C 4E 67 41 LSR $4167
$3F5F      .byte $64
$3F60 65 40  ADC $40
$3F62 41 04  EOR ($04,X)
$3F64      .byte $67
$3F65 4C 43 66 JMP L_JMP_($6643)_($3F65) BAD
$3F68      .byte $67,$07,$07
$3F6B 5E 41 43 LSR $4341,X
$3F6E      .byte $42,$43
$3F70 66 67  ROR $67
$3F72      .byte $07,$07
$3F74 5E 5F 64 LSR $645F,X
$3F77 41 04  EOR ($04,X)
$3F79      .byte $67
$3F7A 65 40  ADC $40
$3F7C 41 64  EOR ($64,X)
$3F7E 65 40  ADC $40
$3F80 41 64  EOR ($64,X)
$3F82      .byte $43,$42,$43
$3F85 66 67  ROR $67
$3F87      .byte $07,$07,$67
$3F8A 41 64  EOR ($64,X)
$3F8C 65 40  ADC $40
$3F8E 41 04  EOR ($04,X)
$3F90      .byte $67
$3F91 4C 5F 66 JMP L_JMP_($665F)_($3F91) JAM
$3F94      .byte $67,$07,$07
$3F97 5E 67 41 LSR $4167,X
```

```
$3F9A    .byte $64
$3F9B 65 40  ADC $40
$3F9D 41 04  EOR ($04,X)
$3F9F    .byte $67
$3FA0 4C 07 5E  JMP L_JMP_($5E07)_($3FA0) JAM
$3FA3    .byte $5F,$64
$3FA5 4C 67 41  JMP L_JMP_($4167)_($3FA5) JAM
$3FA8    .byte $64
$3FA9 65 40  ADC $40
$3FAB 41 04  EOR ($04,X)
$3FAD    .byte $67
$3FAE 4C 04 66  JMP L_JMP_($6604)_($3FAE) JAM
$3FB1    .byte $67,$07,$07
$3FB4 5E 5F 67  LSR $675F,X
$3FB7 41 64  EOR ($64,X)
$3FB9 65 40  ADC $40
$3FBB 41 04  EOR ($04,X)
$3FBD    .byte $67
$3FBE 4C 5F 67  JMP L_JMP_($675F)_($3FBE) JAM
$3FC1 41 64  EOR ($64,X)
$3FC3 65 40  ADC $40
$3FC5 41 04  EOR ($04,X)
$3FC7    .byte $67,$67
$3FC9 41 64  EOR ($64,X)
$3FCB 65 40  ADC $40
$3FCD 41 04  EOR ($04,X)
$3FCF    .byte $67
$3FD0 4C 04 67  JMP L_JMP_($6704)_($3FD0) JAM
$3FD3 4C 4C 41  JMP L_JMP_($414C)_($3FD3) OK
```

```

$3FD6      .byte $64,$AF
$3FD8 66 AF  ROR $AF
$3FDA 66 11  ROR $11
$3FDC      .byte $14,$14,$14,$14,$14,$14
$3FE2 3D 14 14 AND $1414,X
$3FE5      .byte $14,$14,$3C,$14,$14,$14,$00,$97
$3FED      .byte $00,$14,$14,$14,$3C,$14,$14,$14
$3FF5      .byte $00,$97,$00,$14,$14,$14,$14,$5A
$3FFD      .byte $5B,$AF,$AF
//-----
L_JSR_($4000)_($7B54) OK
//-----
$4000 AE AF 14 LDX $14AF
$4003      .byte $14
$4004 45 46  EOR $46
$4006      .byte $14
$4007 24 25  BIT $25
$4009 24 25  BIT $25
//-----
L_JSR_($4012)_($0824) JAM
L_JSR_($4012)_($0A24) JAM
//-----
$400B      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4013      .byte $14,$14,$14,$14
$4017 24 25  BIT $25
$4019 24 25  BIT $25
$401B      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4023      .byte $14,$14,$14,$14,$14,$14
$4029 C6 C7  DEC $C7

```

\$402B .byte \$14,\$14,\$14
\$402E 3D 14 14 AND \$1414,X
\$4031 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4039 .byte \$14,\$14,\$14
\$403C 8E 92 3E STX \$3E92
\$403F .byte \$3F
\$4040 3E 3F 92 ROL \$923F,X
\$4043 .byte \$93,\$04,\$43,\$42,\$43
\$4048 66 67 ROR \$67
\$404A .byte \$07,\$07,\$43,\$42,\$43
\$404F 66 67 ROR \$67
\$4051 .byte \$07,\$07
\$4053 5E 5F 64 LSR \$645F,X
\$4056 .byte \$5C
\$4057 5D 4C 4D EOR \$4D4C,X
\$405A 4C 4D 4C JMP L_JMP_(\$4C4D)_(\$405A) JAM
\$405D 41 43 EOR (\$43,X)
\$405F .byte \$42,\$43
\$4061 66 67 ROR \$67
\$4063 .byte \$07,\$07
\$4065 5E 65 40 LSR \$4065,X
\$4068 41 04 EOR (\$04,X)
\$406A .byte \$43,\$42
\$406C 4C 41 64 JMP L_JMP_(\$6441)_(\$406C) JAM
\$406F 65 40 ADC \$40
\$4071 41 04 EOR (\$04,X)
\$4073 .byte \$43,\$42,\$43
\$4076 66 67 ROR \$67
\$4078 .byte \$07,\$07

\$407A 65 40 ADC \$40
\$407C 41 43 EOR (\$43,X)
\$407E .byte \$42,\$43
\$4080 66 67 ROR \$67
\$4082 66 67 ROR \$67
\$4084 .byte \$07,\$07
\$4086 5E 5F 64 LSR \$645F,X
\$4089 41 43 EOR (\$43,X)
\$408B .byte \$42,\$43
\$408D 66 67 ROR \$67
\$408F .byte \$07,\$07
\$4091 5E 43 40 LSR \$4043,X
\$4094 41 04 EOR (\$04,X)
\$4096 .byte \$43,\$42
\$4098 41 43 EOR (\$43,X)
\$409A .byte \$42,\$43
\$409C 66 67 ROR \$67
\$409E .byte \$07,\$07
\$40A0 5E 67 4C LSR \$4C67,X
\$40A3 4D 4C 67 EOR \$674C
\$40A6 41 43 EOR (\$43,X)
\$40A8 .byte \$42,\$43
\$40AA 66 67 ROR \$67
\$40AC .byte \$07,\$07
\$40AE 5E 07 40 LSR \$4007,X
\$40B1 41 04 EOR (\$04,X)
\$40B3 .byte \$67
\$40B4 4C 4D 41 JMP L_JMP_(\$414D)_(\$40B4) BAD
\$40B7 .byte \$43,\$42,\$43

\$40BA 66 67 ROR \$67
\$40BC .byte \$07,\$07
\$40BE 5E 43 41 LSR \$4143,X
\$40C1 .byte \$43,\$42,\$43
\$40C4 66 67 ROR \$67
\$40C6 .byte \$07,\$07
\$40C8 41 43 EOR (\$43,X)
\$40CA .byte \$42,\$43
\$40CC 66 67 ROR \$67
\$40CE .byte \$07,\$07
\$40D0 5E 07 07 LSR \$0707,X
\$40D3 5E 07 43 LSR \$4307,X
\$40D6 66 43 ROR \$43
\$40D8 AE AF 65 LDX \$65AF
\$40DB 55 11 EOR \$11,X
\$40DD .byte \$14,\$14,\$14,\$14,\$14,\$3C,\$14,\$14
\$40E5 .byte \$14,\$14
\$40E7 3D 14 14 AND \$1414,X
\$40EA .byte \$14,\$00,\$3C,\$00,\$14,\$14,\$14
\$40F1 3D 14 14 AND \$1414,X
\$40F4 .byte \$14,\$00,\$3C,\$00,\$14,\$14,\$14,\$14
\$40FC 58 CLI
\$40FD .byte \$AF
\$40FE 59 64 AE EOR \$AE64,Y
\$4101 .byte \$54,\$14,\$14
\$4104 45 46 EOR \$46
\$4106 .byte \$14
\$4107 18 CLC
\$4108 10 18 BPL L_BRS_(\$4122)_(\$4108) JAM


```

$410A 10 14  BPL L_BRS_($4120)_($410A) JAM
$410C      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4114      .byte $14,$14,$14
$4117 18    CLC
$4118 10 18  BPL L_BRS_($4132)_($4118) JAM
$411A 10 14  BPL L_BRS_($4130)_($411A) JAM
//-----
L_BRS_($4120)_($410A) JAM
L_BRS_($4122)_($4108) JAM
//-----
$411C      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4124      .byte $14,$14,$14,$14,$14,$14,$14,$14
//-----
L_BRS_($4130)_($411A) JAM
L_BRS_($4132)_($4118) JAM
//-----
$412C      .byte $14,$14,$3C,$14,$14,$14,$14,$14
$4134      .byte $14,$14,$14,$14,$14,$14,$14,$14
$413C      .byte $5A,$5B,$42,$43
$4140 66 67  ROR $67
//-----
L_JSR_($4144)_($9B96) JAM
//-----
$4142      .byte $42,$43,$07
//-----
L_JSR_($4146)_($9BC0) BAD
//-----
$4145 41 64  EOR ($64,X)
//-----

```

```
L_JSR_($4148)_($1E33) BAD
L_JSR_($4147)_($9A5D) OK
L_JSR_($4148)_($9B7C) BAD
L_JSR_($4148)_($9BAB) BAD
//-----
$4147 65 40  ADC $40
$4149 41 04  EOR ($04,X)
$414B      .byte $67
//-----
L_JMP_($414D)_($3D81) BAD
L_JMP_($414C)_($3FD3) OK
L_JMP_($414D)_($40B4) BAD
L_JSR_($414D)_($9B06) BAD
//-----
$414C 41 64  EOR ($64,X)
$414E 65 40  ADC $40
//-----
L_JSR_($4150)_($C94C) OK
//-----
$4150 41 04  EOR ($04,X)
$4152      .byte $67
//-----
L_JSR_($4154)_($9B0B) BAD
//-----
$4153 4C 4D 4C  JMP L_JMP_($4C4D)_($4153) JAM
$4156 5E 5F 4E  LSR $4E5F,X
$4159      .byte $4F
$415A 4E 4F 4E  LSR $4E4F
$415D 4C 41 64  JMP L_JMP_($6441)_($415D) JAM
```

```
$4160 65 40  ADC $40
$4162 41 04  EOR ($04,X)
//-----
L_JMP_($4167)_($3E6B) JAM
L_JMP_($4167)_($3FA5) JAM
//-----
$4164      .byte $43,$42,$67,$42,$43,$07
$416A 41 64  EOR ($64,X)
$416C 4E 43 66  LSR $6643
$416F      .byte $67,$42,$43,$07
//-----
L_JSR_($4174)_($1038) BAD
//-----
$4173 41 64  EOR ($64,X)
$4175 65 40  ADC $40
$4177 41 04  EOR ($04,X)
$4179      .byte $67
$417A 41 64  EOR ($64,X)
$417C 65 41  ADC $41
$417E      .byte $64
$417F 65 40  ADC $40
$4181 41 40  EOR ($40,X)
$4183 41 04  EOR ($04,X)
$4185      .byte $67
$4186 4C 4D 4C  JMP L_JMP_($4C4D)_($4186) JAM
$4189 4C 41 64  JMP L_JMP_($6441)_($4189) JAM
$418C 65 40  ADC $40
$418E 41 04  EOR ($04,X)
$4190      .byte $43,$42,$04
```

\$4193 66 67 ROR \$67
\$4195 .byte \$07,\$07
\$4197 5E 4C 41 LSR \$414C,X
\$419A .byte \$64
\$419B 65 40 ADC \$40
\$419D 41 04 EOR (\$04,X)
\$419F .byte \$43,\$42,\$07
\$41A2 5E 5F 64 LSR \$645F,X
\$41A5 41 4C EOR (\$4C,X)
\$41A7 41 64 EOR (\$64,X)
\$41A9 65 40 ADC \$40
\$41AB 41 04 EOR (\$04,X)
\$41AD .byte \$43,\$42,\$04
\$41B0 66 67 ROR \$67
\$41B2 .byte \$07,\$07
\$41B4 5E 5F 4C LSR \$4C5F,X
\$41B7 41 64 EOR (\$64,X)
\$41B9 65 40 ADC \$40
\$41BB 41 04 EOR (\$04,X)
\$41BD .byte \$43,\$42,\$5F
\$41C0 4C 41 64 JMP L_JMP_(\$6441)_(\$41C0) JAM
\$41C3 65 40 ADC \$40
\$41C5 41 04 EOR (\$04,X)
\$41C7 .byte \$43
\$41C8 4C 41 64 JMP L_JMP_(\$6441)_(\$41C8) JAM
\$41CB 65 40 ADC \$40
\$41CD 41 04 EOR (\$04,X)
\$41CF .byte \$43,\$42,\$04,\$43,\$42,\$67
\$41D5 65 40 ADC \$40

```
$41D7    .byte $54,$43
$41D9 AE AF 07 LDX $07AF
$41DC 55 11  EOR $11,X
$41DE    .byte $14,$14,$14,$14,$97,$14,$14,$14
$41E6    .byte $14,$3C,$14,$14,$14,$00
$41EC 3D 00 14 AND $1400,X
$41EF    .byte $14,$14,$3C,$14,$14,$14,$00
$41F6 3D 00 14 AND $1400,X
$41F9    .byte $14,$14,$14,$54
$41FD 59 54 65 EOR $6554,Y
$4200 AE AF C9 LDX $C9AF
$4203 C9 8C  CMP #$8C
$4205 8D C9 02 STA $02C9
$4208    .byte $03,$02,$03
$420B C9 C9  CMP #$C9
$420D C9 C9  CMP #$C9
$420F C9 C9  CMP #$C9
$4211 C9 C9  CMP #$C9
$4213 C9 C9  CMP #$C9
$4215 C9 C9  CMP #$C9
$4217    .byte $02,$03,$02,$03
$421B C9 C9  CMP #$C9
$421D C9 C9  CMP #$C9
//-----
L_JSR_($4220)_($9AD7) BAD
L_JSR_($4220)_($9AEE) BAD
//-----
$421F C9 C9  CMP #$C9
$4221 E6 14  INC $14
```

```
$4223      .byte $14,$14
$4225 E5 C9  SBC $C9
$4227 C9 C9  CMP #$C9
$4229 C9 C9  CMP #$C9
$422B E6 14  INC $14
$422D      .byte $14,$97,$14,$14
$4231 E5 C9  SBC $C9
$4233 C9 C9  CMP #$C9
//-----
L_JSR_($4235)_($1443) OK
L_JSR_($4235)_($1DBA) OK
//-----
$4235 C9 C9  CMP #$C9
$4237 C9 C9  CMP #$C9
$4239 C9 C9  CMP #$C9
$423B C9 40  CMP #$40
$423D 41 64  EOR ($64,X)
$423F 65 40  ADC $40
$4241 41 64  EOR ($64,X)
$4243 65 40  ADC $40
$4245      .byte $43
$4246 66 67  ROR $67
$4248      .byte $42,$43,$07,$07,$43
$424D 66 67  ROR $67
$424F      .byte $42,$43,$07,$07
$4253 4E 4F 4E LSR $4E4F
$4256      .byte $64,$64
$4258 4E 64 4E LSR $4E64
$425B 4E 64 4E LSR $4E64
```

```
$425E    .byte $43
$425F 66 67  ROR $67
$4261    .byte $42,$43,$07
$4264 41 64  EOR ($64,X)
$4266 4E 64 4E LSR $4E64
$4269    .byte $64,$64
$426B 4E 64 65 LSR $6564
$426E 40    RTI
//-----
$426F 41 64  EOR ($64,X)
$4271 65 40  ADC $40
$4273    .byte $43
$4274 66 67  ROR $67
$4276    .byte $42,$43,$07,$07,$43
$427B 66 67  ROR $67
$427D    .byte $43
$427E 66 67  ROR $67
$4280    .byte $42,$43
$4282 66 67  ROR $67
$4284    .byte $07,$07
$4286 5E 5F 64 LSR $645F,X
$4289 4E 43 66 LSR $6643
$428C    .byte $67,$42,$43,$07
$4290 41 64  EOR ($64,X)
$4292    .byte $07
$4293 40    RTI
//-----
$4294 41 04  EOR ($04,X)
$4296    .byte $43,$42
```

\$4298 4E 43 66 LSR \$6643
\$429B .byte \$67,\$42,\$43,\$07
\$429F 41 64 EOR (\$64,X)
\$42A1 .byte \$43,\$42,\$43
\$42A4 66 67 ROR \$67
\$42A6 4E 43 66 LSR \$6643
\$42A9 .byte \$67,\$42,\$43,\$07
\$42AD 41 64 EOR (\$64,X)
\$42AF .byte \$07
\$42B0 40 RTI
//-----
\$42B1 41 04 EOR (\$04,X)
\$42B3 .byte \$43,\$42,\$43
\$42B6 4E 43 66 LSR \$6643
\$42B9 .byte \$67,\$42,\$43,\$07
\$42BD 41 64 EOR (\$64,X)
\$42BF .byte \$43
\$42C0 4E 43 66 LSR \$6643
\$42C3 .byte \$67,\$42,\$43,\$07
\$42C7 41 4E EOR (\$4E,X)
\$42C9 .byte \$43
\$42CA 66 67 ROR \$67
\$42CC .byte \$42,\$43,\$07
\$42CF 41 64 EOR (\$64,X)
\$42D1 .byte \$07
\$42D2 41 64 EOR (\$64,X)
\$42D4 .byte \$07
\$42D5 65 40 ADC \$40
\$42D7 .byte \$54

\$42D8 41 40 EOR (\$40,X)
\$42DA 41 65 EOR (\$65,X)
\$42DC 55 57 EOR \$57,X
\$42DE .byte \$14,\$14,\$14,\$14
\$42E2 3D 14 14 AND \$1414,X
\$42E5 .byte \$14,\$14,\$97,\$14,\$14,\$14,\$00,\$3C
\$42ED .byte \$00,\$14,\$14,\$14,\$97,\$14,\$14,\$14
\$42F5 .byte \$00,\$3C,\$00,\$14
\$42F9 C4 C5 CPY \$C5
\$42FB .byte \$14
\$42FC 58 CLI
\$42FD .byte \$AF,\$AF,\$64,\$54,\$AF,\$3F
\$4303 3E 3F 3E ROL \$3E3F,X
\$4306 .byte \$3F
\$4307 3E 3F 3E ROL \$3E3F,X
\$430A .byte \$3F
\$430B 3E 3E 3E ROL \$3E3E,X
\$430E .byte \$3F
\$430F 3E 3F 3E ROL \$3E3F,X
\$4312 .byte \$3F
\$4313 3E 3E 3E ROL \$3E3E,X
\$4316 3E 3E 3F ROL \$3F3E,X
\$4319 3E 3E 3E ROL \$3E3E,X
\$431C .byte \$3F,\$3F
\$431E 3E 3F 3E ROL \$3E3F,X
\$4321 .byte \$93,\$14,\$14,\$14
\$4325 8E 92 3E STX \$3E92
\$4328 .byte \$92,\$92,\$92,\$93,\$14,\$14
\$432E 3D 14 14 AND \$1414,X

```

$4331 8E 3E 3E STX $3E3E
$4334 3E 3E 3E ROL $3E3E,X
$4337      .byte $3F
$4338 3E 3F 3E ROL $3E3F,X
$433B      .byte $3F
$433C 09 43  ORA #$43
$433E 66 67  ROR $67
//-----
L_JSR_($4341)_($9B81) JAM
//-----
$4340      .byte $42,$43,$4F,$67,$4F
$4345 65 40  ADC $40
$4347 41 64  EOR ($64,X)
$4349 65 40  ADC $40
$434B 41 65  EOR ($65,X)
$434D 40    RTI
//-----
$434E 41 64  EOR ($64,X)
$4350 65 40  ADC $40
$4352 41 64  EOR ($64,X)
//-----
L_JMP_($4355)_($9A53) BAD
//-----
$4354 65 41  ADC $41
$4356      .byte $64,$4F,$64,$64,$4F,$64,$64,$4F
//-----
L_JMP_($4365)_($3E5C) JAM
L_JMP_($4365)_($3E97) JAM
//-----

```

```
$435E    .byte $4F,$64,$4F,$64,$64,$4F,$4F,$4F
$4366    .byte $64,$64,$4F,$64,$64,$4F,$4F,$64
$436E    .byte $4F,$64,$4F,$4F,$64
$4373 65 40  ADC $40
$4375 41 64  EOR ($64,X)
$4377 65 40  ADC $40
$4379 41 65  EOR ($65,X)
$437B 40    RTI
//-----
$437C 41 65  EOR ($65,X)
$437E 40    RTI
//-----
$437F 41 64  EOR ($64,X)
$4381 65 40  ADC $40
$4383 41 66  EOR ($66,X)
$4385    .byte $67,$07,$07,$67
$4389 41 64  EOR ($64,X)
$438B 65 40  ADC $40
$438D 41 4F  EOR ($4F,X)
$438F    .byte $4F
$4390 66 64  ROR $64
$4392 66 66  ROR $66
$4394    .byte $4F,$4F
$4396 66 64  ROR $64
$4398 66 66  ROR $66
$439A    .byte $4F,$4F,$64
$439D 66 64  ROR $64
$439F 66 4F  ROR $4F
$43A1    .byte $4F
```

\$43A2 66 66 ROR \$66
\$43A4 .byte \$64,\$4F,\$4F
\$43A7 66 66 ROR \$66
\$43A9 .byte \$64
\$43AA 66 64 ROR \$64
\$43AC 66 66 ROR \$66
\$43AE 6C 6D 4F JMP (\$4F6D)
\$43B1 .byte \$64
\$43B2 66 64 ROR \$64
\$43B4 66 4F ROR \$4F
\$43B6 .byte \$4F,\$64
\$43B8 66 64 ROR \$64
\$43BA 66 4F ROR \$4F
\$43BC .byte \$4F,\$64
\$43BE 66 64 ROR \$64
\$43C0 66 4E ROR \$4E
\$43C2 .byte \$4F,\$4F
\$43C4 4E 66 54 LSR \$5466
\$43C7 66 4E ROR \$4E
\$43C9 .byte \$4F,\$54
\$43CB 66 4E ROR \$4E
\$43CD 66 66 ROR \$66
\$43CF .byte \$07,\$54,\$43
\$43D2 66 54 ROR \$54
\$43D4 .byte \$54,\$07,\$43,\$54,\$43,\$54,\$43,\$07
\$43DC .byte \$57,\$AF,\$14,\$14,\$14,\$14,\$3C,\$14
\$43E4 .byte \$14,\$14,\$14,\$97,\$14,\$14,\$14,\$00
\$43EC .byte \$97,\$00,\$14,\$14,\$14,\$97,\$14,\$14
\$43F4 .byte \$14,\$00,\$97,\$00,\$14

```
$43F9 C6 C7 DEC $C7
$43FB .byte $14,$5A,$5B,$AF,$AF,$12,$AF
$4402 A8 TAY
$4403 A9 54 LDA #$54
$4405 AD 54 55 LDA $5554
$4408 .byte $54
$4409 A9 54 LDA #$54
$440B 55 08 EOR $08,X
$440D 09 6C ORA #$6C
$440F 6D AE 09 ADC $09AE
$4412 6C 6D AE JMP ($AE6D)
$4415 09 6C ORA #$6C
$4417 6D 08 09 ADC $0908
$441A 59 09 66 EOR $6609,Y
$441D 66 58 ROR $58
//-----
L_JMP_($4420)_($9B69) BAD
//-----
$441F 59 54 55 EOR $5554,Y
$4422 .byte $14,$14,$14,$0B,$0B,$0B,$0C,$0B
$442A 6E 6D 14 ROR $146D
$442D .byte $14,$3C,$14,$14,$0B
$4432 68 PLA
$4433 .byte $0B
$4434 68 PLA
$4435 68 PLA
$4436 68 PLA
$4437 69 08 ADC #$08
$4439 68 PLA
```

\$443A 68 PLA
\$443B 69 08 ADC # \$08
\$443D 09 40 ORA # \$40
\$443F 41 64 EOR (\$64,X)
\$4441 65 54 ADC \$54
\$4443 41 68 EOR (\$68,X)
\$4445 69 45 ADC # \$45
\$4447 46 68 LSR \$68
\$4449 69 6C ADC # \$6C
\$444B 6D 40 41 ADC \$4140
\$444E 40 RTI
//-----
\$444F 41 64 EOR (\$64,X)
\$4451 65 54 ADC \$54
\$4453 55 6C EOR \$6C,X
\$4455 6D 08 09 ADC \$0908
\$4458 68 PLA
\$4459 69 08 ADC # \$08
\$445B 09 6C ORA # \$6C
\$445D 6D 0C 0D ADC \$0D0C
\$4460 68 PLA
\$4461 69 08 ADC # \$08
\$4463 09 08 ORA # \$08
\$4465 09 08 ORA # \$08
\$4467 09 6C ORA # \$6C
\$4469 6D 68 69 ADC \$6968
\$446C 58 CLI
\$446D 59 6C 6D EOR \$6D6C,Y
\$4470 08 PHP

\$4471 09 6C ORA # \$6C
\$4473 6D 68 69 ADC \$6968
\$4476 68 PLA
\$4477 69 68 ADC # \$68
\$4479 69 6C ADC # \$6C
\$447B 6D 40 41 ADC \$4140
\$447E .byte \$64
\$447F 65 59 ADC \$59
\$4481 59 64 65 EOR \$6564,Y
\$4484 .byte \$07
\$4485 5E 5F 64 LSR \$645F,X
\$4488 41 43 EOR (\$43,X)
\$448A .byte \$42,\$43
\$448C 66 67 ROR \$67
\$448E 08 PHP
\$448F 09 08 ORA # \$08
\$4491 09 48 ORA # \$48
\$4493 49 08 EOR # \$08
\$4495 09 48 ORA # \$48
\$4497 49 08 EOR # \$08
\$4499 09 4F ORA # \$4F
\$449B 94 08 STY \$08,X
\$449D 09 6C ORA # \$6C
\$449F 6D 6C 6D ADC \$6D6C
\$44A2 08 PHP
\$44A3 09 6C ORA # \$6C
\$44A5 6D 08 09 ADC \$0908
\$44A8 08 PHP
\$44A9 09 45 ORA # \$45

\$44AB 46 08 LSR \$08
\$44AD 09 6E ORA #\$6E
\$44AF .byte \$6F
\$44B0 6C 6D 08 JMP (\$086D)
\$44B3 09 08 ORA #\$08
\$44B5 09 08 ORA #\$08
\$44B7 09 48 ORA #\$48
\$44B9 49 6C EOR #\$6C
\$44BB 6D 48 48 ADC \$4848
\$44BE 48 PHA
\$44BF 49 45 EOR #\$45
\$44C1 46 6C LSR \$6C
\$44C3 6D 08 09 ADC \$0908
\$44C6 6C 6D 08 JMP (\$086D)
\$44C9 09 6C ORA #\$6C
\$44CB 6D 0B 05 ADC \$050B
\$44CE 69 43 ADC #\$43
\$44D0 94 68 STY \$68,X
\$44D2 69 69 ADC #\$69
\$44D4 08 PHP
\$44D5 09 6C ORA #\$6C
\$44D7 6D 08 09 ADC \$0908
\$44DA 6C 6D 6A JMP (\$6A6D)
\$44DD .byte \$14,\$14,\$14,\$14,\$14,\$97,\$14,\$14
\$44E5 .byte \$14,\$00,\$97,\$00,\$14,\$14,\$00,\$97
\$44ED .byte \$00,\$14,\$14,\$00,\$97,\$00,\$14,\$14
\$44F5 .byte \$00,\$97,\$00
\$44F8 C9 C9 CMP #\$C9
\$44FA C9 C9 CMP #\$C9

\$44FC 58 CLI
\$44FD .byte \$AF
\$44FE 59 64 AE EOR \$AE64,Y
\$4501 .byte \$AF
\$4502 AA TAX
\$4503 66 AE ROR \$AE
\$4505 .byte \$0B
\$4506 6E 6F 56 ROR \$566F
\$4509 .byte \$AF
\$450A 56 54 LSR \$54,X
\$450C 0A ASL A
\$450D .byte \$0B,\$0B,\$6F
\$4510 6E 0B 6E ROR \$6E0B
\$4513 .byte \$6F
\$4514 0E 0B 6E ASL \$6E0B
\$4517 .byte \$6F
\$4518 0A ASL A
\$4519 .byte \$0B
\$451A 0A ASL A
\$451B .byte \$0B
\$451C 6E 6F 5A ROR \$5A6F
\$451F .byte \$5B
\$4520 56 57 LSR \$57,X
\$4522 .byte \$14,\$14,\$14
\$4525 0E 14 6A ASL \$6A14
\$4528 .byte \$0C
\$4529 0E 0C 6F ASL \$6FOC
\$452C .byte \$14,\$14,\$97,\$14,\$14,\$14
\$4532 6A ROR A

```
$4533      .byte $14
$4534 6A    ROR A
$4535 94 6A  STY $6A,X
$4537      .byte $14
$4538 0A    ASL A
$4539 6A    ROR A
$453A 6A    ROR A
$453B      .byte $14
$453C 0A    ASL A
$453D      .byte $0B,$42,$43
$4540 66 67  ROR $67
$4542      .byte $54,$43
$4544 6A    ROR A
$4545      .byte $6B
$4546 45 46  EOR $46
$4548 6A    ROR A
$4549      .byte $6B
$454A 6E 6F 42 ROR $426F
$454D      .byte $43,$42,$43
$4550 66 67  ROR $67
//-----
L_JSR_($4552)_($9BB0) OK
//-----
$4552 56 56  LSR $56,X
//-----
L_JMP_($4555)_($9AF1) BAD
//-----
$4554 6E 6F 0A ROR $0A6F
$4557      .byte $0B
```

\$4558 6A ROR A
\$4559 .byte \$14
\$455A 0A ASL A
\$455B .byte \$0B
\$455C 6E 6F 0E ROR \$0E6F
\$455F .byte \$0F
\$4560 6A ROR A
\$4561 .byte \$14
\$4562 0A ASL A
\$4563 .byte \$0B
\$4564 0A ASL A
\$4565 .byte \$0B
\$4566 0A ASL A
\$4567 .byte \$0B
\$4568 6E 6F 6A ROR \$6A6F
\$456B .byte \$14
\$456C 6A ROR A
\$456D .byte \$5B
\$456E 6E 6F 0A ROR \$0A6F
\$4571 .byte \$0B
\$4572 6E 6F 6A ROR \$6A6F
\$4575 .byte \$14
\$4576 6A ROR A
\$4577 .byte \$14
\$4578 94 14 STY \$14,X
\$457A 6E 6F 42 ROR \$426F
\$457D .byte \$43
\$457E 66 67 ROR \$67
\$4580 59 59 66 EOR \$6659,Y

```
$4583      .byte $67,$67
$4585 4C 4D 4C JMP L_JMP_($4C4D)_($4585) JAM
$4588 4C 41 64 JMP L_JMP_($6441)_($4588) JAM
$458B 65 40   ADC $40
$458D 41 0A   EOR ($0A,X)
$458F      .byte $0B
$4590 0A     ASL A
$4591      .byte $0B,$00,$14
$4594 0A     ASL A
$4595      .byte $0B,$00,$14
$4598 0A     ASL A
$4599      .byte $0B,$0B,$97
$459C 0A     ASL A
$459D      .byte $0B
$459E 6E 6F 6E ROR $6E6F
$45A1      .byte $6F
$45A2 0A     ASL A
$45A3      .byte $0B
$45A4 6E 6F 14 ROR $146F
$45A7      .byte $0B
$45A8 0A     ASL A
$45A9      .byte $0B
$45AA 45 46   EOR $46
$45AC 0A     ASL A
$45AD      .byte $0B,$0C
$45AF 0D 6E 6F ORA $6F6E
$45B2 0A     ASL A
$45B3      .byte $0B
$45B4 0A     ASL A
```

```
$45B5    .byte $0B
$45B6 0A    ASL A
$45B7    .byte $14
$45B8 0E 14 6E ASL $6E14
$45BB    .byte $6F,$14,$14,$14,$14
$45C0 45 46    EOR $46
$45C2 6E 6F 0A ROR $0A6F
$45C5    .byte $0B
$45C6 6E 0B 0A ROR $0A0B
$45C9    .byte $0B
$45CA 6E 0B 00 ROR $000B
$45CD    .byte $14,$14
$45CF 6A    ROR A
$45D0    .byte $97
$45D1 6A    ROR A
$45D2    .byte $6B,$14
$45D4 0A    ASL A
$45D5    .byte $0B
$45D6 6E 6F 0A ROR $0A6F
$45D9    .byte $0B
$45DA 6E 6F 14 ROR $146F
$45DD    .byte $14,$14,$14,$14,$14
$45E2 3D 14 14 AND $1414,X
$45E5    .byte $14,$00,$3C,$00,$14,$14,$00,$3C
$45ED    .byte $00,$14,$14,$00,$3C,$00,$14,$14
$45F5    .byte $00,$3C,$00,$92
$45F9 3E 3F 3E ROL $3E3F,X
$45FC    .byte $5A
$45FD 65 AF    ADC $AF
```

\$45FF 65 54 ADC \$54
\$4601 AD AE 6D LDA \$6DAE
\$4604 08 PHP
\$4605 .byte \$14,\$0C
\$4607 0D 08 09 ORA \$0908
\$460A 08 PHP
\$460B .byte \$54,\$14,\$14
\$460E 0E 14 0C ASL \$0C14
\$4611 0E 0C 14 ASL \$140C
\$4614 .byte \$14,\$14,\$0C,\$14,\$14
\$4619 0E 14 14 ASL \$1414
\$461C .byte \$0C,\$14
\$461E 0A ASL A
\$461F .byte \$0B
\$4620 6E 6F 14 ROR \$146F
\$4623 .byte \$14,\$14,\$14,\$14
\$4627 45 0E EOR \$0E
\$4629 .byte \$14,\$0C
\$462B 0D 14 14 ORA \$1414
\$462E 3D 14 14 AND \$1414,X
\$4631 .byte \$14,\$14,\$14,\$14
\$4635 3D 14 14 AND \$1414,X
\$4638 .byte \$14,\$14,\$14,\$14,\$14,\$14
\$463E 68 PLA
\$463F 69 08 ADC # \$08
\$4641 09 68 ORA # \$68
\$4643 69 14 ADC # \$14
\$4645 .byte \$14
\$4646 45 46 EOR \$46

```
$4648      .byte $14,$14,$0C
$464B 0D 68 69  ORA $6968
$464E 68      PLA
$464F 69 68    ADC #68
$4651 69 68    ADC #68
$4653 69 0C    ADC #0C
$4655 0D 14 14  ORA $1414
$4658      .byte $14,$14,$14,$14,$0C
$465D 0D 14 14  ORA $1414
$4660      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4668      .byte $0C
$4669 0D 14 14  ORA $1414
$466C      .byte $14
$466D 6A      ROR A
$466E      .byte $0C
$466F 0D 14 14  ORA $1414
$4672      .byte $0C
$4673 0D 14 14  ORA $1414
$4676      .byte $14,$14
$4678 3D 14 0C  AND $0C14,X
$467B 0D 58 59  ORA $5958
$467E 40      RTI
//-----
$467F 41 54    EOR ($54,X)
$4681      .byte $54,$54
$4683 55 07    EOR $07,X
$4685 5E 5F 64  LSR $645F,X
$4688 4E 43 66  LSR $6643
$468B      .byte $67,$42,$43
```

\$468E 45 46 EOR \$46
\$4690 .byte \$14
\$4691 0E 14 14 ASL \$1414
\$4694 .byte \$14
\$4695 0E 14 14 ASL \$1414
\$4698 .byte \$14
\$4699 0E 0E 97 ASL \$970E
\$469C .byte \$14,\$00,\$0C
\$469F 0D 0C 0D ORA \$0D0C
\$46A2 .byte \$14,\$00,\$0C
\$46A5 0D 14 0E ORA \$0E14
\$46A8 .byte \$14
\$46A9 0E 45 46 ASL \$4645
\$46AC .byte \$14
\$46AD 0E 0E 0F ASL \$0F0E
\$46B0 .byte \$0C
\$46B1 0D 14 0E ORA \$0E14
\$46B4 .byte \$14
\$46B5 0E 14 14 ASL \$1414
\$46B8 .byte \$14,\$14,\$0C
\$46BB 0D 14 14 ORA \$1414
\$46BE .byte \$14,\$14
\$46C0 45 46 EOR \$46
\$46C2 .byte \$0C
\$46C3 0D 14 0E ORA \$0E14
\$46C6 .byte \$14
\$46C7 0E 14 0E ASL \$0E14
\$46CA 0E 0E 14 ASL \$140E
\$46CD .byte \$14,\$14,\$14,\$97,\$14,\$14,\$14,\$14

\$46D5 0E 0C 0D ASL \$0D0C
\$46D8 .byte \$14
\$46D9 0E 0C 0D ASL \$0D0C
\$46DC .byte \$14,\$14,\$14,\$14,\$14,\$14,\$3C,\$14
\$46E4 .byte \$14,\$14,\$00,\$97,\$00,\$14,\$14,\$00
\$46EC .byte \$97,\$00,\$14,\$14,\$00,\$97,\$00,\$14
\$46F4 .byte \$14,\$00,\$97,\$00
\$46F8 69 09 ADC #\$09
\$46FA 68 PLA
\$46FB 69 58 ADC #\$58
\$46FD .byte \$AF,\$AF,\$64
\$4700 AE AF 6E LDX \$6EAF
\$4703 .byte \$6F
\$4704 0A ASL A
\$4705 .byte \$14
\$4706 0E 14 0A ASL \$0A14
\$4709 .byte \$0B
\$470A 0A ASL A
\$470B .byte \$0B,\$14,\$14,\$14,\$14
\$4710 0E 14 0E ASL \$0E14
\$4713 .byte \$14,\$14,\$14
\$4716 0E 14 14 ASL \$1414
\$4719 .byte \$14,\$14,\$14
\$471C 0E 14 14 ASL \$1414
\$471F .byte \$14,\$0C
\$4721 0D 14 14 ORA \$1414
\$4724 .byte \$14,\$14,\$14
\$4727 45 46 EOR \$46
\$4729 .byte \$14

\$472A OE OF 14 ASL \$140F
\$472D .byte \$14,\$3C,\$14,\$14,\$14,\$14,\$14,\$14
\$4735 .byte \$3C,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$473D .byte \$14
\$473E 6A ROR A
\$473F .byte \$14
\$4740 0A ASL A
\$4741 .byte \$0B
\$4742 6A ROR A
\$4743 .byte \$6B,\$14,\$14
\$4746 45 46 EOR \$46
\$4748 .byte \$14,\$14
\$474A OE OF 6A ASL \$6A0F
\$474D .byte \$6B
\$474E 6A ROR A
\$474F .byte \$14
\$4750 6A ROR A
\$4751 .byte \$14
\$4752 6A ROR A
\$4753 .byte \$6B
\$4754 OE OF 14 ASL \$140F
\$4757 .byte \$14,\$14,\$14,\$14,\$14
\$475C OE OF 14 ASL \$140F
\$475F .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4767 .byte \$14
\$4768 OE OF 14 ASL \$140F
\$476B .byte \$14,\$14,\$14
\$476E OE OF 14 ASL \$140F
\$4771 .byte \$14

\$4772 0E 0F 14 ASL \$140F
\$4775 .byte \$14,\$14,\$14,\$3C,\$14,\$14,\$0F,\$5A
\$477D .byte \$5B,\$42,\$43,\$54
\$4781 59 54 67 EOR \$6754,Y
\$4784 .byte \$07,\$07,\$67
\$4787 55 56 EOR \$56,X
\$4789 .byte \$54,\$54,\$5B
\$478C 56 57 LSR \$57,X
\$478E 45 46 EOR \$46
\$4790 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4798 .byte \$14,\$14,\$14
\$479B 3D 14 14 AND \$1414,X
\$479E 0E 0F 0E ASL \$0E0F
\$47A1 .byte \$0F,\$14,\$14
\$47A4 0E 0F 14 ASL \$140F
\$47A7 .byte \$14,\$14,\$14
\$47AA 45 46 EOR \$46
\$47AC .byte \$14,\$14,\$14,\$14
\$47B0 06 0F ASL \$0F
\$47B2 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$47BA 0E 0F 14 ASL \$140F
\$47BD .byte \$14,\$14,\$14
\$47C0 45 46 EOR \$46
\$47C2 0E 0F 14 ASL \$140F
\$47C5 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$47CD .byte \$14,\$14,\$14
\$47D0 3D 14 14 AND \$1414,X
\$47D3 .byte \$14,\$14,\$14
\$47D6 0E 0F 14 ASL \$140F

\$47D9 .byte \$14
\$47DA 0E 0F 14 ASL \$140F
\$47DD .byte \$14,\$14,\$14,\$14,\$14
\$47E2 3D 14 14 AND \$1414,X
\$47E5 .byte \$14,\$00,\$97,\$00,\$14,\$14,\$14,\$3C
\$47ED .byte \$14,\$14,\$14,\$00,\$97,\$00,\$14,\$14
\$47F5 .byte \$14,\$3C
\$47F7 6A ROR A
\$47F8 .byte \$00,\$14
\$47FA 6A ROR A
\$47FB .byte \$14
\$47FC 66 43 ROR \$43
\$47FE 59 65 A8 EOR \$A865,Y
\$4801 A9 0C LDA #\$0C
\$4803 0D 14 14 ORA \$1414
\$4806 .byte \$14,\$14,\$14
\$4809 0E 14 0E ASL \$0E14
\$480C .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4814 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$481C .byte \$14,\$14,\$14,\$14
\$4820 0E 14 14 ASL \$1414
\$4823 .byte \$14,\$14,\$14,\$14
\$4827 45 46 EOR \$46
\$4829 .byte \$14,\$14,\$14,\$14,\$14,\$97,\$14,\$14
\$4831 .byte \$14,\$14,\$14,\$14,\$97,\$14,\$14,\$14
\$4839 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4841 0E 14 14 ASL \$1414
\$4844 .byte \$14,\$14
\$4846 45 46 EOR \$46

```
$4848      .byte $14,$14,$14,$14,$14,$14,$14,$14
//-----
L_JSR_($4854)_($9A29) JAM
//-----
$4850      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4858      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4860      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4868      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4870      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4878      .byte $97,$14,$14,$14
$487C 6C 6D 58 JMP ($586D)
$487F 59 66 54 EOR $5466,Y
$4882      .byte $64
$4883 5E 5F 64 LSR $645F,X
$4886 41 59   EOR ($59,X)
$4888      .byte $54
$4889 55 08   EOR $08,X
$488B 09 6C   ORA #$6C
$488D 6D 45 46 ADC $4645
$4890      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4898      .byte $14,$14,$14,$3C,$14,$14,$14,$14
$48A0      .byte $14,$14,$14,$14,$14,$14,$14,$14
$48A8      .byte $14,$14
$48AA 45 46   EOR $46
$48AC      .byte $14,$14,$14,$14,$14,$14,$14,$14
$48B4      .byte $14,$14,$14,$14,$14,$14,$14,$14
$48BC      .byte $14,$14,$14,$14
$48C0 45 46   EOR $46
$48C2      .byte $14,$14,$14,$14,$14,$14,$14,$14
```

\$48CA .byte \$14,\$14,\$14,\$14,\$14,\$14,\$3C,\$14
\$48D2 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$48DA .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$48E2 .byte \$3C,\$14,\$14,\$14,\$00,\$3C,\$00,\$14
\$48EA .byte \$14,\$14,\$97,\$14,\$14,\$14,\$00,\$3C
\$48F2 .byte \$00,\$14,\$14,\$14,\$97,\$14,\$14,\$14
\$48FA .byte \$14,\$14
\$48FC 6E 6F AF ROR \$AF6F
\$48FF .byte \$64
\$4900 6E 6F 0E ROR \$0E6F
\$4903 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$490B .byte \$14,\$14,\$14,\$14,\$14,\$14
\$4911 1D 1D 1D ORA \$1D1D,X
\$4914 .byte \$1F
\$4915 1D 1D 1D ORA \$1D1D,X
\$4918 .byte \$1F,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4920 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4927 45 46 EOR \$46
\$4929 .byte \$14,\$14,\$14,\$14,\$14
\$492E 3D 14 14 AND \$1414,X
\$4931 .byte \$14,\$14,\$14,\$14
\$4935 3D 14 14 AND \$1414,X
\$4938 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4940 .byte \$14,\$14,\$14,\$14,\$14,\$14
\$4946 45 46 EOR \$46
\$4948 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4950 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4958 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4960 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

\$4968 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4970 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4978 3D 14 14 AND \$1414,X
\$497B .byte \$14
\$497C 6E 6F 5A ROR \$5A6F
\$497F .byte \$5B,\$54,\$54
\$4982 66 4C ROR \$4C
\$4984 4D 4C 4C EOR \$4C4C
\$4987 .byte \$5B
\$4988 56 57 LSR \$57,X
\$498A 0A ASL A
\$498B .byte \$0B
\$498C 6E 6F 45 ROR \$456F
\$498F 46 14 LSR \$14
\$4991 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4999 .byte \$14,\$14,\$97,\$14,\$14,\$14,\$14,\$14
\$49A1 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$49A9 .byte \$14
\$49AA 45 46 EOR \$46
\$49AC .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$49B4 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$49BC .byte \$14,\$14,\$14,\$14
\$49C0 45 46 EOR \$46
\$49C2 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$49CA .byte \$14,\$14,\$14,\$14,\$14,\$14
\$49D0 3D 14 14 AND \$1414,X
\$49D3 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$49DB .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$97
\$49E3 .byte \$14,\$14,\$14,\$00

\$49E7 3D 00 14 AND \$1400,X
\$49EA .byte \$14,\$14,\$97,\$14,\$14,\$14,\$00
\$49F1 3D 00 14 AND \$1400,X
\$49F4 .byte \$14,\$14
\$49F6 3D 14 14 AND \$1414,X
\$49F9 .byte \$14,\$14,\$14,\$0C
\$49FD 0D AF AF ORA \$AF AF
\$4A00 .byte \$0C
\$4A01 0D 14 14 ORA \$1414
\$4A04 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4A0C .byte \$14,\$14,\$14,\$14,\$14,\$22,\$22,\$22
\$4A14 20 22 22 JSR L_JSR_(\$2222)_(\$4A14) BAD
\$4A17 .byte \$22
\$4A18 20 14 14 JSR L_JSR_(\$1414)_(\$4A18) JAM
\$4A1B .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4A23 .byte \$14,\$14,\$14,\$14
\$4A27 45 46 EOR \$46
\$4A29 .byte \$14,\$14,\$14,\$14,\$14,\$3C,\$14,\$14
\$4A31 .byte \$14,\$14,\$14,\$14,\$3C,\$14,\$14,\$14
\$4A39 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4A41 .byte \$14,\$14,\$14,\$14,\$14
\$4A46 45 46 EOR \$46
\$4A48 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4A50 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4A58 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4A60 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4A68 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4A70 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4A78 .byte \$3C,\$14,\$14,\$14

\$4A7C 0E 0D 58 ASL \$580D
\$4A7F 66 66 ROR \$66
\$4A81 59 54 5E EOR \$5E54,Y
\$4A84 .byte \$5F,\$64
\$4A86 4E 59 6C LSR \$6C59
\$4A89 6D 14 00 ADC \$0014
\$4A8C .byte \$0C
\$4A8D 0D 45 46 ORA \$4645
\$4A90 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4A98 .byte \$14,\$14,\$14
\$4A9B 3D 14 14 AND \$1414,X
\$4A9E .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4AA6 .byte \$14,\$14,\$14,\$14
\$4AAA 45 46 EOR \$46
\$4AAC .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4AB4 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4ABC .byte \$14,\$14,\$14,\$14
\$4AC0 45 46 EOR \$46
\$4AC2 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4ACA .byte \$14,\$14,\$14,\$14,\$14,\$14,\$3C,\$14
\$4AD2 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4ADA .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4AE2 3D 14 14 AND \$1414,X
\$4AE5 .byte \$14,\$00,\$3C,\$00,\$14,\$14,\$14
\$4AEC 3D 14 14 AND \$1414,X
\$4AEF .byte \$14,\$00,\$3C,\$00,\$14,\$14,\$14,\$3C
\$4AF7 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$0F,\$AF
\$4AFF 65 0E ADC \$0E
\$4B01 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

\$4B09 1D 1D 1D ORA \$1D1D,X
\$4B0C .byte \$1F
\$4B0D 1D 1D 1D ORA \$1D1D,X
\$4B10 .byte \$1F
\$4B11 1D 1D 1D ORA \$1D1D,X
\$4B14 .byte \$1F
\$4B15 1D 1D 1D ORA \$1D1D,X
\$4B18 .byte \$1F
\$4B19 1D 1D 1D ORA \$1D1D,X
\$4B1C .byte \$1F,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4B24 .byte \$14,\$14,\$14
\$4B27 45 46 EOR \$46
\$4B29 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4B31 .byte \$14,\$14,\$14,\$14,\$97,\$14,\$14,\$14
\$4B39 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4B41 .byte \$14,\$14,\$14,\$14,\$14
\$4B46 45 46 EOR \$46
\$4B48 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4B50 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4B58 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4B60 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4B68 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4B70 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4B78 .byte \$97,\$14,\$14,\$14,\$14,\$0F,\$5A,\$54
\$4B80 .byte \$54,\$54,\$54,\$54
\$4B84 6E 6F 5A ROR \$5A6F
\$4B87 .byte \$5B
\$4B88 6E 6F 14 ROR \$146F
\$4B8B .byte \$14

```
$4B8C 0E 0F 45 ASL $450F
$4B8F 46 14 LSR $14
$4B91 .byte $14,$14,$14,$14,$14,$14,$14,$14
$4B99 .byte $14,$14,$3C,$14,$14,$14,$14,$14
$4BA1 .byte $14,$14,$14,$14,$14,$14,$14,$14
$4BA9 .byte $14
$4BAA 45 46 EOR $46
$4BAC .byte $14,$14,$14,$14,$14,$14,$14,$14
$4BB3 1D 1D 1D ORA $1D1D,X
$4BB6 .byte $1F
$4BB7 1D 1D 1D ORA $1D1D,X
$4BBA .byte $1F,$14,$14,$14,$14,$14
$4BC0 45 46 EOR $46
$4BC2 .byte $14,$14,$14,$14,$14,$14,$14,$14
$4BCA .byte $14,$14,$14,$14,$14,$14,$97,$14
$4BD2 .byte $14,$14,$14,$14,$14,$14,$14,$14
$4BDA .byte $14,$14,$14,$14,$14,$14,$14,$14
$4BE2 .byte $3C,$14,$14,$14,$00,$97,$00,$14
$4BEA .byte $14,$14,$97,$14,$14,$14,$00,$97
$4BF2 .byte $00,$14,$14,$14,$97,$14,$14,$14
$4BFA .byte $14,$14
$4BFC 11 11 ORA ($11),Y
$4BFE .byte $AF
$4BFF 65 11 ADC $11
$4C01 11 14 ORA ($14),Y
$4C03 .byte $14,$14,$14,$14,$14,$14,$22,$22
$4C0B .byte $22
$4C0C 20 22 22 JSR L_JSR_($2222)_($4C0C) BAD
$4C0F .byte $22
```

```

$4C10 20 22 22 JSR L_JSR_($2222)_($4C10) BAD
$4C13      .byte $22
$4C14 20 22 22 JSR L_JSR_($2222)_($4C14) BAD
$4C17      .byte $22
$4C18 20 22 22 JSR L_JSR_($2222)_($4C18) BAD
$4C1B      .byte $22
$4C1C 20 14 14 JSR L_JSR_($1414)_($4C1C) JAM
$4C1F      .byte $14,$14,$14,$14
$4C23 24 25  BIT $25
$4C25 24 25  BIT $25
$4C27 45 46  EOR $46
$4C29      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4C31      .byte $14,$14,$14,$14
$4C35 3D 14 14 AND $1414,X
$4C38      .byte $14,$14,$14,$14,$14,$14,$14,$14
//-----
L_JSR_($4C43)_($9AE1) JAM
//-----
$4C40      .byte $14,$14,$14,$14,$14,$14
$4C46 45 46  EOR $46
//-----
L_JMP_($4C4D)_($3D77) JAM
L_JMP_($4C4D)_($3E74) JAM
L_JMP_($4C4D)_($405A) JAM
L_JMP_($4C4D)_($4153) JAM
L_JMP_($4C4D)_($4186) JAM
L_JMP_($4C4D)_($4585) JAM
//-----
$4C48      .byte $14,$14,$14,$14,$14,$14,$14,$14

```

\$4C50 .byte \$14,\$14,\$14,\$14,\$14
\$4C55 24 25 BIT \$25
\$4C57 24 25 BIT \$25
\$4C59 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4C61 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4C69 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4C71 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4C78 3D 14 14 AND \$1414,X
\$4C7B .byte \$14,\$14,\$14
\$4C7E 58 CLI
\$4C7F 66 66 ROR \$66
\$4C81 59 66 43 EOR \$4366,Y
\$4C84 .byte \$0C
\$4C85 0D 08 09 ORA \$0908
\$4C88 .byte \$0C
\$4C89 0D 14 14 ORA \$1414
\$4C8C .byte \$14,\$14
\$4C8E 45 46 EOR \$46
\$4C90 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4C98 .byte \$14,\$14,\$14,\$97,\$14,\$14,\$14,\$14
\$4CA0 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4CA8 .byte \$14,\$14
\$4CAA 45 46 EOR \$46
\$4CAC .byte \$14
\$4CAD 24 25 BIT \$25
\$4CAF 24 25 BIT \$25
\$4CB1 .byte \$14,\$14,\$22,\$22,\$22
\$4CB6 20 22 22 JSR L_JSR_(\$2222)_(\$4CB6) BAD
\$4CB9 .byte \$22

\$4CBA 20 14 14 JSR L_JSR_(\$1414)_(\$4CBA) JAM
\$4CBD .byte \$14,\$14,\$14
\$4CC0 45 46 EOR \$46
\$4CC2 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4CCA .byte \$14,\$14,\$14,\$14,\$14,\$14
\$4CD0 3D 14 14 AND \$1414,X
\$4CD3 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4CDB .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4CE2 3D 14 14 AND \$1414,X
\$4CE5 .byte \$14,\$00,\$97,\$00,\$14,\$14,\$14
\$4CEC 3D 14 14 AND \$1414,X
\$4CEF .byte \$14,\$00,\$97,\$00,\$14,\$14,\$14,\$97
\$4CF7 .byte \$14,\$14,\$14,\$14,\$14,\$12,\$AF
\$4CFE 59 64 12 EOR \$1264,Y
\$4D01 .byte \$AF,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4D09 1D 1D 1D ORA \$1D1D,X
\$4D0C .byte \$1F
\$4D0D 1D 1D 1D ORA \$1D1D,X
\$4D10 .byte \$1F
\$4D11 1D 1D 1D ORA \$1D1D,X
\$4D14 .byte \$1F
\$4D15 1D 1D 1D ORA \$1D1D,X
\$4D18 .byte \$1F
\$4D19 1D 1D 1D ORA \$1D1D,X
\$4D1C .byte \$1F
\$4D1D 1D 1D 1D ORA \$1D1D,X
\$4D20 .byte \$1F,\$14,\$14
\$4D23 18 CLC
\$4D24 10 18 BPL L_BRS_(\$4D3E)_(\$4D24) JAM

```

$4D26 10 45  BPL L_BRS_($4D6D)_($4D26) OK
$4D28 46 14  LSR $14
$4D2A      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4D32      .byte $14,$14,$14,$3C,$14,$14,$14,$14
//-----
L_BRS_($4D3E)_($4D24) JAM
//-----
$4D3A      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4D42      .byte $14,$14,$14,$14
$4D46 45 46  EOR $46
//-----
L_JMP_($4D49)_($C60B) JAM
//-----
$4D48      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4D50      .byte $14,$14,$14,$14,$14
$4D55 18    CLC
$4D56 10 18  BPL L_BRS_($4D70)_($4D56) BAD
$4D58 10 14  BPL L_BRS_($4D6E)_($4D58) BAD
$4D5A      .byte $14,$14,$14,$14
$4D5E E5 C9  SBC $C9
$4D60 C9 E6  CMP #$E6
$4D62      .byte $14,$14
$4D64 E5 C9  SBC $C9
$4D66 C9 CA  CMP #$CA
$4D68 C9 E6  CMP #$E6
$4D6A      .byte $14,$14,$14
//-----
L_BRS_($4D6D)_($4D26) OK
L_BRS_($4D6E)_($4D58) BAD

```

```

//-----
$4D6D 24 25 BIT $25
//-----
L_BRS_($4D70)_($4D56) BAD
//-----
$4D6F 24 25 BIT $25
$4D71 .byte $14,$14,$14,$14,$14,$14,$14,$14,$3C
$4D79 .byte $14,$14,$14,$14,$14
$4D7E 66 65 ROR $65
$4D80 66 43 ROR $43
$4D82 6E 6F 0E ROR $0E6F
$4D85 0D 0A 0B ORA $0B0A
$4D88 0E 0F 14 ASL $140F
$4D8B .byte $14,$14,$14
$4D8E 45 46 EOR $46
$4D90 .byte $14,$14,$14,$14,$14,$14,$14,$14,$14
$4D98 .byte $14,$14,$14
$4D9B 3D 14 14 AND $1414,X
$4D9E .byte $14,$14,$14,$14,$14,$14,$14,$14,$14
$4DA6 .byte $14,$14,$14,$14
$4DAA 45 46 EOR $46
$4DAC .byte $14
$4DAD 18 CLC
$4DAE 10 18 BPL L_BRS_($4DC8)_($4DAE) JAM
$4DB0 10 14 BPL L_BRS_($4DC6)_($4DB0) JAM
$4DB2 .byte $14
$4DB3 1D 1D 1D ORA $1D1D,X
$4DB6 .byte $1F
$4DB7 1D 1D 1D ORA $1D1D,X

```



```

$4DBA    .byte $1F
$4DBB 1D 1D 1D ORA $1D1D,X
$4DBE    .byte $1F,$14
$4DC0 45 46  EOR $46
//-----
L_BRS_($4DC6)_($4DB0) JAM
L_BRS_($4DC8)_($4DAE) JAM
//-----
$4DC2    .byte $14,$14,$14,$14,$14,$14,$14,$14
$4DCA    .byte $14,$14,$14,$14,$14,$14,$3C,$14
$4DD2    .byte $14,$14,$14,$14,$14,$14,$14,$14
$4DDA    .byte $14,$14,$14,$14,$14,$14,$14,$14
$4DE2    .byte $3C,$14,$14,$14,$00
$4DE7 3D 00 14 AND $1400,X
$4DEA    .byte $14,$14,$3C,$14,$14,$14,$00
$4DF1 3D 00 14 AND $1400,X
$4DF4    .byte $14,$14,$97,$14,$14,$14,$14,$14
$4DFC 66 66  ROR $66
$4DFE    .byte $AF,$AF,$54
$4E01 59 C9 CA EOR $CAC9,Y
$4E04 C9 CA  CMP #$CA
$4E06 C9 CA  CMP #$CA
$4E08 C9 21  CMP #21
$4E0A 21 21  AND ($21,X)
$4E0C    .byte $23
$4E0D 21 21  AND ($21,X)
$4E0F 21 23  AND ($23,X)
$4E11 21 21  AND ($21,X)
$4E13 21 23  AND ($23,X)

```

```
$4E15 21 21 AND ($21,X)
$4E17 21 23 AND ($23,X)
$4E19 21 21 AND ($21,X)
$4E1B 21 23 AND ($23,X)
$4E1D 21 21 AND ($21,X)
$4E1F 21 23 AND ($23,X)
$4E21 CA DEX
$4E22 C9 02 CMP #$02
$4E24 .byte $03,$02,$03
$4E27 8C 8D C9 STY $C98D
$4E2A C9 CA CMP #$CA
$4E2C C9 CA CMP #$CA
$4E2E C9 CA CMP #$CA
$4E30 C9 E6 CMP #$E6
$4E32 .byte $14,$14,$14,$97,$14,$14,$14
$4E39 E5 C9 SBC $C9
$4E3B CA DEX
$4E3C C9 CA CMP #$CA
$4E3E C9 C9 CMP #$C9
$4E40 CA DEX
//-----
L_JSR_($4E41)_($1026) OK
//-----
$4E41 C9 CA CMP #$CA
$4E43 C9 CA CMP #$CA
$4E45 C9 8C CMP #$8C
$4E47 8D C9 CA STA $CAC9
$4E4A C9 CA CMP #$CA
//-----
```

```
L_JMP_($4E4D)_($3516) BAD
L_JMP_($4E4D)_($795D) BAD
L_JMP_($4E4D)_($C2DD) BAD
//-----
$4E4C C9 CA  CMP #$CA
$4E4E C9 CA  CMP #$CA
$4E50 C9 CA  CMP #$CA
$4E52 C9 CA  CMP #$CA
$4E54 C9 02  CMP #$02
$4E56      .byte $03,$02,$03
$4E59 C9 C9  CMP #$C9
$4E5B E6 14  INC $14
$4E5D      .byte $14
$4E5E 8E 92 92 STX $9292
$4E61      .byte $93,$14,$14
$4E64 8E 92 92 STX $9292
$4E67      .byte $3F,$92,$93,$14,$14,$14
$4E6D 18    CLC
$4E6E 10 18  BPL L_BRS_($4E88)_($4E6E) BAD
$4E70 10 14  BPL L_BRS_($4E86)_($4E70) JAM
$4E72      .byte $14,$14,$14,$14,$14,$14,$97,$14
$4E7A      .byte $14,$14,$14,$14
$4E7E 08    PHP
$4E7F 66 6E  ROR $6E
$4E81      .byte $6F,$0C
$4E83 0D 14 0F ORA $0F14
//-----
L_BRS_($4E86)_($4E70) JAM
//-----
```

```
$4E86      .byte $14
//-----
L_BRS_($4E88)_($4E6E) BAD
//-----
$4E87 0E 14 14 ASL $1414
$4E8A      .byte $14,$14,$14,$14
$4E8E 45 46  EOR $46
$4E90      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4E98      .byte $14,$14,$14,$3C,$14,$14,$14
$4E9F E5 C9  SBC $C9
$4EA1 C9 C9  CMP #$C9
$4EA3 C9 C9  CMP #$C9
$4EA5 C9 C9  CMP #$C9
$4EA7 C9 C9  CMP #$C9
$4EA9 C9 8C  CMP #$8C
$4EAB 8D C9 02 STA $02C9
$4EAE      .byte $03,$02,$03
$4EB1 C9 C9  CMP #$C9
$4EB3 21 21  AND ($21,X)
$4EB5 21 23  AND ($23,X)
$4EB7 21 21  AND ($21,X)
$4EB9 21 23  AND ($23,X)
$4EBB 21 21  AND ($21,X)
$4EBD 21 23  AND ($23,X)
$4EBF C9 8C  CMP #$8C
$4EC1 8D C9 C9 STA $C9C9
$4EC4 C9 C9  CMP #$C9
$4EC6 C9 E6  CMP #$E6
$4EC8      .byte $14,$14,$14,$14,$14,$14,$14,$14
```

\$4ED0 .byte \$97,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4ED8 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$4EE0 .byte \$14,\$14,\$97,\$14,\$14,\$14,\$00,\$3C
\$4EE8 .byte \$00,\$14,\$14,\$14,\$97,\$14,\$14,\$14
\$4EF0 .byte \$00,\$3C,\$00,\$14,\$14,\$14
\$4EF6 3D 14 14 AND \$1414,X
\$4EF9 .byte \$14,\$14,\$14
\$4EFC 66 AF ROR \$AF
\$4EFE .byte \$AF
\$4EFF 65 66 ADC \$66
\$4F01 65 3F ADC \$3F
\$4F03 .byte \$3F
\$4F04 3E 3F 3E ROL \$3E3F,X
\$4F07 .byte \$3F
\$4F08 3E 3F 3E ROL \$3E3F,X
\$4F0B .byte \$3F
\$4F0C 3E 3F 3E ROL \$3E3F,X
\$4F0F .byte \$3F
\$4F10 3E 3F 3E ROL \$3E3F,X
\$4F13 .byte \$3F
\$4F14 3E 3F 3E ROL \$3E3F,X
\$4F17 .byte \$3F
\$4F18 3E 3F 3E ROL \$3E3F,X
\$4F1B .byte \$3F
\$4F1C 3E 3F 3E ROL \$3E3F,X
\$4F1F .byte \$3F
\$4F20 3E 3F 3E ROL \$3E3F,X
\$4F23 .byte \$3F
\$4F24 3E 3F 3F ROL \$3F3F,X

```
$4F27 3E 3F 3F ROL $3F3F,X
$4F2A 3E 3F 3E ROL $3E3F,X
$4F2D 3E 3E 3F ROL $3F3E,X
$4F30 3E 93 14 ROL $1493,X
$4F33      .byte $14,$14
$4F35 3D 14 14 AND $1414,X
$4F38      .byte $14
$4F39 8E 3F 3E STX $3E3F
$4F3C      .byte $3F
$4F3D 3E 3E 3F ROL $3F3E,X
$4F40 3E 3F 3E ROL $3E3F,X
//-----
L_JSR_($4F43)_($102A) JAM
//-----
$4F43      .byte $3F
$4F44 3E 3F 3E ROL $3E3F,X
$4F47      .byte $3F
$4F48 3E 3F 3E ROL $3E3F,X
$4F4B      .byte $3F
$4F4C 3E 3F 3E ROL $3E3F,X
$4F4F      .byte $3F
$4F50 3E 3F 3E ROL $3E3F,X
$4F53      .byte $3F
$4F54 3E 3F 3E ROL $3E3F,X
$4F57      .byte $3F
$4F58 3E 3F 92 ROL $923F,X
$4F5B      .byte $93,$14,$14,$14,$14,$14,$14,$14
$4F63      .byte $14,$14,$14
$4F66 45 46  EOR $46
```

```
$4F68      .byte $14,$14,$14
$4F6B E5 C9  SBC $C9
$4F6D      .byte $02,$03,$02,$03
$4F71 C9 CA  CMP #$CA
$4F73 C9 C9  CMP #$C9
$4F75 E6 14  INC $14
$4F77      .byte $14
$4F78 3D 14 14 AND $1414,X
$4F7B      .byte $14,$14,$14
$4F7E 0A     ASL A
$4F7F      .byte $0B,$0C
$4F81 0D 14 0F ORA $0F14
$4F84      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4F8C      .byte $14,$14
$4F8E 45 46  EOR $46
$4F90      .byte $14,$14,$14,$14,$14,$14,$14,$14
$4F98      .byte $14,$14,$14,$97,$14,$14,$14
$4F9F 8E 92 92 STX $9292
$4FA2 3E 3F 3E ROL $3E3F,X
$4FA5      .byte $3F
$4FA6 3E 3F 3E ROL $3E3F,X
$4FA9      .byte $3F
$4FAA 3E 3F 3E ROL $3E3F,X
$4FAD      .byte $3F
$4FAE 3E 3F 3E ROL $3E3F,X
$4FB1      .byte $3F
$4FB2 3E 3F 3E ROL $3E3F,X
$4FB5      .byte $3F
$4FB6 3E 3F 3E ROL $3E3F,X
```

```
$4FB9    .byte $3F
$4FBA 3E 3F 3E ROL $3E3F,X
$4FBD    .byte $3F
$4FBE 3E 3F 3E ROL $3E3F,X
$4FC1    .byte $3F
$4FC2 3E 3F 3E ROL $3E3F,X
$4FC5    .byte $3F,$92,$93,$14,$14,$14,$14,$14
$4FCD    .byte $14,$14,$14
$4FD0 3D 14 14 AND $1414,X
$4FD3    .byte $14,$14,$14,$14,$14,$14,$14,$14
$4FDB    .byte $14,$14,$14,$14,$14,$14,$14
$4FE2 3D 14 14 AND $1414,X
$4FE5    .byte $14,$00
$4FE7 3D 00 14 AND $1400,X
$4FEA    .byte $14,$14
$4FEC 3D 14 14 AND $1414,X
$4FEF    .byte $14,$00
$4FF1 3D 00 14 AND $1400,X
$4FF4    .byte $14,$14,$3C,$14,$14,$14,$14,$14
$4FFC 66 AF  ROR $AF
$4FFE 59 64 66 EOR $6664,Y
$5001    .byte $64,$64
$5003 66 A9  ROR $A9
$5005    .byte $54
$5006 66 66  ROR $66
$5008    .byte $64,$64,$54
$500B 66 64  ROR $64
$500D 66 54  ROR $54
//-----
```


L_JSR_(\$5010)_(\$1F97) BAD

//-----

\$500F 66 64 ROR \$64

\$5011 .byte \$54

\$5012 A9 54 LDA #\$54

\$5014 .byte \$64,\$64

\$5016 66 66 ROR \$66

\$5018 66 54 ROR \$54

\$501A .byte \$64,\$64,\$54

\$501D 66 64 ROR \$64

\$501F .byte \$54,\$64,\$54,\$54,\$64,\$54

\$5025 66 54 ROR \$54

\$5027 41 40 EOR (\$40,X)

\$5029 41 40 EOR (\$40,X)

\$502B 41 64 EOR (\$64,X)

\$502D 65 66 ADC \$66

\$502F 65 54 ADC \$54

\$5031 55 14 EOR \$14,X

\$5033 .byte \$14,\$14,\$3C,\$14,\$14,\$14,\$14

\$503A 6A ROR A

\$503B 40 RTI

//-----

\$503C 40 RTI

//-----

\$503D 41 66 EOR (\$66,X)

\$503F 65 64 ADC \$64

\$5041 65 66 ADC \$66

\$5043 65 66 ADC \$66

\$5045 41 64 EOR (\$64,X)

\$5047 65 64 ADC \$64
\$5049 .byte \$43,\$64,\$43,\$43,\$64,\$64,\$43,\$43
\$5051 .byte \$43,\$43
\$5053 41 43 EOR (\$43,X)
\$5055 .byte \$54
\$5056 66 41 ROR \$41
\$5058 .byte \$54,\$54
\$505A 66 41 ROR \$41
\$505C C9 CA CMP #\$CA
\$505E C9 CA CMP #\$CA
\$5060 C9 E6 CMP #\$E6
\$5062 .byte \$14,\$14,\$14,\$14
\$5066 45 46 EOR \$46
\$5068 .byte \$14,\$14,\$14
\$506B 8E 92 3E STX \$3E92
\$506E .byte \$92
\$506F 3E 3E 3E ROL \$3E3E,X
\$5072 3E 92 92 ROL \$9292,X
\$5075 .byte \$93,\$14,\$14,\$3C,\$14,\$14,\$14,\$14
\$507D .byte \$14
\$507E 11 11 ORA (\$11),Y
\$5080 .byte \$14,\$0F
\$5082 11 11 ORA (\$11),Y
\$5084 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$508C .byte \$14,\$14
\$508E 45 46 EOR \$46
\$5090 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5098 .byte \$14,\$14,\$14
\$509B 3D 14 14 AND \$1414,X

```
$509E    .byte $14,$0B
$50A0 58    CLI
$50A1    .byte $54,$54,$54,$54,$54,$54,$54,$54
$50A9    .byte $54
$50AA 59 54 59 EOR $5954,Y
$50AD    .byte $54,$54,$54,$54
$50B1 59 54 54 EOR $5454,Y
$50B4 59 54 54 EOR $5454,Y
$50B7 59 54 59 EOR $5954,Y
$50BA    .byte $54
$50BB 59 59 54 EOR $5459,Y
$50BE    .byte $54,$54
$50C0 59 54 54 EOR $5454,Y
$50C3 59 54 56 EOR $5654,Y
$50C6    .byte $54
$50C7 55 C9    EOR $C9,X
$50C9 C9 C9    CMP #$C9
$50CB E6 14    INC $14
$50CD    .byte $14,$14,$14,$3C,$14,$14,$14,$14
$50D5    .byte $14,$14,$14,$14,$14,$14,$14,$14
$50DD    .byte $14,$14,$14,$14,$14,$3C,$14,$14
$50E5    .byte $14,$00,$3C,$00,$14,$14,$14
$50EC 3D 14 14 AND $1414,X
$50EF    .byte $14,$00,$3C,$00,$14,$14,$14,$97
$50F7    .byte $14,$14,$14,$14,$14
$50FC 66 AF    ROR $AF
$50FE 59 AF 55 EOR $55AF,Y
$5101    .byte $43
$5102 55 43    EOR $43,X
```

```
$5104      .byte $43,$54,$43,$43,$54
$5109 55 55  EOR $55,X
$510B A9 54  LDA #$54
$510D      .byte $54,$54,$54,$54,$54,$54
$5113 55 A8  EOR $A8,X
$5115 55 54  EOR $54,X
$5117      .byte $54
$5118 A8     TAY
$5119      .byte $43
$511A A9 43  LDA #$43
$511C      .byte $54
$511D A8     TAY
$511E 55 43  EOR $43,X
$5120 A8     TAY
$5121 A8     TAY
$5122      .byte $54
$5123 A8     TAY
$5124      .byte $54
$5125 55 42  EOR $42,X
$5127      .byte $43,$42,$43,$42,$43
$512C 66 67  ROR $67
$512E 66 66  ROR $66
$5130 56 54  LSR $54,X
$5132      .byte $14,$14,$14,$97,$14,$14,$14,$14
$513A      .byte $14
$513B 68     PLA
$513C 65 6C  ADC $6C
$513E 66 66  ROR $66
$5140 66 67  ROR $67
```

\$5142 66 66 ROR \$66
\$5144 .byte \$54,\$43
\$5146 66 64 ROR \$64
\$5148 .byte \$64
\$5149 66 64 ROR \$64
\$514B 66 64 ROR \$64
\$514D 66 64 ROR \$64
\$514F 66 64 ROR \$64
\$5151 .byte \$64,\$42,\$43
\$5154 66 54 ROR \$54
\$5156 .byte \$43,\$43
\$5158 66 54 ROR \$54
\$515A .byte \$54,\$43
\$515C 3E 3F 3E ROL \$3E3F,X
\$515F .byte \$3F,\$92,\$93,\$14,\$14,\$14,\$14
\$5166 45 46 EOR \$46
\$5168 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5170 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5178 .byte \$97,\$14,\$14,\$14,\$14,\$14,\$12,\$AF
\$5180 11 11 ORA (\$11),Y
\$5182 .byte \$12,\$AF,\$14,\$14,\$14,\$14,\$14,\$14
\$518A .byte \$14,\$14,\$14,\$14
\$518E 45 46 EOR \$46
\$5190 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5198 .byte \$14,\$14,\$14,\$97,\$14,\$14,\$14,\$00
\$51A0 .byte \$0B
\$51A1 59 59 54 EOR \$5459,Y
\$51A4 59 54 59 EOR \$5954,Y
\$51A7 .byte \$54,\$54,\$54,\$54,\$54,\$54

```

$51AD 59 54 54 EOR $5454,Y
$51B0      .byte $54,$54,$54,$54,$54,$54,$54,$54
$51B8 59 54 54 EOR $5454,Y
$51BB      .byte $54
$51BC 59 54 59 EOR $5954,Y
$51BF      .byte $54,$54
$51C1 59 54 59 EOR $5954,Y
$51C4      .byte $54
$51C5 56 56 LSR $56,X
$51C7      .byte $54
$51C8 3E 3F 3F ROL $3F3F,X
$51CB      .byte $93,$14,$14,$14,$14,$97,$14,$14
//-----
L_BRS_($51D9)_($51E6) JAM
//-----
$51D3      .byte $14,$14,$14,$14,$14,$14,$14,$14
$51DB      .byte $14,$14,$14,$14,$14,$14,$14,$97
//-----
L_BRS_($51E3)_($51F0) JAM
//-----
$51E3      .byte $14,$14,$14
$51E6 F0 F1 BEQ L_BRS_($51D9)_($51E6) JAM
$51E8      .byte $F2,$14,$14,$14,$3C,$14,$14,$14
$51F0 F0 F1 BEQ L_BRS_($51E3)_($51F0) JAM
$51F2      .byte $F2,$14,$14,$14,$97,$14,$14,$14
$51FA      .byte $14,$14
$51FC 66 66 ROR $66
$51FE      .byte $AF,$64,$54
$5201 55 66 EOR $66,X

```

```
$5203 69 08  ADC #$08
$5205 09 08  ORA #$08
$5207 09 0B  ORA #$0B
$5209 6C 57 0B JMP ($0B57)
$520C      .byte $0B
$520D 94 6C  STY $6C,X
$520F 6C 6C 6D JMP ($6D6C)
$5212      .byte $54
$5213 55 6C  EOR $6C,X
$5215 94 08  STY $08,X
$5217      .byte $54
$5218 66 54  ROR $54
$521A 58     CLI
$521B 66 68  ROR $68
$521D 69 58  ADC #$58
$521F 59 59 64 EOR $6459,Y
$5222 40     RTI
//-----
$5223 41 40  EOR ($40,X)
$5225 41 54  EOR ($54,X)
$5227 AD 40 41 LDA $4140
$522A A8     TAY
$522B A9 40  LDA #$40
$522D 41 66  EOR ($66,X)
$522F 65 54  ADC $54
$5231 55 14  EOR $14,X
$5233      .byte $14,$14
$5235 3D 14 14 AND $1414,X
$5238      .byte $14,$14,$14
```

```
$523B 68    PLA
$523C 69 08  ADC #$08
$523E 09 45  ORA #$45
$5240 66 65  ROR $65
$5242 A8    TAY
//-----
L_JSR_($5243)_($9A36) OK
//-----
$5243 A9 66  LDA #$66
$5245 41 66  EOR ($66,X)
$5247 66 54  ROR $54
$5249 41 68  EOR ($68,X)
$524B 69 08  ADC #$08
$524D 09 08  ORA #$08
$524F 09 08  ORA #$08
$5251 68    PLA
$5252 69 08  ADC #$08
$5254 09 09  ORA #$09
$5256 49 49  EOR #$49
$5258 68    PLA
$5259 69 68  ADC #$68
$525B 69 6C  ADC #$6C
$525D 6D 66 43 ADC $4366
$5260      .byte $54
$5261 55 14  EOR $14,X
$5263      .byte $14,$14,$14
$5266 45 46  EOR $46
$5268      .byte $14,$14,$14,$14,$14,$14,$14,$14
$5270      .byte $14,$14,$14,$14,$14,$14,$14,$14
```


\$5278 .byte \$97,\$14,\$14,\$14,\$14,\$14,\$54
\$527F 59 12 AF EOR \$AF12,Y
\$5282 66 66 ROR \$66
\$5284 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$528C .byte \$14,\$14
\$528E 45 46 EOR \$46
\$5290 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5298 .byte \$14,\$14,\$14,\$97,\$14,\$14,\$14,\$14
\$52A0 06 09 ASL \$09
\$52A2 48 PHA
\$52A3 49 08 EOR # \$08
\$52A5 09 66 ORA # \$66
\$52A7 .byte \$54
\$52A8 08 PHP
\$52A9 09 66 ORA # \$66
\$52AB .byte \$54
\$52AC 08 PHP
\$52AD 09 08 ORA # \$08
\$52AF 09 48 ORA # \$48
\$52B1 49 08 EOR # \$08
\$52B3 09 08 ORA # \$08
\$52B5 09 66 ORA # \$66
\$52B7 6D 08 09 ADC \$0908
\$52BA 48 PHA
\$52BB 49 08 EOR # \$08
\$52BD 09 64 ORA # \$64
\$52BF 65 58 ADC \$58
\$52C1 59 66 65 EOR \$6566,Y
\$52C4 56 A9 LSR \$A9,X

\$52C6 .byte \$54,\$54
\$52C8 6C 6D 09 JMP (\$096D)
\$52CB 68 PLA
\$52CC .byte \$14,\$14,\$14,\$14
\$52D0 3D 14 14 AND \$1414,X
\$52D3 E5 C9 SBC \$C9
\$52D5 C9 C9 CMP #\$C9
\$52D7 C9 C9 CMP #\$C9
\$52D9 C9 C9 CMP #\$C9
\$52DB C9 C9 CMP #\$C9
\$52DD C9 E6 CMP #\$E6
\$52DF .byte \$14,\$14,\$14
\$52E2 3D 14 14 AND \$1414,X
\$52E5 .byte \$14,\$F3,\$F4
\$52E8 F5 14 SBC \$14,X
\$52EA .byte \$14,\$14
\$52EC 3D 14 14 AND \$1414,X
\$52EF .byte \$14,\$F3,\$F4
\$52F2 F5 14 SBC \$14,X
\$52F4 .byte \$14,\$14
\$52F6 3D 14 14 AND \$1414,X
\$52F9 .byte \$14,\$14,\$14
\$52FC 66 65 ROR \$65
\$52FE .byte \$AF
\$52FF 65 56 ADC \$56
\$5301 55 6A EOR \$6A,X
\$5303 .byte \$14
\$5304 0A ASL A
\$5305 .byte \$0B

\$5306 0A ASL A
\$5307 .byte \$0B
\$5308 0E 0E 0D ASL \$0D0E
\$530B 0E 0E 97 ASL \$970E
\$530E .byte \$14,\$0B
\$5310 6E 6F 6C ROR \$6C6F
\$5313 .byte \$57,\$14,\$97
\$5316 0A ASL A
\$5317 .byte \$0B
\$5318 6C 57 0B JMP (\$0B57)
\$531B .byte \$0B
\$531C 6A ROR A
\$531D .byte \$6B,\$5A,\$43,\$54
\$5321 41 41 EOR (\$41,X)
\$5323 A9 42 LDA #\$42
\$5325 .byte \$43
\$5326 AE AF 42 LDX \$42AF
\$5329 .byte \$43
\$532A AA TAX
\$532B 66 42 ROR \$42
\$532D .byte \$43
\$532E 66 66 ROR \$66
\$5330 56 54 LSR \$54,X
\$5332 .byte \$14,\$14,\$14,\$97,\$14,\$14,\$14,\$14
\$533A .byte \$14
\$533B 6A ROR A
\$533C .byte \$14
\$533D 0A ASL A
\$533E .byte \$0B

```
$533F 45 46 EOR $46
//-----
L_JMP_($5341)_($9A32) OK
//-----
$5341 68 PLA
$5342 69 68 ADC #$68
$5344 69 08 ADC #$08
$5346 09 68 ORA #$68
$5348 69 0B ADC #$0B
$534A 6A ROR A
$534B .byte $14
$534C 0A ASL A
$534D .byte $0B
$534E 0A ASL A
$534F .byte $0B
$5350 0A ASL A
$5351 6A ROR A
$5352 .byte $14
$5353 0A ASL A
$5354 .byte $0B,$0B,$14,$14
$5358 6A ROR A
$5359 .byte $14
$535A 6A ROR A
$535B .byte $14
$535C 6E 6F 6E ROR $6E6F
$535F .byte $6F
$5360 56 66 LSR $66,X
$5362 .byte $14,$14,$14,$14
$5366 45 46 EOR $46
```

\$5368 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5370 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5378 3D 14 14 AND \$1414,X
\$537B .byte \$14,\$14,\$14,\$5A,\$5B
\$5380 66 66 ROR \$66
\$5382 .byte \$64
\$5383 66 14 ROR \$14
\$5385 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$538D .byte \$14
\$538E 45 46 EOR \$46
\$5390 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5398 .byte \$14,\$14,\$14
\$539B 3D 14 14 AND \$1414,X
\$539E .byte \$14,\$14,\$00,\$0B,\$00,\$14,\$14,\$0B
\$53A6 0A ASL A
\$53A7 .byte \$0B
\$53A8 0A ASL A
\$53A9 .byte \$0B
\$53AA 94 00 STY \$00,X
\$53AC 0A ASL A
\$53AD .byte \$0B
\$53AE 0A ASL A
\$53AF .byte \$0B,\$00,\$14
\$53B2 0A ASL A
\$53B3 .byte \$0B
\$53B4 0A ASL A
\$53B5 .byte \$0B
\$53B6 6E 6F 0A ROR \$0A6F
\$53B9 .byte \$0B,\$14,\$14

\$53BC 0A ASL A
\$53BD .byte \$0B
\$53BE 66 66 ROR \$66
\$53C0 66 5B ROR \$5B
\$53C2 66 66 ROR \$66
\$53C4 .byte \$54
\$53C5 56 66 LSR \$66,X
\$53C7 .byte \$43
\$53C8 6E 6F 6F ROR \$6F6F
\$53CB 6A ROR A
\$53CC .byte \$14,\$14,\$14,\$14,\$3C,\$14,\$14
\$53D3 8E 92 92 STX \$9292
\$53D6 .byte \$92,\$92,\$92,\$92,\$92,\$92,\$92,\$92
\$53DE .byte \$93,\$14,\$14,\$14,\$3C,\$14,\$14,\$14
\$53E6 .byte \$00,\$F7,\$F8,\$14,\$14,\$14,\$3C,\$14
\$53EE .byte \$14,\$14,\$00,\$F7,\$F8,\$14,\$14,\$14
\$53F6 .byte \$3C,\$14,\$14,\$14,\$14,\$14
\$53FC 66 66 ROR \$66
\$53FE 59 64 54 EOR \$5464,Y
\$5401 55 14 EOR \$14,X
\$5403 .byte \$14,\$14
\$5405 0E 14 0E ASL \$0E14
\$5408 .byte \$14,\$00,\$14,\$14,\$14
\$540D 3D 14 0E AND \$0E14,X
\$5410 .byte \$0C
\$5411 0D 6C 6D ORA \$6D6C
\$5414 .byte \$14
\$5415 3D 14 0E AND \$0E14,X
\$5418 .byte \$0C

```
$5419 0D 0E 0E ORA $0E0E
$541C      .byte $14,$14,$64
$541F 65 54  ADC $54
$5421      .byte $64
$5422 40    RTI
//-----
$5423 41 64  EOR ($64,X)
$5425 65 40  ADC $40
$5427 41 A8  EOR ($A8,X)
$5429 A9 54  LDA #$54
$542B AD A8 A9 LDA $A9A8
$542E      .byte $64
$542F 65 54  ADC $54
$5431 55 14  EOR $14,X
$5433      .byte $14,$14,$97,$14,$14,$14,$14,$14
$543B      .byte $14,$14,$14
$543E 0E 45 46 ASL $4645
$5441 6A    ROR A
$5442      .byte $14
$5443 6A    ROR A
$5444      .byte $14
$5445 0A    ASL A
$5446      .byte $0B,$14,$14
$5449 0E 14 14 ASL $1414
$544C      .byte $14
$544D 0E 14 0E ASL $0E14
$5450      .byte $14,$14,$14,$14
$5454 0E 0E 14 ASL $140E
$5457      .byte $14,$14,$14,$14,$14,$0C
```

\$545D 0D 0C 0D ORA \$0D0C
\$5460 .byte \$54
\$5461 55 C9 EOR \$C9,X
\$5463 CA DEX
\$5464 C9 CA CMP #\$CA
\$5466 8C 8D C9 STY \$C98D
\$5469 E6 14 INC \$14
\$546B .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5473 .byte \$14,\$14,\$14,\$14,\$14,\$3C,\$14,\$14
\$547B .byte \$14,\$14,\$14
\$547E 58 CLI
\$547F .byte \$54
\$5480 66 54 ROR \$54
\$5482 .byte \$64
\$5483 65 14 ADC \$14
\$5485 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$548D .byte \$14
\$548E 45 46 EOR \$46
\$5490 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5498 .byte \$14,\$14,\$14,\$3C,\$14,\$14,\$14,\$14
\$54A0 .byte \$14
\$54A1 0E 14 14 ASL \$1414
\$54A4 .byte \$14
\$54A5 0E 14 0E ASL \$0E14
\$54A8 .byte \$14
\$54A9 0E 97 14 ASL \$1497
\$54AC .byte \$14
\$54AD 0E 14 0E ASL \$0E14
\$54B0 .byte \$14,\$14,\$14


```
$54B3 0E 14 0E ASL $0E14
$54B6      .byte $0C
$54B7 0D 14 0E ORA $0E14
$54BA      .byte $14,$14,$14
$54BD 0E 68 69 ASL $6968
$54C0 6C 6D 58 JMP ($586D)
$54C3 59 56 A9 EOR $A956,Y
$54C6 6E 6F 0C ROR $0C6F
$54C9 0D 14 14 ORA $1414
$54CC      .byte $14,$14,$14,$14
$54D0 3D 14 14 AND $1414,X
$54D3      .byte $0B
$54D4 68    PLA
$54D5 68    PLA
$54D6 68    PLA
$54D7 68    PLA
$54D8 68    PLA
$54D9 68    PLA
$54DA 68    PLA
$54DB      .byte $0B
$54DC 68    PLA
$54DD      .byte $0B
$54DE 68    PLA
$54DF      .byte $14,$14,$14,$97,$14,$14,$14,$14
$54E7 3D 14 14 AND $1414,X
$54EA      .byte $14,$14,$97,$14,$14,$14,$14,$97
$54F2      .byte $14,$14,$14,$14
$54F6 3D 14 14 AND $1414,X
$54F9      .byte $14,$14,$14
```

```
$54FC 66 AF ROR $AF
$54FE 59 AF 56 EOR $56AF,Y
$5501 .byte $43,$14,$14,$14,$14,$14,$14,$14
$5509 .byte $14,$14,$14,$14,$3C,$14,$14
$5510 0E 0F 6E ASL $6E0F
$5513 .byte $6F,$14,$3C,$14,$14,$00,$0F,$14
$551B .byte $14,$14,$14
$551E 66 43 ROR $43
$5520 .byte $54
$5521 41 41 EOR ($41,X)
$5523 .byte $43
$5524 66 67 ROR $67
$5526 .byte $42,$43
$5528 AA TAX
$5529 66 AE ROR $AE
$552B .byte $AF
$552C AA TAX
$552D 66 66 ROR $66
$552F .byte $67
$5530 56 57 LSR $57,X
$5532 .byte $14,$14,$14
$5535 3D 14 14 AND $1414,X
$5538 .byte $14,$14,$14,$14,$14,$14,$14
$553F 45 46 EOR $46
$5541 .byte $14,$14,$14,$14,$14
$5546 0E 14 14 ASL $1414
$5549 .byte $14,$14,$14,$14,$14,$14,$14,$14
//-----
L_JSR_($5551)_($9B9D) JAM
```

L_JSR_(\$5554)_(\$9AF4) JAM

//-----

\$5551 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

\$5559 .byte \$14,\$14,\$14

\$555C 0E 0F 14 ASL \$140F

\$555F .byte \$0F

\$5560 56 55 LSR \$55,X

\$5562 3E 3E 3E ROL \$3E3E,X

\$5565 .byte \$92

\$5566 3E 3F 92 ROL \$923F,X

\$5569 .byte \$93,\$14,\$14,\$14,\$14,\$14,\$14,\$14

\$5571 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$97

\$5579 .byte \$14,\$14,\$14,\$14,\$14,\$5A,\$5B

\$5580 59 66 54 EOR \$5466,Y

\$5583 .byte \$67,\$14,\$14,\$14,\$14,\$14,\$14,\$14

\$558B .byte \$14,\$14,\$14

\$558E 45 46 EOR \$46

\$5590 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

\$5598 .byte \$14,\$14,\$14,\$97,\$14,\$14,\$14,\$14

\$55A0 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

\$55A8 .byte \$14,\$14

\$55AA 3D 14 14 AND \$1414,X

\$55AD .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

\$55B5 .byte \$14

\$55B6 0E 0F 14 ASL \$140F

\$55B9 .byte \$14,\$14,\$14,\$14,\$14

\$55BE 6A ROR A

\$55BF .byte \$6B

\$55C0 6E 6F 5A ROR \$5A6F

```
$55C3    .byte $5B,$54
$55C5 56 0C    LSR $0C,X
$55C7 0D 0E 0F    ORA $0F0E
$55CA    .byte $14,$14,$14,$14,$14,$14,$3C,$14
$55D2    .byte $14
$55D3 0E 6A 0B    ASL $0B6A
$55D6 68    PLA
$55D7    .byte $0B
$55D8 6A    ROR A
$55D9    .byte $0B
$55DA 6A    ROR A
$55DB 0E 6A 0E    ASL $0E6A
$55DE 6A    ROR A
$55DF    .byte $14,$14,$14,$97,$14,$14,$14,$14
$55E7    .byte $97,$14,$14,$14,$14,$97,$14,$14
$55EF    .byte $14,$14
$55F1 3D 14 14    AND $1414,X
$55F4    .byte $14,$14,$3C,$14,$14,$14,$14,$14
$55FC 66 AF    ROR $AF
$55FE 59 64 54    EOR $5464,Y
$5601 55 14    EOR $14,X
$5603    .byte $14,$14,$14,$14,$14,$14,$14,$14
$560B    .byte $14,$14,$97,$14,$14,$14,$14,$0C
$5613 0D 14 3D    ORA $3D14
$5616    .byte $14,$14,$14,$14,$14,$14,$14,$14
$561E 58    CLI
$561F 59 54 41    EOR $4154,Y
$5622 40    RTI
//-----
```

```

$5623 41 64  EOR ($64,X)
$5625 65 54  ADC $54
$5627 AD 64 65  LDA $6564
$562A 40    RTI
//-----
$562B 41 40  EOR ($40,X)
$562D 41 64  EOR ($64,X)
$562F 65 6C  ADC $6C
$5631 6D 14 14  ADC $1414
$5634      .byte $14,$3C,$14,$14,$14,$14,$14,$14
$563C      .byte $14,$14,$14
$563F 45 46  EOR $46
$5641      .byte $14,$14,$14,$14,$14,$14,$14,$14
//-----
L_JMP_($5649)_($9BDA) JAM
//-----
$5649      .byte $14,$14,$14,$14,$14,$14,$14,$14
$5651      .byte $14,$14,$14,$14,$14,$14,$14,$14
$5659      .byte $14,$14,$14,$14,$14
$565E 11 11  ORA ($11),Y
$5660      .byte $54
$5661 55 14  EOR $14,X
$5663 0E 14 0E  ASL $0E14
$5666      .byte $14,$14,$14,$14,$14,$14,$14,$14
$566E      .byte $14,$14,$14,$14,$14,$14,$14,$14
$5676      .byte $14,$14
$5678 3D 14 14  AND $1414,X
$567B      .byte $14,$14,$14
$567E 58    CLI

```

\$567F .byte \$54
\$5680 66 54 ROR \$54
\$5682 .byte \$64
\$5683 65 14 ADC \$14
\$5685 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$568D .byte \$14
\$568E 45 46 EOR \$46
\$5690 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5698 .byte \$14,\$14,\$14
\$569B 3D 14 14 AND \$1414,X
\$569E .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$56A6 .byte \$14,\$14,\$14,\$14,\$97,\$14,\$14,\$14
\$56AE .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$56B6 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$56BE .byte \$14,\$14
\$56C0 0E 0F 58 ASL \$580F
\$56C3 59 54 A9 EOR \$A954,Y
\$56C6 E9 E9 SBC #\$E9
\$56C8 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$56D0 .byte \$97,\$14,\$14,\$14,\$14
\$56D5 0E 6A 0E ASL \$0E6A
\$56D8 45 46 EOR \$46
\$56DA .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$56E2 .byte \$97,\$14,\$14,\$14,\$14,\$3C,\$14,\$14
\$56EA .byte \$14,\$14
\$56EC 3D 14 14 AND \$1414,X
\$56EF .byte \$14,\$14,\$3C,\$14,\$14,\$14,\$14,\$97
\$56F7 .byte \$14,\$14,\$14,\$14,\$14
\$56FC 66 AF ROR \$AF

\$56FE 59 AF 56 EOR \$56AF,Y
\$5701 .byte \$43,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5709 .byte \$14,\$14,\$14,\$14,\$3C,\$14,\$14,\$14
\$5711 .byte \$14
\$5712 0E 0F 14 ASL \$140F
\$5715 .byte \$3C,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$571D .byte \$14,\$5A
\$571F 56 43 LSR \$43,X
\$5721 .byte \$64
\$5722 41 43 EOR (\$43,X)
\$5724 66 67 ROR \$67
\$5726 AE AF 66 LDX \$66AF
\$5729 6C 42 43 JMP (\$4342)
\$572C .byte \$42,\$43
\$572E 66 67 ROR \$67
\$5730 6E 6F 14 ROR \$146F
\$5733 .byte \$14,\$14,\$97,\$14,\$14,\$14,\$14,\$14
\$573B .byte \$14,\$14,\$14,\$14
\$573F 45 46 EOR \$46
\$5741 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5749 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5751 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5759 C0 C1 CPY #\$C1
\$575B .byte \$14,\$14,\$14,\$12,\$AF
\$5760 56 54 LSR \$54,X
\$5762 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$576A .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5772 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$3C,\$14
\$577A .byte \$14,\$14,\$14,\$14,\$5A,\$5B,\$54,\$54

\$5782 66 66 ROR \$66
\$5784 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$578C .byte \$14,\$14
\$578E 45 46 EOR \$46
\$5790 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5798 .byte \$14,\$14,\$14,\$97,\$14,\$14,\$14,\$14
\$57A0 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$57A8 .byte \$14,\$14
\$57AA 3D 14 14 AND \$1414,X
\$57AD .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$57B5 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$57BD .byte \$14,\$14,\$14,\$14,\$14,\$5A,\$5B
\$57C4 56 A9 LSR \$A9,X
\$57C6 11 11 ORA (\$11),Y
\$57C8 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$57D0 3D 14 14 AND \$1414,X
\$57D3 .byte \$14,\$14,\$14,\$14,\$14
\$57D8 45 46 EOR \$46
\$57DA .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$57E2 3D 14 14 AND \$1414,X
\$57E5 .byte \$14,\$14,\$97,\$14,\$14,\$14,\$14,\$3C
\$57ED .byte \$14,\$14,\$14,\$14,\$97,\$14,\$14,\$14
\$57F5 .byte \$14,\$97,\$14,\$14,\$14,\$14,\$14
\$57FC 66 43 ROR \$43
\$57FE 59 64 54 EOR \$5464,Y
\$5801 55 14 EOR \$14,X
\$5803 .byte \$14
\$5804 FD 14 14 SBC \$1414,X
\$5807 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$97,\$14


```

$580F      .byte $14,$14,$14,$14,$14,$14,$97,$14
$5817      .byte $14,$14,$14,$14,$14,$14,$14
$581E 58    CLI
$581F      .byte $43,$54
$5821 59 54 55 EOR $5554,Y
$5824 6C 6D 48 JMP ($486D)
$5827 94 08   STY $08,X
$5829 6E 48 49 ROR $4948
$582C 68     PLA
$582D 69 08   ADC #$08
$582F 09 0C   ORA #$0C
$5831 0D 14 14 ORA $1414
$5834      .byte $14
$5835 3D 14 14 AND $1414,X
$5838      .byte $14,$14,$14,$14,$14,$14,$14
$583F 45 46   EOR $46
//-----
L_JMP_($5845)_($9AA6) JAM
//-----
$5841      .byte $14,$14,$14,$14,$14,$14,$14,$14
$5849      .byte $14,$14,$14,$14,$14,$14,$14,$14
$5851      .byte $14,$14,$14,$14,$14,$14,$14,$14
$5859      .byte $C2,$C3,$14,$14,$14
$585E 66 66   ROR $66
$5860 66 65   ROR $65
$5862      .byte $14,$14,$14,$14,$14,$14,$14,$14
$586A      .byte $14,$14,$14,$14
$586E E5 C9   SBC $C9
$5870 CA     DEX

```

\$5871 CA DEX
\$5872 C9 E6 CMP #E6
\$5874 .byte \$14,\$14,\$14,\$14,\$97,\$14,\$14,\$14
\$587C .byte \$14,\$14
\$587E 58 CLI
\$587F 59 66 54 EOR \$5466,Y
\$5882 .byte \$54
\$5883 65 14 ADC \$14
\$5885 .byte \$14,\$14,\$14
\$5888 C4 C5 CPY \$C5
\$588A .byte \$14,\$14,\$14,\$14
\$588E 45 46 EOR \$46
\$5890 .byte \$14,\$14,\$14
\$5893 24 25 BIT \$25
\$5895 24 25 BIT \$25
\$5897 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$589F .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$58A7 .byte \$14,\$14,\$14,\$3C,\$14,\$14,\$14,\$14
\$58AF .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$58B7 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$58BF .byte \$14,\$14,\$14
\$58C2 66 59 ROR \$59
\$58C4 .byte \$54
\$58C5 56 12 LSR \$12,X
\$58C7 .byte \$AF,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$58CF .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$58D7 .byte \$14
\$58D8 45 46 EOR \$46
\$58DA .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

\$58E2 .byte \$3C,\$14,\$14,\$14,\$14
\$58E7 3D 14 14 AND \$1414,X
\$58EA .byte \$14,\$14,\$97,\$14,\$14,\$14,\$14
\$58F1 3D 14 14 AND \$1414,X
\$58F4 .byte \$14,\$14
\$58F6 3D 14 14 AND \$1414,X
\$58F9 .byte \$14,\$14,\$14
\$58FC 6E 6F 59 ROR \$596F
\$58FF 65 56 ADC \$56
\$5901 .byte \$43,\$14,\$14
\$5904 FE 14 14 INC \$1414,X
\$5907 .byte \$14,\$14,\$14,\$14,\$14,\$14
\$590D 3D 14 14 AND \$1414,X
\$5910 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$97,\$14,\$14
\$5918 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$5A
\$591F 56 54 LSR \$54,X
\$5921 A9 56 LDA #\$56
\$5923 .byte \$54
\$5924 6E 6F 14 ROR \$146F
\$5927 .byte \$97
\$5928 0A ASL A
\$5929 .byte \$0C,\$14,\$14
\$592C 6A ROR A
\$592D .byte \$14
\$592E 0A ASL A
\$592F .byte \$0B
\$5930 0E 0F 14 ASL \$140F
\$5933 .byte \$14,\$14,\$3C,\$14,\$14,\$14,\$14,\$14
\$593B .byte \$14,\$14,\$14,\$14

```
$593F 45 46  EOR $46
//-----
L_JSR_($5942)_($9B03) JAM
//-----
$5941      .byte $14,$14,$14,$14,$14,$14,$14,$14
$5949      .byte $14,$14
$594B 24 25  BIT $25
$594D 24 25  BIT $25
$594F      .byte $14,$14,$14,$14,$14
$5954 E5 C9  SBC $C9
$5956 C9 CA  CMP #$CA
$5958 C9 CA  CMP #$CA
$595A C9 CA  CMP #$CA
$595C C9 CA  CMP #$CA
$595E      .byte $5A,$5B
$5960 66 66  ROR $66
$5962      .byte $14,$14,$14,$14,$14,$14,$14,$14
$596A      .byte $14,$14,$14,$14
$596E 8E 92 3E STX $3E92
$5971      .byte $3F,$92,$93,$14,$14,$14,$14
$5978 3D 14 14 AND $1414,X
$597B      .byte $14,$14,$14,$5A,$5B,$54,$54
$5982 66 67  ROR $67
$5984      .byte $14,$14,$14,$14
$5988 C6 C7  DEC $C7
$598A      .byte $14,$14,$14,$14
$598E 45 46  EOR $46
$5990      .byte $14,$14,$14
$5993 18    CLC
```

```

$5994 10 18  BPL L_BRS_($59AE)_($5994) JAM
$5996 10 14  BPL L_BRS_($59AC)_($5996) JAM
$5998      .byte $14,$14,$14,$14,$14,$14,$14,$14
$59A0      .byte $14,$14,$14,$14,$14,$14,$14,$14
//-----
L_BRS_($59AC)_($5996) JAM
L_BRS_($59AE)_($5994) JAM
//-----
$59A8      .byte $14,$14,$97,$14,$14,$14,$14,$14
$59B0      .byte $14,$14,$14,$14,$14,$14,$14,$14
$59B8      .byte $14,$14,$14,$14,$14,$14,$14,$14
$59C0      .byte $14,$14
$59C2 66 66  ROR $66
$59C4 56 56  LSR $56,X
$59C6 66 66  ROR $66
$59C8      .byte $14,$14,$14,$14,$14,$14,$14,$14
$59D0      .byte $14,$14,$14,$14,$14,$14,$14,$14
$59D8 45 46  EOR $46
$59DA      .byte $14,$14,$14,$14,$14,$14,$14,$14
$59E2      .byte $3C,$14,$14,$14,$14,$3C,$14,$14
$59EA      .byte $14,$14
$59EC 3D 14 14 AND $1414,X
$59EF      .byte $14,$14,$97,$14,$14,$14,$14,$3C
$59F7      .byte $14,$14,$14,$14,$14,$0C
$59FD 0D AF AF ORA $AF AF
$5A00 66 66  ROR $66
$5A02 C9 CA  CMP #$CA
$5A04 C9 CA  CMP #$CA
$5A06 C9 CA  CMP #$CA

```

\$5A08 C9 E6 CMP #E6
\$5A0A .byte \$14,\$14,\$14,\$3C,\$14,\$14,\$14,\$14
\$5A12 .byte \$14,\$14,\$14
\$5A15 3D 14 14 AND \$1414,X
\$5A18 .byte \$14,\$14,\$14,\$14,\$14,\$14
\$5A1E 58 CLI
\$5A1F .byte \$43
\$5A20 59 64 64 EOR \$6464,Y
\$5A23 65 0C ADC \$0C
\$5A25 0D 14 3D ORA \$3D14
\$5A28 .byte \$14
\$5A29 0E 14 14 ASL \$1414
\$5A2C .byte \$14,\$14,\$14
\$5A2F 0E 14 14 ASL \$1414
\$5A32 .byte \$14,\$14,\$14
\$5A35 3D 14 14 AND \$1414,X
\$5A38 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5A3F 45 46 EOR \$46
\$5A41 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5A49 .byte \$14,\$14
\$5A4B 18 CLC
\$5A4C 10 18 BPL L_BRS_(\$5A66)_(\$5A4C) JAM
\$5A4E 10 14 BPL L_BRS_(\$5A64)_(\$5A4E) JAM
\$5A50 .byte \$14,\$14,\$14,\$14
\$5A54 8E 92 3E STX \$3E92
\$5A57 .byte \$3F
\$5A58 3E 3F 3E ROL \$3E3F,X
\$5A5B .byte \$3F,\$3F,\$3F,\$A3
\$5A5F 59 54 55 EOR \$5554,Y

```

//-----
L_BRS_($5A64)_($5A4E) JAM
L_BRS_($5A66)_($5A4C) JAM
//-----
$5A62      .byte $14,$14,$14,$14,$14,$14,$14,$14
$5A6A      .byte $14,$14,$14,$14,$14,$14
$5A70 45 46  EOR $46
$5A72      .byte $14,$14,$14,$14,$14,$14,$3C,$14
$5A7A      .byte $14,$14,$14,$14
$5A7E 58    CLI
$5A7F      .byte $54
$5A80 66 54  ROR $54
$5A82      .byte $54
$5A83 55 C9  EOR $C9,X
$5A85 C9 C9  CMP #$C9
$5A87 C9 C9  CMP #$C9
$5A89 C9 C9  CMP #$C9
$5A8B C9 C9  CMP #$C9
$5A8D C9 8C  CMP #$8C
$5A8F 8D C9 C9 STA $C9C9
$5A92 C9 02  CMP #$02
$5A94      .byte $03,$02,$03
$5A97 C9 C9  CMP #$C9
$5A99 C9 C9  CMP #$C9
$5A9B C9 C9  CMP #$C9
$5A9D C9 C9  CMP #$C9
$5A9F C9 C9  CMP #$C9
$5AA1 C9 C9  CMP #$C9
$5AA3 C9 C9  CMP #$C9

```

\$5AA5 E6 14 INC \$14
\$5AA7 .byte \$14,\$14,\$14
\$5AAA 3D 14 14 AND \$1414,X
\$5AAD .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5AB5 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5ABD .byte \$14,\$14,\$14,\$14,\$14
\$5AC2 58 CLI
\$5AC3 59 54 A9 EOR \$A954,Y
\$5AC6 66 65 ROR \$65
\$5AC8 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5AD0 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5AD8 45 46 EOR \$46
\$5ADA .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5AE2 .byte \$97,\$14,\$14,\$14,\$14,\$97,\$14,\$14
\$5AEA .byte \$14,\$14,\$97,\$14,\$14,\$14,\$14
\$5AF1 3D 14 14 AND \$1414,X
\$5AF4 .byte \$14,\$14,\$97,\$14,\$14,\$14,\$14,\$14
\$5AFC .byte \$14,\$0F,\$AF,\$AF
\$5B00 66 65 ROR \$65
\$5B02 3E 3F 3E ROL \$3E3F,X
\$5B05 .byte \$3F
\$5B06 3E 3F 92 ROL \$923F,X
\$5B09 .byte \$93,\$14,\$14,\$14,\$97,\$14,\$14,\$14
\$5B11 .byte \$14,\$14,\$14,\$14,\$3C,\$14,\$14,\$14
\$5B19 .byte \$14,\$14,\$14,\$14,\$14,\$5A,\$5B
\$5B20 56 54 LSR \$54,X
\$5B22 66 67 ROR \$67
\$5B24 0E 0F 14 ASL \$140F
\$5B27 .byte \$3C,\$14,\$14,\$14,\$14,\$14,\$14,\$14


```
$5B2F    .byte $14,$14,$14,$14,$14,$14,$3C,$14
$5B37    .byte $14,$14,$14
$5B3A E5 C9    SBC $C9
$5B3C CA     DEX
$5B3D C9 CA    CMP # $CA
$5B3F 8C 8D C9 STY $C98D
$5B42 CA     DEX
$5B43 C9 CA    CMP # $CA
$5B45 C9 CA    CMP # $CA
$5B47 C9 CA    CMP # $CA
$5B49 C9 CA    CMP # $CA
$5B4B    .byte $02,$03,$02,$03
$5B4F C9 CA    CMP # $CA
$5B51 C9 C9    CMP # $C9
$5B53 CA     DEX
$5B54 66 41    ROR $41
$5B56 56 56    LSR $56,X
$5B58 56 43    LSR $43,X
$5B5A    .byte $43,$54,$54,$54
$5B5E 40     RTI
//-----
$5B5F    .byte $5B
$5B60 56 54    LSR $54,X
$5B62    .byte $14,$14,$14,$14,$14,$14,$14,$14
$5B6A    .byte $14,$14,$14,$14,$14,$14
$5B70 45 46    EOR $46
$5B72    .byte $14,$14,$14,$14,$14,$14,$97,$14
$5B7A    .byte $14,$14,$14,$14,$5A,$5B,$54,$54
$5B82 66 3E    ROR $3E
```

\$5B84 3E 3F 3E ROL \$3E3F,X
\$5B87 .byte \$3F
\$5B88 3E 3F 3E ROL \$3E3F,X
\$5B8B .byte \$3F
\$5B8C 3E 3F 3E ROL \$3E3F,X
\$5B8F .byte \$3F
\$5B90 3E 3F 3E ROL \$3E3F,X
\$5B93 .byte \$3F
\$5B94 3E 3F 3E ROL \$3E3F,X
\$5B97 .byte \$3F
\$5B98 3E 3F 3E ROL \$3E3F,X
\$5B9B .byte \$3F
\$5B9C 3E 3F 3E ROL \$3E3F,X
\$5B9F .byte \$3F
\$5BA0 3E 3F 3E ROL \$3E3F,X
\$5BA3 .byte \$3F,\$92,\$93,\$14,\$14,\$14,\$14,\$3C
\$5BAB .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5BB3 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5BBB .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$5A
\$5BC3 .byte \$5B
\$5BC4 56 A9 LSR \$A9,X
\$5BC6 66 66 ROR \$66
\$5BC8 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5BD0 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5BD8 45 46 EOR \$46
\$5BDA .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5BE2 .byte \$97,\$14,\$14,\$14,\$14,\$97,\$14,\$14
\$5BEA .byte \$14,\$14,\$97,\$14,\$14,\$14,\$14
\$5BF1 3D 14 14 AND \$1414,X

```
$5BF4      .byte $14,$14
$5BF6 3D 14 14 AND $1414,X
$5BF9      .byte $14,$14,$14
$5BFC 11 11  ORA ($11),Y
$5BFE      .byte $AF
$5BFF 65 08  ADC $08
$5C01 66 68  ROR $68
$5C03 69 09  ADC #09
$5C05 08    PHP
$5C06 09 68  ORA #068
$5C08 09 68  ORA #068
$5C0A      .byte $14,$14,$14
$5C0D 3D 14 14 AND $1414,X
$5C10      .byte $14,$14,$14,$14,$14,$97,$14,$14
$5C18      .byte $14,$14,$14,$14,$14,$14
$5C1E 58    CLI
$5C1F 59 54 56 EOR $5654,Y
$5C22      .byte $64
$5C23 65 14  ADC $14
$5C25      .byte $14,$14,$97,$14,$14,$14,$14,$14
$5C2D      .byte $14,$14,$14,$14,$14,$14,$14,$14
$5C35      .byte $14,$14,$14,$14,$14
$5C3A 8E 92 92 STX $9292
$5C3D 3E 92 92 ROL $9292,X
$5C40      .byte $92,$92,$92
$5C43 3E 3F 3E ROL $3E3F,X
$5C46      .byte $3F
$5C47 3E 3F 3E ROL $3E3F,X
$5C4A 3E 3F 3E ROL $3E3F,X
```

\$5C4D 3E 3F 3E ROL \$3E3F,X
\$5C50 .byte \$3F
\$5C51 3E 3F 92 ROL \$923F,X
\$5C54 .byte \$5B
\$5C55 41 54 EOR (\$54,X)
\$5C57 41 54 EOR (\$54,X)
\$5C59 .byte \$5B
\$5C5A 56 56 LSR \$56,X
\$5C5C 56 56 LSR \$56,X
\$5C5E .byte \$43,\$43,\$54,\$54,\$14,\$14,\$14,\$14
\$5C66 E5 C9 SBC \$C9
\$5C68 C9 CA CMP #\$CA
\$5C6A C9 E6 CMP #\$E6
\$5C6C .byte \$14,\$14,\$14,\$14
\$5C70 45 46 EOR \$46
\$5C72 .byte \$14,\$14,\$14,\$14,\$14,\$14
\$5C78 3D 14 14 AND \$1414,X
\$5C7B .byte \$14,\$14,\$14
\$5C7E 58 CLI
\$5C7F 59 54 54 EOR \$5454,Y
\$5C82 .byte \$54,\$54,\$54,\$54
\$5C86 59 54 54 EOR \$5454,Y
\$5C89 .byte \$54,\$54,\$54,\$54,\$54,\$54,\$54,\$54
\$5C91 .byte \$54,\$54,\$54,\$54
\$5C95 59 59 54 EOR \$5459,Y
\$5C98 .byte \$54
\$5C99 59 59 54 EOR \$5459,Y
\$5C9C .byte \$54
\$5C9D 59 59 54 EOR \$5459,Y

\$5CA0 59 59 54 EOR \$5459,Y
\$5CA3 .byte \$54
\$5CA4 59 55 14 EOR \$1455,Y
\$5CA7 .byte \$14,\$14,\$14,\$97,\$14,\$14,\$14,\$14
\$5CAF .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5CB7 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5CBF .byte \$14,\$14,\$14
\$5CC2 58 CLI
\$5CC3 59 54 A9 EOR \$A954,Y
\$5CC6 .byte \$54
\$5CC7 65 14 ADC \$14
\$5CC9 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5CD1 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5CD8 45 46 EOR \$46
\$5CDA .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5CE2 3D 14 14 AND \$1414,X
\$5CE5 .byte \$14,\$14
\$5CE7 3D 14 14 AND \$1414,X
\$5CEA .byte \$14,\$14,\$97,\$14,\$14,\$14,\$14,\$97
\$5CF2 .byte \$14,\$14,\$14,\$14,\$3C,\$14,\$14,\$14
\$5CFA .byte \$14,\$14,\$12,\$AF,\$AF,\$64
\$5D00 0A ASL A
\$5D01 .byte \$0B
\$5D02 6A ROR A
\$5D03 .byte \$6B,\$0B
\$5D05 0A ASL A
\$5D06 .byte \$0B
\$5D07 6A ROR A
\$5D08 .byte \$0B

\$5D09 6A ROR A
\$5D0A .byte \$14,\$14,\$14,\$3C,\$14,\$14,\$14,\$14
\$5D12 .byte \$14,\$14,\$14
\$5D15 3D 14 14 AND \$1414,X
\$5D18 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$5A,\$5B
\$5D20 .byte \$54,\$54
\$5D22 A9 65 LDA #\$65
\$5D24 .byte \$14,\$14,\$14
\$5D27 3D 14 14 AND \$1414,X
\$5D2A .byte \$14,\$14,\$14,\$14,\$14
\$5D2F C4 C5 CPY \$C5
\$5D31 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5D39 .byte \$14
\$5D3A 68 PLA
\$5D3B .byte \$5A,\$64,\$64
\$5D3E 58 CLI
\$5D3F .byte \$64,\$64
\$5D41 58 CLI
\$5D42 09 64 ORA #\$64
\$5D44 .byte \$42,\$43,\$5B,\$43,\$43,\$43
\$5D4A 56 56 LSR \$56,X
\$5D4C .byte \$43,\$43,\$43,\$43
\$5D50 56 56 LSR \$56,X
\$5D52 .byte \$43,\$43,\$43
\$5D55 56 56 LSR \$56,X
\$5D57 56 56 LSR \$56,X
\$5D59 .byte \$43,\$43,\$43
\$5D5C 56 56 LSR \$56,X
\$5D5E 56 56 LSR \$56,X

\$5D60 56 54 LSR \$54,X
\$5D62 .byte \$14,\$14,\$14,\$14
\$5D66 8E 92 3E STX \$3E92
\$5D69 .byte \$3F,\$92,\$93,\$14,\$14,\$14,\$14
\$5D70 45 46 EOR \$46
\$5D72 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$97,\$14
\$5D7A .byte \$14,\$14,\$14,\$14,\$5A,\$5B
\$5D80 08 PHP
\$5D81 09 08 ORA #08
\$5D83 09 68 ORA #68
\$5D85 69 08 ADC #08
\$5D87 09 08 ORA #08
\$5D89 6C 6D 6C JMP (\$6C6D)
\$5D8C 6D 68 69 ADC \$6968
\$5D8F 08 PHP
\$5D90 09 08 ORA #08
\$5D92 6C 6D 6C JMP (\$6C6D)
\$5D95 6D 68 69 ADC \$6968
\$5D98 08 PHP
\$5D99 6C 6D 68 JMP (\$686D)
\$5D9C 69 6E ADC #6E
\$5D9E 66 59 ROR \$59
\$5DA0 59 66 66 EOR \$6666,Y
\$5DA3 .byte \$5B
\$5DA4 66 66 ROR \$66
\$5DA6 C9 C9 CMP #C9
\$5DA8 E6 14 INC \$14
\$5DAA 3D 14 14 AND \$1414,X
\$5DAD .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

```

$5DB5    .byte $14,$14,$14,$14,$14,$14,$14,$14
$5DBD    .byte $14,$14,$14,$14,$14,$5A
$5DC3 59 56 56 EOR $5656,Y
$5DC6 66 67 ROR $67
$5DC8    .byte $14,$14,$14,$14,$14,$14,$14,$14
$5DD0    .byte $14,$14,$14,$14,$14,$14,$14,$14
$5DD8 45 46 EOR $46
$5DDA    .byte $14,$14,$14,$14,$14,$14,$14,$14
$5DE2    .byte $14,$14,$14,$14,$14,$14,$14,$14
$5DEA    .byte $14,$14,$14,$14,$14,$14,$14
$5DF1 3D 14 14 AND $1414,X
$5DF4    .byte $14,$14,$97,$14,$14,$14,$14,$14
$5DFC 66 66 ROR $66
$5DFE 59 65 11 EOR $1165,Y
$5E01 11 14 ORA ($14),Y
$5E03    .byte $14
$5E04 0E 14 0E ASL $0E14
//-----
L_JMP_($5E07)_($3FA0) JAM
//-----
$5E07    .byte $14
$5E08 0E 14 14 ASL $1414
$5E0B    .byte $14,$14
$5E0D 3D 14 14 AND $1414,X
$5E10    .byte $14,$14,$14,$14,$14,$3C,$14,$14
$5E18 E5 C9 SBC $C9
$5E1A CA DEX
$5E1B C9 CA CMP #$CA
$5E1D C9 58 CMP #$58

```


\$5E1F 59 59 56 EOR \$5659,Y

//-----

L_BRS_(\$5E27)_(\$5E74) JAM

//-----

\$5E22 .byte \$43,\$43,\$14,\$14,\$14,\$3C,\$14,\$14

\$5E2A .byte \$14,\$14,\$14,\$14,\$14

\$5E2F C6 C7 DEC \$C7

\$5E31 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

\$5E39 .byte \$14

\$5E3A 6A ROR A

\$5E3B .byte \$0B

\$5E3C 6C 6D 68 JMP (\$686D)

\$5E3F 69 08 ADC #\$08

\$5E41 09 6C ORA #\$6C

\$5E43 6D 08 09 ADC \$0908

\$5E46 48 PHA

\$5E47 49 43 EOR #\$43

\$5E49 69 43 ADC #\$43

\$5E4B 69 08 ADC #\$08

\$5E4D 09 08 ORA #\$08

\$5E4F .byte \$43,\$43

\$5E51 69 08 ADC #\$08

\$5E53 09 68 ORA #\$68

\$5E55 69 43 ADC #\$43

\$5E57 69 68 ADC #\$68

\$5E59 69 69 ADC #\$69

\$5E5B 69 68 ADC #\$68

\$5E5D 69 6C ADC #\$6C

\$5E5F 6D 40 54 ADC \$5440

```
$5E62      .byte $14,$14,$14,$14,$14,$14
$5E68 45 46  EOR $46
$5E6A      .byte $14,$14,$14,$14,$14,$14
$5E70 45 46  EOR $46
$5E72      .byte $14,$14
$5E74 B0 B1  BCS L_BRS_($5E27)_($5E74) JAM
$5E76      .byte $14,$14,$14,$14,$14,$14,$14,$14,$14
$5E7E 48    PHA
$5E7F 49 0A  EOR #$0A
$5E81      .byte $0B
$5E82 0A    ASL A
$5E83      .byte $0B
$5E84 6A    ROR A
$5E85      .byte $14
$5E86 0A    ASL A
$5E87      .byte $0B
$5E88 0A    ASL A
$5E89 6E 6F 6E ROR $6E6F
$5E8C      .byte $6F
$5E8D 6A    ROR A
$5E8E      .byte $6B
$5E8F 0A    ASL A
$5E90      .byte $0B
$5E91 0A    ASL A
$5E92 6E 6F 6E ROR $6E6F
$5E95      .byte $6F
$5E96 6A    ROR A
$5E97      .byte $6B
$5E98 0A    ASL A
```

```
$5E99 6E 6F 6A ROR $6A6F
$5E9C      .byte $6B,$0C
$5E9E 6E 45 09 ROR $0945
$5EA1 09 08  ORA #08
$5EA3 09 08  ORA #08
$5EA5 09 92  ORA #92
$5EA7      .byte $92,$93,$14,$3C,$14,$14,$14,$14
$5EAF      .byte $14,$14,$14,$14,$14,$14,$14,$14
$5EB7      .byte $14,$14,$14,$14,$14,$14,$14,$14
$5EBF      .byte $14,$14,$14
$5EC2 58    CLI
$5EC3      .byte $54,$54
$5EC5 56 54  LSR $54,X
$5EC7 55 14  EOR $14,X
$5EC9      .byte $14,$14,$14,$14,$14,$14,$14,$14
$5ED1      .byte $14,$14,$14,$14,$14,$14,$14,$14
$5ED8 45 46  EOR $46
$5EDA      .byte $14,$14,$14,$14,$14,$14,$14,$14
$5EE2      .byte $14,$14,$14,$14,$14,$14,$14,$14
$5EEA      .byte $14,$14,$14,$14,$14,$14,$14,$3C
$5EF2      .byte $14,$14,$14,$14,$97,$14,$14,$14
$5EFA      .byte $14,$14,$54
$5EFD 59 AF AF EOR $AF,AF,Y
$5F00      .byte $12,$AF,$14,$14,$14,$14,$14,$14
$5F08      .byte $14,$14,$14,$14,$14,$3C,$14,$14
$5F10      .byte $14,$14,$14,$14,$14
$5F15 3D 14 14 AND $1414,X
$5F18 8E 92 3E STX $3E92
$5F1B      .byte $3F
```

\$5F1C 3E 3F 66 ROL \$663F,X
\$5F1F 66 54 ROR \$54
\$5F21 59 68 68 EOR \$6868,Y
\$5F24 .byte \$14,\$14,\$14,\$97,\$14,\$14
\$5F2A E5 C9 SBC \$C9
\$5F2C C9 CA CMP #\$CA
\$5F2E C9 CA CMP #\$CA
\$5F30 C9 CA CMP #\$CA
\$5F32 C9 CA CMP #\$CA
\$5F34 C9 CA CMP #\$CA
\$5F36 C9 E6 CMP #\$E6
\$5F38 .byte \$14,\$14,\$14,\$14
\$5F3C 6E 6F 6A ROR \$6A6F
\$5F3F .byte \$14
\$5F40 0A ASL A
\$5F41 .byte \$0B
\$5F42 6E 6F 45 ROR \$456F
\$5F45 46 14 LSR \$14
\$5F47 .byte \$14
\$5F48 6A ROR A
\$5F49 .byte \$14
\$5F4A 6A ROR A
\$5F4B .byte \$6B
\$5F4C 0A ASL A
\$5F4D .byte \$0B
\$5F4E 0A ASL A
\$5F4F .byte \$0B
\$5F50 6A ROR A
\$5F51 .byte \$14

\$5F52 0A ASL A
\$5F53 .byte \$0B
\$5F54 6A ROR A
\$5F55 .byte \$14
\$5F56 6A ROR A
\$5F57 .byte \$14
\$5F58 6A ROR A
\$5F59 .byte \$6B,\$14,\$14
\$5F5C 6A ROR A
\$5F5D .byte \$14
\$5F5E 6E 6F 0B ROR \$0B6F
\$5F61 .byte \$43,\$14,\$14,\$14,\$14,\$14,\$14
\$5F68 45 46 EOR \$46
\$5F6A .byte \$14,\$14,\$14,\$14,\$14,\$14
\$5F70 45 46 EOR \$46
\$5F72 .byte \$14,\$14,\$B2,\$14,\$14,\$14,\$14,\$14
\$5F7A .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5F81 0E 14 0E ASL \$0E14
\$5F84 .byte \$14,\$14
\$5F86 45 46 EOR \$46
\$5F88 .byte \$14
\$5F89 0E 0D 0C ASL \$0C0D
\$5F8C 0D 14 14 ORA \$1414
\$5F8F .byte \$14
\$5F90 0E 14 0E ASL \$0E14
\$5F93 0D 0C 0D ORA \$0D0C
\$5F96 .byte \$14,\$14,\$14,\$0C
\$5F9A 0D 14 14 ORA \$1414
\$5F9D 0E 0C 45 ASL \$450C

\$5FA0 46 0E LSR \$0E
\$5FA2 .byte \$14
\$5FA3 0E 14 0E ASL \$0E14
\$5FA6 .byte \$0B,\$0B
\$5FA8 68 PLA
\$5FA9 .byte \$14,\$97,\$14,\$14,\$14,\$14,\$14,\$14
\$5FB1 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5FB9 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5FC1 .byte \$14
\$5FC2 66 43 ROR \$43
\$5FC4 56 56 LSR \$56,X
\$5FC6 56 54 LSR \$54,X
\$5FC8 .byte \$14,\$14
\$5FCA 11 14 ORA (\$14),Y
\$5FCC .byte \$14
\$5FCD 11 11 ORA (\$11),Y
\$5FCF .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5FD7 .byte \$14
\$5FD8 45 46 EOR \$46
\$5FDA .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5FE2 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$5FEA .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$97
\$5FF2 .byte \$14,\$14,\$14,\$14
\$5FF6 3D 14 14 AND \$1414,X
\$5FF9 .byte \$14,\$14,\$14
\$5FFC 66 AF ROR \$AF
\$5FFE .byte \$AF,\$AF,\$54
\$6001 59 14 14 EOR \$1414,Y
\$6004 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

\$600C .byte \$14,\$97,\$14,\$14,\$14,\$14,\$14,\$14
\$6014 .byte \$14,\$3C,\$14,\$14
\$6018 68 PLA
\$6019 69 09 ADC #09
\$601B 6C 6D 68 JMP (\$686D)
\$601E .byte \$64
\$601F 65 54 ADC \$54
\$6021 .byte \$54
\$6022 6A ROR A
\$6023 6A ROR A
\$6024 .byte \$14,\$14,\$14
\$6027 3D 14 14 AND \$1414,X
\$602A 8E 92 92 STX \$9292
\$602D .byte \$92,\$92,\$92,\$3F,\$92,\$92,\$3F,\$92
\$6035 .byte \$3F,\$92,\$93,\$14,\$14,\$14,\$14
\$603C 0E 0D 14 ASL \$140D
\$603F .byte \$14,\$14,\$14,\$0C
\$6043 0D 45 46 ORA \$4645
\$6046 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$604D 0E 14 0E ASL \$0E14
\$6050 .byte \$14,\$14,\$14
\$6053 0E 14 14 ASL \$1414
\$6056 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$605E .byte \$0C
\$605F 0D 14 0B ORA \$0B14
\$6062 .byte \$14,\$14,\$14,\$14,\$14,\$14
\$6068 45 46 EOR \$46
\$606A .byte \$14,\$14
\$606C E5 C9 SBC \$C9

\$606E C9 CA CMP # \$CA
\$6070 8C 8D C9 STY \$C98D
\$6073 CA DEX
\$6074 C9 C9 CMP # \$C9
\$6076 E6 14 INC \$14
\$6078 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6080 .byte \$14,\$14,\$14,\$14,\$14,\$14
\$6086 45 46 EOR \$46
\$6088 .byte \$14,\$14,\$0F
\$608B 0E 0F 14 ASL \$140F
\$608E .byte \$14,\$14,\$14,\$14,\$14,\$0F
\$6094 0E 0F 14 ASL \$140F
\$6097 .byte \$14,\$14
\$6099 0E 0F 14 ASL \$140F
\$609C .byte \$14,\$14
\$609E 0E 45 46 ASL \$4645
\$60A1 .byte \$14,\$14,\$14,\$14,\$14,\$14
\$60A7 0E 6A 14 ASL \$146A
\$60AA 3D 14 14 AND \$1414,X
\$60AD .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$60B5 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$60BD .byte \$14,\$14,\$14,\$14,\$14
\$60C2 6E 6F 56 ROR \$566F
\$60C5 A9 54 LDA # \$54
\$60C7 56 11 LSR \$11,X
\$60C9 11 AF ORA (\$AF),Y
\$60CB 11 11 ORA (\$11),Y
\$60CD .byte \$AF,\$AF,\$44,\$14,\$14
\$60D2 11 14 ORA (\$14),Y


```
$60D4    .byte $14
$60D5 11 11  ORA ($11),Y
$60D7    .byte $14
$60D8 45 46  EOR $46
$60DA    .byte $14,$14,$14,$14,$14,$14,$14,$14
$60E2    .byte $14,$14,$14,$14,$14,$14,$14,$14
$60EA    .byte $14,$14,$14,$14,$14,$14,$14
$60F1 3D 14 14  AND $1414,X
$60F4    .byte $14,$14,$14,$14,$14,$14,$14,$14
$60FC 58    CLI
$60FD    .byte $AF,$AF,$64
$6100 AE AF 14  LDX $14AF
$6103    .byte $14,$14,$14,$14,$14,$14,$14,$14
$610B    .byte $14,$14
$610D 3D 14 14  AND $1414,X
$6110    .byte $14,$14,$14,$14,$14,$14,$97,$14,$14
$6118 6A    ROR A
$6119    .byte $6B,$0B
$611B 6E 6F 6A  ROR $6A6F
$611E 66 66  ROR $66
$6120 59 59 11  EOR $1159,Y
$6123 11 14  ORA ($14),Y
$6125    .byte $14,$14,$3C,$14,$14
$612A 6E 69 6E  ROR $6E69
$612D 6E 6E 68  ROR $686E
$6130 69 6E  ADC #$6E
$6132 6E 68 6E  ROR $6E68
$6135 69 0B  ADC #$0B
$6137 6E 14 14  ROR $1414
```

\$613A .byte \$14,\$14,\$14,\$0F,\$14,\$14,\$14,\$14
\$6142 0E 14 45 ASL \$4514
\$6145 46 14 LSR \$14
\$6147 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$614F .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6157 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$615E 0E 0F 14 ASL \$140F
\$6161 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6168 45 46 EOR \$46
\$616A .byte \$14,\$14
\$616C 8E 92 3E STX \$3E92
\$616F .byte \$3F
\$6170 3E 3F 3E ROL \$3E3F,X
\$6173 .byte \$3F,\$92,\$92,\$93,\$14,\$14,\$14,\$14
\$617B .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6183 .byte \$14,\$14,\$14
\$6186 45 46 EOR \$46
\$6188 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6190 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6198 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$619F 45 46 EOR \$46
\$61A1 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$61A9 .byte \$14,\$97,\$14,\$14,\$14,\$14,\$14,\$14
\$61B1 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$61B9 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$61C1 .byte \$14,\$0C
\$61C3 0D AA 66 ORA \$66AA
\$61C6 66 54 ROR \$54
\$61C8 .byte \$54

\$61C9 59 59 54 EOR \$5459,Y
\$61CC .byte \$54
\$61CD 59 59 54 EOR \$5459,Y
\$61D0 11 11 ORA (\$11),Y
\$61D2 .byte \$AF
\$61D3 11 11 ORA (\$11),Y
\$61D5 .byte \$AF,\$AF,\$44
\$61D8 8C 8D 11 STY \$118D
\$61DB 11 14 ORA (\$14),Y
\$61DD .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$61E5 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$61ED .byte \$14,\$14,\$14,\$14,\$3C,\$14,\$14,\$14
\$61F5 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$5A
\$61FD .byte \$5B,\$AF
\$61FF 65 54 ADC \$54
\$6201 55 14 EOR \$14,X
\$6203 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$620B .byte \$14,\$14,\$97,\$14,\$14,\$14,\$14,\$14
\$6213 .byte \$14,\$14
\$6215 3D 14 14 AND \$1414,X
\$6218 .byte \$14,\$14,\$14,\$0C
\$621C 0D 14 58 ORA \$5814
\$621F 59 54 59 EOR \$5954,Y
\$6222 .byte \$12,\$AF,\$14,\$14,\$14,\$97,\$14,\$14
\$622A 0E 14 6A ASL \$6A14
\$622D 0E 14 6A ASL \$6A14
\$6230 .byte \$14
\$6231 0E 14 6A ASL \$6A14
\$6234 0E 14 14 ASL \$1414

\$6237 0E 14 14 ASL \$1414
\$623A .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6242 .byte \$14,\$14
\$6244 45 46 EOR \$46
\$6246 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$624E .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6256 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$625E .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6266 .byte \$14,\$14
\$6268 45 46 EOR \$46
\$626A .byte \$14,\$14,\$43
\$626D 69 43 ADC #\$43
\$626F 69 08 ADC #\$08
\$6271 09 68 ORA #\$68
\$6273 69 43 ADC #\$43
\$6275 69 68 ADC #\$68
\$6277 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$627F .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6286 45 46 EOR \$46
\$6288 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6290 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6298 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$629F 45 46 EOR \$46
\$62A1 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$62A9 .byte \$14,\$97,\$14,\$14,\$14,\$14,\$14,\$14
\$62B1 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$62B9 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$62C1 .byte \$14
\$62C2 11 11 ORA (\$11),Y

\$62C4 .byte \$54
\$62C5 AD 54 56 LDA \$5654
\$62C8 56 66 LSR \$66,X
\$62CA .byte \$67,\$54
\$62CC A9 54 LDA #\$54
\$62CE 65 A9 ADC \$A9
\$62D0 .byte \$54
\$62D1 59 59 54 EOR \$5459,Y
\$62D4 .byte \$54
\$62D5 59 59 54 EOR \$5459,Y
\$62D8 .byte \$54
\$62D9 59 59 AF EOR \$AF59,Y
\$62DC 11 11 ORA (\$11),Y
\$62DE 11 14 ORA (\$14),Y
\$62E0 .byte \$14
\$62E1 11 11 ORA (\$11),Y
\$62E3 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$62EB .byte \$14,\$14,\$14,\$14,\$14,\$14,\$97,\$14
\$62F3 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$62FB .byte \$14
\$62FC 66 65 ROR \$65
\$62FE 65 AF ADC \$AF
\$6300 56 43 LSR \$43,X
\$6302 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$630A .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6312 .byte \$14,\$14,\$14,\$3C,\$14,\$14,\$14,\$14
\$631A .byte \$14
\$631B 0E 0F 14 ASL \$140F
\$631E .byte \$5A

\$631F A9 AE LDA #\$AE
\$6321 AE 66 66 LDX \$6666
\$6324 .byte \$14,\$14,\$14
\$6327 3D 14 14 AND \$1414,X
\$632A .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6332 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$633A .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6342 .byte \$14,\$14
\$6344 45 46 EOR \$46
\$6346 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$634E .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6356 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$635E .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6366 .byte \$14,\$14
\$6368 45 46 EOR \$46
\$636A .byte \$14,\$14
\$636C 6A ROR A
\$636D .byte \$14
\$636E 6A ROR A
\$636F .byte \$14
\$6370 45 46 EOR \$46
\$6372 6A ROR A
\$6373 .byte \$14
\$6374 6A ROR A
\$6375 .byte \$14
\$6376 6A ROR A
\$6377 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$637F .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6386 45 46 EOR \$46

```
$6388 .byte $14,$14,$14,$14,$14,$14,$14,$14
$6390 .byte $14,$14,$14,$14,$14,$14,$14,$14
$6398 .byte $14,$14,$14,$14,$14,$14,$14
$639F 45 46 EOR $46
$63A1 .byte $14,$14,$14,$14,$14,$14,$14,$14
$63A9 .byte $14,$14,$14,$14,$14,$14,$14,$14
$63B1 .byte $14,$14,$14,$14,$14,$14,$14,$14
$63B9 .byte $14,$14,$14,$14,$14,$14,$14,$14
$63C1 .byte $14,$12,$AF
$63C4 AE AF 54 LDX $54AF
$63C7 .byte $54
$63C8 56 54 LSR $54,X
$63CA 55 56 EOR $56,X
$63CC 56 66 LSR $66,X
$63CE .byte $67
$63CF A9 54 LDA #$54
$63D1 .byte $54
$63D2 A9 54 LDA #$54
$63D4 65 56 ADC $56
$63D6 .byte $54,$54
$63D8 56 54 LSR $54,X
$63DA 55 56 EOR $56,X
$63DC 56 59 LSR $59,X
$63DE .byte $AF
$63DF 11 11 ORA ($11),Y
$63E1 .byte $AF,$AF,$44
$63E4 11 11 ORA ($11),Y
$63E6 11 11 ORA ($11),Y
$63E8 .byte $14,$14,$14,$14,$14,$14,$14,$14
```

```

$63F0      .byte $14
$63F1 3D 14 14 AND $1414,X
$63F4      .byte $14,$14,$14,$14,$14,$14,$14,$14
$63FC 66 66  ROR $66
$63FE      .byte $AF,$AF,$54
$6401 55 14  EOR $14,X
$6403      .byte $14,$14,$14,$14,$14,$14,$14,$14
$640B      .byte $14,$14,$14,$14,$14,$14,$14,$14
$6413      .byte $14,$14,$97,$14,$14,$14,$14,$14
$641B      .byte $14,$14,$14
$641E 58    CLI
$641F 59 AE 54 EOR $54AE,Y
$6422      .byte $54
$6423 55 14  EOR $14,X
$6425      .byte $14,$14,$3C,$14,$14,$14,$14,$14
$642D      .byte $14,$14,$14,$14,$14,$14,$14,$14
$6435      .byte $14,$14,$14,$14,$14,$14,$14,$14
//-----
L_JMP_($6441)_($406C) JAM
L_JMP_($6441)_($415D) JAM
L_JMP_($6441)_($4189) JAM
L_JMP_($6441)_($41C0) JAM
L_JMP_($6441)_($41C8) JAM
L_JMP_($6441)_($4588) JAM
//-----
$643D      .byte $14,$14,$14,$14,$14,$14,$14,$14
$6444 45 46  EOR $46
$6446      .byte $14,$14,$14,$14,$14,$14,$14,$14
$644E      .byte $14,$14,$14,$14,$14,$14,$14,$14

```


\$6456 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$645E .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6466 .byte \$14,\$14
\$6468 45 46 EOR \$46
\$646A .byte \$14,\$14,\$14,\$14,\$14,\$14
\$6470 45 46 EOR \$46
\$6472 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$647A .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6482 .byte \$14,\$14,\$14,\$14
\$6486 45 46 EOR \$46
\$6488 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6490 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6498 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$649F 45 46 EOR \$46
\$64A1 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$64A9 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$64B1 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$64B9 .byte \$14,\$14,\$14,\$14,\$14
\$64BE C4 C5 CPY \$C5
\$64C0 .byte \$14,\$14,\$AF,\$AF,\$54
\$64C5 AD 66 56 LDA \$5666
\$64C8 56 56 LSR \$56,X
\$64CA .byte \$54,\$54
\$64CC 56 54 LSR \$54,X
\$64CE 55 56 EOR \$56,X
\$64D0 66 56 ROR \$56
\$64D2 56 66 LSR \$66,X
\$64D4 .byte \$67,\$54
\$64D6 56 56 LSR \$56,X

\$64D8 56 56 LSR \$56,X
\$64DA .byte \$54,\$54
\$64DC 56 66 LSR \$66,X
\$64DE 66 59 ROR \$59
\$64E0 .byte \$AF
\$64E1 59 59 54 EOR \$5459,Y
\$64E4 .byte \$54
\$64E5 59 59 AF EOR \$AF59,Y
\$64E8 11 14 ORA (\$14),Y
\$64EA .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$64F1 3D 14 14 AND \$1414,X
\$64F4 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$64FC .byte \$12,\$AF,\$AF,\$64
\$6500 56 43 LSR \$43,X
\$6502 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$650A .byte \$14,\$14,\$14
\$650D E5 C9 SBC \$C9
\$650F CA DEX
\$6510 C9 CA CMP #\$CA
\$6512 C9 E6 CMP #\$E6
\$6514 .byte \$14
\$6515 3D 14 14 AND \$1414,X
\$6518 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$5A,\$54
\$6520 .byte \$54
\$6521 AE 56 54 LDX \$5456
\$6524 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$652C .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6534 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$653C .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

\$6544 45 46 EOR \$46
\$6546 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$654E .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6556 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$655E .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6566 .byte \$14,\$14
\$6568 45 46 EOR \$46
\$656A .byte \$14,\$14,\$14,\$14,\$14,\$14
\$6570 45 46 EOR \$46
\$6572 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$657A .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6582 .byte \$14,\$14,\$14,\$14
\$6586 45 46 EOR \$46
\$6588 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6590 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6598 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$659F 45 46 EOR \$46
\$65A1 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$65A9 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$65B1 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$65B9 .byte \$14,\$14,\$14,\$14,\$14
\$65BE C6 C7 DEC \$C7
\$65C0 .byte \$14,\$14
\$65C2 66 66 ROR \$66
\$65C4 AE 54 56 LDX \$5654
\$65C7 56 56 LSR \$56,X
\$65C9 56 54 LSR \$54,X
\$65CB 56 56 LSR \$56,X
\$65CD 56 54 LSR \$54,X

```

$65CF 56 54  LSR $54,X
$65D1      .byte $54
$65D2 56 54  LSR $54,X
$65D4 55 56  EOR $56,X
$65D6 56 66  LSR $66,X
$65D8      .byte $67,$12
$65DA 66 66  ROR $66
$65DC      .byte $54,$54
$65DE 56 54  LSR $54,X
$65E0      .byte $54,$54
$65E2 56 54  LSR $54,X
$65E4 55 56  EOR $56,X
$65E6 56 59  LSR $59,X
$65E8      .byte $AF
//-----
L_BRS_($65E9)_($6656) OK
//-----
$65E9 11 11  ORA ($11),Y
$65EB      .byte $14,$14,$14,$14,$14,$14,$3C,$14
$65F3      .byte $14,$14
$65F5 E5 C9  SBC $C9
$65F7 C9 C9  CMP #$C9
$65F9 C9 C9  CMP #$C9
$65FB C9 66  CMP #$66
$65FD 66 59  ROR $59
$65FF 65 64  ADC $64
$6601 65 14  ADC $14
//-----
L_JMP_($6604)_($3FAE) JAM

```

```

//-----
$6603      .byte $14,$14,$14,$14,$14,$14,$14,$14
$660B      .byte $14,$14
$660D 8E 92 92 STX $9292
$6610      .byte $92,$92,$92,$93,$14,$3C,$14,$14
$6618      .byte $14,$14,$14,$14,$14,$14
$661E 68    PLA
$661F 69 AE  ADC #$AE
$6621 A9 64  LDA #$64
$6623      .byte $54,$14,$14,$14,$14,$14,$14,$14
$662B      .byte $14,$14,$14,$14,$14,$14,$14,$14
$6633      .byte $14,$14,$14,$14,$14,$14,$14,$14
$663B      .byte $14,$14,$14,$14,$14
$6640 E5 C9  SBC $C9
//-----
L_JMP_($6643)_($3DA5) BAD
L_JMP_($6643)_($3F65) BAD
//-----
$6642 C9 CA  CMP #$CA
$6644 8C 8D C9 STY $C98D
$6647 CA    DEX
$6648 C9 C9  CMP #$C9
$664A      .byte $80
$664B 81 84  STA ($84,X)
$664D 85 84  STA $84
$664F 85 84  STA $84
$6651 85 84  STA $84
$6653 85 88  STA $88
$6655      .byte $89

```

```
$6656 90 91  BCC L_BRS_($65E9)_($6656) OK
//-----
L_JMP_($665F)_($3F91) JAM
//-----
$6658      .byte $14,$14,$14,$14,$14,$14,$14,$14
$6660      .byte $14,$14,$14
$6663 24 25  BIT $25
$6665 24 25  BIT $25
$6667      .byte $14
$6668 45 46  EOR $46
$666A      .byte $14,$14,$14,$14,$14,$14
$6670 45 46  EOR $46
$6672      .byte $14,$14,$14,$14,$14,$14,$14,$14
$6679 24 25  BIT $25
$667B 24 25  BIT $25
$667D      .byte $14,$14,$14,$14,$14,$14,$14,$14
$6685      .byte $14
$6686 45 46  EOR $46
$6688      .byte $14,$14,$14,$14,$14,$14,$14,$14
$6690      .byte $14,$14,$14,$14,$14,$14,$14,$14
$6698      .byte $14,$14
$669A E5 C9  SBC $C9
$669C C9 C9  CMP # $C9
$669E CA    DEX
$669F 8C 8D C9 STY $C98D
$66A2 CA    DEX
$66A3 C9 CA  CMP # $CA
$66A5 C9 CA  CMP # $CA
$66A7 C9 CA  CMP # $CA
```

\$66A9 C9 CA CMP # \$CA
\$66AB C9 CA CMP # \$CA
\$66AD C9 E6 CMP # \$E6
\$66AF .byte \$14,\$14
\$66B1 E5 C9 SBC \$C9
\$66B3 C9 CA CMP # \$CA
\$66B5 C9 C9 CMP # \$C9
\$66B7 E6 14 INC \$14
\$66B9 .byte \$14
\$66BA E5 C9 SBC \$C9
\$66BC C9 CA CMP # \$CA
\$66BE C9 CA CMP # \$CA
\$66C0 C9 CA CMP # \$CA
\$66C2 .byte \$AF,\$AF
\$66C4 A8 TAY
\$66C5 56 56 LSR \$56,X
\$66C7 .byte \$54,\$54
\$66C9 56 56 LSR \$56,X
\$66CB 56 56 LSR \$56,X
\$66CD .byte \$54
\$66CE 56 56 LSR \$56,X
\$66D0 56 56 LSR \$56,X
\$66D2 56 56 LSR \$56,X
\$66D4 .byte \$54,\$54
\$66D6 56 54 LSR \$54,X
\$66D8 55 54 EOR \$54,X
\$66DA .byte \$54
\$66DB 66 56 ROR \$56
\$66DD 56 56 LSR \$56,X

```

$66DF 56 56 LSR $56,X
$66E1 56 56 LSR $56,X
$66E3 56 54 LSR $54,X
$66E5      .byte $54
$66E6 56 66 LSR $66,X
$66E8 66 AF ROR $AF
$66EA      .byte $AF,$14,$14,$14,$14,$14,$14,$97
$66F2      .byte $14,$14,$14
$66F5 8E 92 92 STX $9292
$66F8      .byte $92,$92,$92,$93,$54
$66FD 59 AF AF EOR $AFAF,Y
$6700 66 66 ROR $66
//-----
L_JMP_($6704)_($3FD0) JAM
//-----
$6702      .byte $14,$14,$14,$14,$14,$14,$14,$14
$670A      .byte $14,$14,$14
$670D 68 PLA
$670E 09 6C ORA # $6C
$6710 6D 68 68 ADC $6868
$6713 68 PLA
$6714      .byte $14,$97,$14,$14,$14,$14,$14,$14
$671C      .byte $14,$14
$671E 6A ROR A
$671F 11 54 ORA ($54),Y
$6721 AE 66 67 LDX $6766
$6724      .byte $14,$14,$14,$14,$14,$14,$14,$14
$672C      .byte $14,$14,$14,$14,$14,$14,$14,$14
$6734      .byte $14,$14,$14,$14,$14,$14,$14,$14

```



```

$673C    .byte $14,$14,$14,$14
$6740 8E 92 3E STX $3E92
$6743    .byte $3F
$6744 3E 3F 3E ROL $3E3F,X
$6747    .byte $3F
$6748 3E 3F 82 ROL $823F,X
$674B    .byte $83
$674C 86 86 STX $86
$674E 86 86 STX $86
$6750 86 86 STX $86
$6752 86 86 STX $86
$6754 8A TXA
$6755    .byte $8B,$92,$93,$14,$14,$14,$14,$14
//-----
L_JMP_($675F)_($3FBF) JAM
//-----
$675D    .byte $14,$14,$14,$14,$14,$14
$6763 18 CLC
$6764 10 18 BPL L_BRS_($677E)_($6764) JAM
$6766 10 14 BPL L_BRS_($677C)_($6766) OK
$6768 45 46 EOR $46
$676A    .byte $14,$14,$14,$14,$14,$14
$6770 45 46 EOR $46
$6772    .byte $14,$14,$14,$14,$14,$14,$14,$14
$6779 18 CLC
$677A 10 18 BPL L_BRS_($6794)_($677A) JAM
//-----
L_BRS_($677C)_($6766) OK
//-----

```

```

$677C 10 14  BPL L_BRS_($6792)_($677C) JAM
//-----
L_BRS_($677E)_($6764) JAM
//-----
$677E      .byte $14,$14,$14,$14,$14,$14,$14,$14
$6786 45 46  EOR $46
$6788      .byte $14,$14,$14,$14,$14,$14,$14,$14
//-----
L_BRS_($6792)_($677C) JAM
L_BRS_($6794)_($677A) JAM
//-----
$6790      .byte $14,$14,$14,$14,$14,$14,$14,$14
$6798      .byte $14,$14
$679A 8E 92 3E  STX $3E92
$679D      .byte $3F,$92,$92,$92,$92,$92,$92,$92
$67A5      .byte $92,$92,$92,$92,$92,$92,$92,$92
$67AD      .byte $92,$93,$14,$14
$67B1 8E 92 92  STX $9292
$67B4      .byte $92,$92,$93,$93,$14,$14
$67BA 8E 92 3E  STX $3E92
$67BD      .byte $3F
$67BE 3E 3F 3E  ROL $3E3F,X
$67C1      .byte $3F,$AF
$67C3 59 AE 0B  EOR $0BAE,Y
$67C6 0A      ASL A
$67C7 08      PHP
$67C8 56 56  LSR $56,X
$67CA 56 54  LSR $54,X
$67CC 56 56  LSR $56,X

```

\$67CE 56 54 LSR \$54,X
\$67D0 08 PHP
\$67D1 09 56 ORA #56
\$67D3 56 56 LSR \$56,X
\$67D5 56 56 LSR \$56,X
\$67D7 56 54 LSR \$54,X
\$67D9 09 6D ORA #6D
\$67DB 09 6D ORA #6D
\$67DD 68 PLA
\$67DE 69 08 ADC #08
\$67E0 09 6D ORA #6D
\$67E2 68 PLA
\$67E3 69 09 ADC #09
\$67E5 09 66 ORA #66
\$67E7 66 66 ROR \$66
\$67E9 66 AE ROR \$AE
\$67EB .byte \$14,\$14,\$14,\$14,\$14,\$14
\$67F1 3D 14 14 AND \$1414,X
\$67F4 .byte \$14
\$67F5 68 PLA
\$67F6 09 6C ORA #6C
\$67F8 6D 68 68 ADC \$6868
\$67FB 68 PLA
\$67FC 66 AF ROR \$AF
\$67FE .byte \$AF,\$AF,\$54
\$6801 55 C9 EOR \$C9,X
\$6803 C9 C9 CMP #C9
\$6805 C9 CA CMP #CA
\$6807 C9 CA CMP #CA

```
$6809 C9 E6  CMP #$E6
$680B      .byte $14,$14
$680D 6A    ROR A
$680E      .byte $0B
$680F 6E 6F 6A ROR $6A6F
$6812 6A    ROR A
$6813 6A    ROR A
$6814      .byte $14
$6815 3D 14 14 AND $1414,X
$6818      .byte $14,$14,$14,$14,$14,$14
$681E 11 AF  ORA ($AF),Y
$6820 AE 54 54 LDX $5454
$6823 AD C9 CA LDA $CAC9
$6826 C9 CA  CMP #$CA
$6828 C9 CA  CMP #$CA
$682A C9 CA  CMP #$CA
$682C C9 CA  CMP #$CA
$682E C9 CA  CMP #$CA
$6830 C9 CA  CMP #$CA
$6832 C9 CA  CMP #$CA
$6834 C9 CA  CMP #$CA
$6836 C9 CA  CMP #$CA
$6838 C9 CA  CMP #$CA
$683A C9 CA  CMP #$CA
$683C C9 CA  CMP #$CA
$683E C9 CA  CMP #$CA
$6840 66 41  ROR $41
$6842 56 41  LSR $41,X
$6844 56 65  LSR $65,X
```

\$6846 .byte \$54
\$6847 AD A8 A9 LDA \$A9A8
\$684A 56 65 LSR \$65,X
\$684C .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6853 11 66 ORA (\$66),Y
\$6855 65 54 ADC \$54
\$6857 .byte \$A3
\$6858 C9 CA CMP #\$CA
\$685A C9 CA CMP #\$CA
\$685C C9 CA CMP #\$CA
\$685E C9 CA CMP #\$CA
\$6860 C9 CA CMP #\$CA
\$6862 C9 02 CMP #\$02
\$6864 .byte \$03,\$02,\$03
\$6867 C9 8C CMP #\$8C
\$6869 8D C9 CA STA \$CAC9
\$686C C9 CA CMP #\$CA
\$686E C9 CA CMP #\$CA
\$6870 8C 8D C9 STY \$C98D
\$6873 CA DEX
\$6874 C9 CA CMP #\$CA
\$6876 C9 C9 CMP #\$C9
\$6878 CA DEX
\$6879 .byte \$02,\$03,\$02,\$03
\$687D C9 CA CMP #\$CA
\$687F C9 CA CMP #\$CA
\$6881 C9 CA CMP #\$CA
\$6883 C9 C9 CMP #\$C9
\$6885 CA DEX

\$6886 8C 8D C9 STY \$C98D
\$6889 CA DEX
\$688A C9 CA CMP #\$CA
\$688C C9 CA CMP #\$CA
\$688E C9 CA CMP #\$CA
\$6890 C9 CA CMP #\$CA
\$6892 C9 CA CMP #\$CA
\$6894 C9 CA CMP #\$CA
\$6896 C9 CA CMP #\$CA
\$6898 C9 CA CMP #\$CA
\$689A 66 09 ROR \$09
\$689C 48 PHA
\$689D 49 48 EOR #\$48
\$689F 49 0B EOR #\$0B
\$68A1 68 PLA
\$68A2 94 09 STY \$09,X
\$68A4 48 PHA
\$68A5 .byte \$0B
\$68A6 94 69 STY \$69,X
\$68A8 09 48 ORA #\$48
\$68AA 94 68 STY \$68,X
\$68AC 69 09 ADC #\$09
\$68AE 48 PHA
\$68AF .byte \$14,\$14,\$0B,\$0B
\$68B3 68 PLA
\$68B4 68 PLA
\$68B5 .byte \$0B
\$68B6 68 PLA
\$68B7 68 PLA

```
$68B8      .byte $14,$14
$68BA 68    PLA
$68BB 69 09  ADC #09
$68BD 68    PLA
$68BE 69 08  ADC #08
$68C0 09 68  ORA #68
$68C2 69 08  ADC #08
$68C4 09 0E  ORA #0E
$68C6      .byte $14
$68C7 0A    ASL A
$68C8      .byte $0B
$68C9 0A    ASL A
$68CA 6E 6F 6E  ROR $6E6F
$68CD      .byte $6F
$68CE 6A    ROR A
$68CF      .byte $6B
$68D0 0A    ASL A
$68D1 6E 6F 6A  ROR $6A6F
$68D4      .byte $6B
$68D5 6E 0A 0B  ROR $0B0A
$68D8 0A    ASL A
$68D9 6E 6F 6E  ROR $6E6F
$68DC      .byte $6F
$68DD 6A    ROR A
$68DE      .byte $6B
$68DF 0A    ASL A
$68E0 6E 6F 6A  ROR $6A6F
$68E3      .byte $6B
$68E4 6E 69 45  ROR $4569
```

\$68E7 46 09 LSR \$09
\$68E9 08 PHP
\$68EA .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$3C
\$68F2 .byte \$14,\$14,\$14
\$68F5 6A ROR A
\$68F6 .byte \$0B
\$68F7 6E 6F 6A ROR \$6A6F
\$68FA 6A ROR A
\$68FB 6A ROR A
\$68FC 58 CLI
\$68FD .byte \$AF,\$AF,\$64
\$6900 56 43 LSR \$43,X
\$6902 3E 3E 3E ROL \$3E3E,X
\$6905 .byte \$3F
\$6906 3E 3F 3E ROL \$3E3F,X
\$6909 .byte \$92,\$93,\$14,\$14,\$14
\$690E 0E 0C 0D ASL \$0D0C
\$6911 .byte \$14,\$14,\$14,\$14,\$3C,\$14,\$14,\$14
\$6919 .byte \$14,\$14,\$14,\$14,\$14
\$691E 66 AF ROR \$AF
\$6920 .byte \$54
\$6921 AE AE AF LDX \$AFAE
\$6924 3E 3F 3E ROL \$3E3F,X
\$6927 .byte \$3F
\$6928 3E 3F 3E ROL \$3E3F,X
\$692B .byte \$3F
\$692C 3E 3F 3E ROL \$3E3F,X
\$692F .byte \$3F
\$6930 3E 3F 3E ROL \$3E3F,X

\$6933 .byte \$3F
\$6934 3E 3F 3E ROL \$3E3F,X
\$6937 .byte \$3F
\$6938 3E 3F 3E ROL \$3E3F,X
\$693B .byte \$3F
\$693C 3E 3F 3E ROL \$3E3F,X
\$693F .byte \$3F,\$42,\$43,\$42,\$43
\$6944 66 66 ROR \$66
\$6946 AE AF AA LDX \$AAAF
\$6949 66 66 ROR \$66
\$694B 66 11 ROR \$11
\$694D .byte \$14,\$14,\$14,\$14,\$14
\$6952 11 56 ORA (\$56),Y
\$6954 66 66 ROR \$66
\$6956 56 56 LSR \$56,X
\$6958 3E 3F 3E ROL \$3E3F,X
\$695B .byte \$3F
\$695C 3E 3F 3E ROL \$3E3F,X
\$695F .byte \$3F
\$6960 3E 3F 3E ROL \$3E3F,X
\$6963 .byte \$3F
\$6964 3E 3F 3E ROL \$3E3F,X
\$6967 .byte \$3F
\$6968 3E 3F 3E ROL \$3E3F,X
\$696B .byte \$3F
\$696C 3E 3F 3E ROL \$3E3F,X
\$696F .byte \$3F
\$6970 3E 3F 3E ROL \$3E3F,X
\$6973 .byte \$3F

\$6974 3E 3F 3E ROL \$3E3F,X
\$6977 .byte \$3F
\$6978 3E 3F 92 ROL \$923F,X
\$697B .byte \$3F,\$92,\$3F
\$697E 3E 3F 3E ROL \$3E3F,X
\$6981 .byte \$3F
\$6982 3E 3F 3E ROL \$3E3F,X
\$6985 .byte \$3F,\$3F
\$6987 3E 3E 3F ROL \$3F3E,X
\$698A 3E 3F 3E ROL \$3E3F,X
\$698D .byte \$3F
\$698E 3E 3F 3E ROL \$3E3F,X
\$6991 .byte \$3F
\$6992 3E 3F 3E ROL \$3E3F,X
\$6995 .byte \$3F
\$6996 3E 3F 3E ROL \$3E3F,X
\$6999 .byte \$3F
\$699A 3E 6A 00 ROL \$006A,X
\$699D .byte \$14,\$14,\$14
\$69A0 0E 6A 97 ASL \$976A
\$69A3 .byte \$0B,\$14
\$69A5 0E 97 14 ASL \$1497
\$69A8 .byte \$0B,\$14,\$97
\$69AB 6A ROR A
\$69AC .byte \$14,\$0B,\$14,\$14,\$14
\$69B1 0E 0E 6A ASL \$6A0E
\$69B4 6A ROR A
\$69B5 0E 6A 6A ASL \$6A6A
\$69B8 .byte \$14,\$14

\$69BA 6A ROR A
\$69BB .byte \$14
\$69BC 94 6A STY \$6A,X
\$69BE .byte \$14
\$69BF 0A ASL A
\$69C0 94 6A STY \$6A,X
\$69C2 .byte \$14
\$69C3 0A ASL A
\$69C4 .byte \$0B,\$14,\$14,\$14
\$69C8 0E 14 0E ASL \$0E14
\$69CB 0D 0C 0D ORA \$0D0C
\$69CE .byte \$14,\$14,\$14,\$0C
\$69D2 0D 14 14 ORA \$1414
\$69D5 0E 14 0E ASL \$0E14
\$69D8 .byte \$14
\$69D9 0E 0D 0C ASL \$0C0D
\$69DC 0D 14 14 ORA \$1414
\$69DF .byte \$14,\$0C
\$69E1 0D 14 14 ORA \$1414
\$69E4 0E 14 45 ASL \$4514
\$69E7 46 0B LSR \$0B
\$69E9 0A ASL A
\$69EA .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$97
\$69F2 .byte \$14,\$14,\$14,\$14,\$00,\$0C
\$69F8 0D 14 14 ORA \$1414
\$69FB .byte \$14,\$5A,\$5B,\$AF
\$69FF 65 66 ADC \$66
\$6A01 65 66 ADC \$66
\$6A03 .byte \$AF

```
$6A04 66 AF ROR $AF
$6A06 .byte $AF
$6A07 AE AF AF LDX $AF
$6A0A 68 PLA
$6A0B .byte $14,$14,$14,$14
$6A0F 0E 0F 14 ASL $140F
$6A12 .byte $14,$14,$14,$97,$14,$14,$14,$14
$6A1A .byte $14,$14,$14,$14
$6A1E 48 PHA
$6A1F .byte $0B
$6A20 08 PHP
$6A21 09 6C ORA #$6C
$6A23 6D 09 08 ADC $0809
$6A26 09 68 ORA #$68
$6A28 69 08 ADC #$08
$6A2A 09 6C ORA #$6C
$6A2C 6D 6C 6D ADC $6D6C
$6A2F 48 PHA
$6A30 09 48 ORA #$48
$6A32 08 PHP
$6A33 09 08 ORA #$08
$6A35 09 68 ORA #$68
$6A37 69 08 ADC #$08
$6A39 09 08 ORA #$08
$6A3B 6C 6D 6C JMP ($6C6D)
$6A3E 6D 68 69 ADC $6968
$6A41 08 PHP
$6A42 09 08 ORA #$08
$6A44 09 68 ORA #$68
```

\$6A46 69 08 ADC #08
\$6A48 09 08 ORA #08
\$6A4A 09 08 ORA #08
\$6A4C 09 14 ORA #14
\$6A4E .byte \$14,\$14,\$14,\$14
\$6A52 48 PHA
\$6A53 49 0B EOR #0B
\$6A55 68 PLA
\$6A56 6C 6D 48 JMP (\$486D)
\$6A59 45 46 EOR \$46
\$6A5B 49 6E EOR #6E
\$6A5D .byte \$6F
\$6A5E 48 PHA
\$6A5F 49 08 EOR #08
\$6A61 09 08 ORA #08
\$6A63 09 6E ORA #6E
\$6A65 .byte \$6F
\$6A66 08 PHP
\$6A67 09 08 ORA #08
\$6A69 09 09 ORA #09
\$6A6B 09 09 ORA #09
\$6A6D 09 08 ORA #08
\$6A6F 6C 6D 6C JMP (\$6C6D)
\$6A72 09 68 ORA #68
\$6A74 69 08 ADC #08
\$6A76 09 09 ORA #09
\$6A78 09 09 ORA #09
\$6A7A 09 09 ORA #09
\$6A7C 09 49 ORA #49

\$6A7E 6C 6D 6C JMP (\$6C6D)
\$6A81 6D 08 09 ADC \$0908
\$6A84 08 PHP
\$6A85 09 48 ORA #\$48
\$6A87 49 08 EOR #\$08
\$6A89 09 66 ORA #\$66
\$6A8B 09 09 ORA #\$09
\$6A8D 09 09 ORA #\$09
\$6A8F 09 09 ORA #\$09
\$6A91 09 64 ORA #\$64
\$6A93 65 6E ADC \$6E
\$6A95 .byte \$6F
\$6A96 08 PHP
\$6A97 09 08 ORA #\$08
\$6A99 .byte \$0B
\$6A9A 6A ROR A
\$6A9B .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6AA2 3D 14 14 AND \$1414,X
\$6AA5 .byte \$14
\$6AA6 3D 14 0E AND \$0E14,X
\$6AA9 .byte \$14
\$6AAA 3D 14 14 AND \$1414,X
\$6AAD 0E 14 14 ASL \$1414
\$6AB0 .byte \$14,\$14,\$14
\$6AB3 45 46 EOR \$46
\$6AB5 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$97
\$6ABD .byte \$14,\$14,\$14,\$97,\$14,\$14,\$14
\$6AC4 0E 14 14 ASL \$1414
\$6AC7 .byte \$14,\$14,\$14,\$14,\$0F

\$6ACC 0E OF 14 ASL \$140F
\$6ACF .byte \$14,\$14
\$6AD1 0E OF 14 ASL \$140F
\$6AD4 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$0F
\$6ADB 0E OF 14 ASL \$140F
\$6ADE .byte \$14,\$14
\$6AE0 0E OF 14 ASL \$140F
\$6AE3 .byte \$14,\$14,\$14
\$6AE6 45 46 EOR \$46
\$6AE8 0E 14 14 ASL \$1414
\$6AEB .byte \$14,\$14,\$14,\$14,\$14,\$14
\$6AF1 3D 14 14 AND \$1414,X
\$6AF4 .byte \$14,\$14,\$14
\$6AF7 0E OF 14 ASL \$140F
\$6AFA .byte \$14,\$14
\$6AFC 66 65 ROR \$65
\$6AFE 65 AF ADC \$AF
\$6B00 66 43 ROR \$43
\$6B02 48 PHA
\$6B03 .byte \$0B
\$6B04 48 PHA
\$6B05 .byte \$0B
\$6B06 08 PHP
\$6B07 09 6C ORA #\$6C
\$6B09 6D 6A 14 ADC \$146A
\$6B0C .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6B14 .byte \$14
\$6B15 3D 14 14 AND \$1414,X
\$6B18 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14

\$6B1F 0E 0A 08 ASL \$080A
\$6B22 09 6F ORA #\$6F
\$6B24 .byte \$0B
\$6B25 0A ASL A
\$6B26 .byte \$0B
\$6B27 6A ROR A
\$6B28 .byte \$14
\$6B29 0A ASL A
\$6B2A .byte \$0B
\$6B2B 6E 6F 6E ROR \$6E6F
\$6B2E .byte \$6F,\$00
\$6B30 45 46 EOR \$46
\$6B32 0A ASL A
\$6B33 .byte \$0B
\$6B34 0A ASL A
\$6B35 .byte \$0B
\$6B36 6A ROR A
\$6B37 .byte \$6B
\$6B38 0A ASL A
\$6B39 .byte \$0B
\$6B3A 0A ASL A
\$6B3B 6E 6F 6E ROR \$6E6F
\$6B3E .byte \$6F
\$6B3F 6A ROR A
\$6B40 .byte \$6B
\$6B41 0A ASL A
\$6B42 .byte \$0B
\$6B43 0A ASL A
\$6B44 .byte \$0B

\$6B45 6A ROR A
\$6B46 .byte \$14
\$6B47 0A ASL A
\$6B48 .byte \$0B
\$6B49 0A ASL A
\$6B4A .byte \$0B
\$6B4B 0A ASL A
\$6B4C .byte \$0B,\$00,\$14,\$14,\$14,\$14
\$6B52 0E 14 0E ASL \$0E14
\$6B55 6A ROR A
\$6B56 6E 6F 14 ROR \$146F
\$6B59 45 46 EOR \$46
\$6B5B .byte \$14,\$0C
\$6B5D 0D 00 0E ORA \$0E00
\$6B60 0A ASL A
\$6B61 .byte \$0B
\$6B62 0A ASL A
\$6B63 .byte \$0B,\$0C
\$6B65 0D 0A 0B ORA \$0B0A
\$6B68 0A ASL A
\$6B69 6E 6F 6E ROR \$6E6F
\$6B6C .byte \$6F
\$6B6D 6A ROR A
\$6B6E 0A ASL A
\$6B6F 6E 6F 6E ROR \$6E6F
\$6B72 .byte \$6F
\$6B73 6A ROR A
\$6B74 .byte \$14
\$6B75 0A ASL A

\$6B76 08 PHP
\$6B77 09 0A ORA #0A
\$6B79 .byte 0B
\$6B7A 0A ASL A
\$6B7B .byte 0B,\$00,\$14
\$6B7E 6E 6F 6E ROR \$6E6F
\$6B81 .byte 6F
\$6B82 0A ASL A
\$6B83 .byte 0B
\$6B84 0A ASL A
\$6B85 .byte 0B,\$14,\$14
\$6B88 0A ASL A
\$6B89 .byte 0B
\$6B8A 6A ROR A
\$6B8B 6A ROR A
\$6B8C 6A ROR A
\$6B8D .byte 0B
\$6B8E 0A ASL A
\$6B8F .byte 0B
\$6B90 0A ASL A
\$6B91 .byte 0B
\$6B92 6A ROR A
\$6B93 6A ROR A
\$6B94 .byte 0C
\$6B95 0D 0A 0B ORA 0B0A
\$6B98 .byte 00
\$6B99 0E 14 14 ASL \$1414
\$6B9C .byte \$14,\$14,\$14,\$14,\$14,\$14,\$3C,\$14
\$6BA4 .byte \$14,\$14,\$3C,\$14,\$14,\$14,\$3C,\$14

```
$6BAC    .byte $14,$14,$14,$14,$14,$14,$14
$6BB3 45 46  EOR $46
$6BB5    .byte $14,$14,$14,$14,$14,$14,$14
$6BBC 3D 14 14  AND $1414,X
$6BBF    .byte $14
$6BC0 3D 14 14  AND $1414,X
$6BC3    .byte $14,$14,$14,$14,$14,$14,$14,$14
$6BCB    .byte $14,$14,$14,$14,$14,$14,$14,$14
$6BD3    .byte $14,$14,$14,$14,$14,$14,$14,$14
$6BDB    .byte $14,$14,$14,$14,$14,$14,$14,$14
$6BE3    .byte $14,$14,$14
$6BE6 45 46  EOR $46
$6BE8    .byte $14,$14,$14,$14,$14,$14,$14,$14
$6BF0    .byte $14
$6BF1 3D 14 14  AND $1414,X
$6BF4    .byte $14,$14,$14,$14,$14,$14,$14,$14
$6BFC 66 66  ROR $66
$6BFE    .byte $AF,$AF
$6C00 66 65  ROR $65
$6C02    .byte $14
$6C03 0E 14 0E  ASL $0E14
$6C06 0A    ASL A
$6C07    .byte $0B
$6C08 6E 6F 14  ROR $146F
$6C0B    .byte $14,$14,$14,$14,$14,$14,$14,$14
$6C13    .byte $14,$14,$3C,$14,$14,$14,$14,$14
$6C1B    .byte $14,$14,$14,$14,$14,$14
$6C21 0A    ASL A
$6C22    .byte $0B
```

\$6C23 0D 0E 14 ORA \$140E
\$6C26 0E 14 14 ASL \$1414
\$6C29 .byte \$14
\$6C2A 0E 0E 0D ASL \$0D0E
\$6C2D .byte \$0C
\$6C2E 0D 14 45 ORA \$4514
\$6C31 46 14 LSR \$14
\$6C33 0E 14 0E ASL \$0E14
\$6C36 .byte \$14,\$14,\$14
\$6C39 0E 14 0E ASL \$0E14
\$6C3C 0D 0C 0D ORA \$0D0C
\$6C3F .byte \$14,\$14,\$14
\$6C42 0E 14 0E ASL \$0E14
\$6C45 .byte \$14,\$14,\$14
\$6C48 0E 14 0E ASL \$0E14
\$6C4B .byte \$14
\$6C4C 0E 14 14 ASL \$1414
\$6C4F .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$00,\$0C
\$6C57 0D 14 45 ORA \$4514
\$6C5A 46 14 LSR \$14
\$6C5C 0E 0F 14 ASL \$140F
\$6C5F .byte \$14,\$14
\$6C61 0E 14 0E ASL \$0E14
\$6C64 0E 0F 14 ASL \$140F
\$6C67 0E 14 0E ASL \$0E14
\$6C6A 0D 0C 0D ORA \$0D0C
\$6C6D .byte \$14,\$14
\$6C6F 0E 0D 0C ASL \$0C0D
\$6C72 0D 14 14 ORA \$1414

```

$6C75      .byte $14
$6C76 0A    ASL A
$6C77      .byte $0B,$14
$6C79 0E 14 0E ASL $0E14
$6C7C      .byte $14,$14,$0C
$6C7F 0D 0C 0D ORA $0D0C
$6C82      .byte $14
$6C83 0E 14 0E ASL $0E14
$6C86      .byte $14,$14,$14
$6C89 0E 14 45 ASL $4514
$6C8C 46 0E   LSR $0E
$6C8E      .byte $14
$6C8F 0E 14 0E ASL $0E14
$6C92      .byte $14,$14
$6C94 0E 0F 14 ASL $140F
$6C97 0E 14 14 ASL $1414
$6C9A      .byte $14,$14,$14,$14,$14,$14,$14,$14,$14
$6CA2      .byte $97,$14,$14,$14,$97,$14,$14,$14
$6CAA      .byte $97,$14,$14,$14,$14,$14,$14,$14
$6CB2      .byte $14
$6CB3 45 46   EOR $46
$6CB5      .byte $14,$14,$14,$14,$14,$14,$14,$3C
$6CBD      .byte $14,$14,$14,$3C,$14,$14,$14,$14
$6CC5      .byte $14,$14,$14,$14,$14,$14,$14,$14
//-----
L_JSR_($6CD0)_($28F9) JAM
//-----
$6CCD      .byte $14,$14,$14,$14,$14,$14,$14,$14
$6CD5      .byte $14,$14,$14,$14,$14,$14,$14,$14

```

\$6CDD .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6CE5 .byte \$14
\$6CE6 45 46 EOR \$46
\$6CE8 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6CF0 .byte \$14,\$3C,\$14,\$14,\$14,\$14,\$14,\$14
\$6CF8 .byte \$14,\$14,\$14,\$14
\$6CFC 66 AF ROR \$AF
\$6CFE .byte \$AF,\$64
\$6D00 66 66 ROR \$66
\$6D02 .byte \$14,\$14,\$14,\$14
\$6D06 45 46 EOR \$46
\$6D08 .byte \$0C
\$6D09 0D 14 14 ORA \$1414
\$6D0C .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6D14 .byte \$14,\$3C,\$14,\$14,\$14,\$14,\$14,\$14
\$6D1C .byte \$14,\$14,\$14,\$14,\$14
\$6D21 45 46 EOR \$46
\$6D23 .byte \$0F,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6D2B .byte \$14,\$0F
\$6D2D 0E 0F 14 ASL \$140F
\$6D30 45 46 EOR \$46
\$6D32 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6D3A .byte \$14,\$14,\$0F
\$6D3D 0E 0F 14 ASL \$140F
\$6D40 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6D48 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6D50 .byte \$14,\$14,\$14,\$14,\$14,\$14
\$6D56 0E 0F 14 ASL \$140F
\$6D59 45 46 EOR \$46

\$6D5B .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6D63 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$0F
\$6D6B OE OF 14 ASL \$140F
\$6D6E .byte \$14,\$14,\$0F
\$6D71 OE OF 14 ASL \$140F
\$6D74 .byte \$14,\$14
\$6D76 45 46 EOR \$46
\$6D78 .byte \$14,\$14,\$14,\$14,\$14,\$14
\$6D7E OE OF 14 ASL \$140F
\$6D81 .byte \$0F,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6D89 .byte \$14,\$14
\$6D8B 45 46 EOR \$46
\$6D8D .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6D95 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6D9D .byte \$14,\$14,\$14,\$14,\$14,\$97,\$14,\$14
\$6DA5 .byte \$14
\$6DA6 3D 14 14 AND \$1414,X
\$6DA9 .byte \$14,\$97,\$14,\$14,\$14,\$14,\$14,\$14
\$6DB1 .byte \$14,\$14
\$6DB3 45 46 EOR \$46
\$6DB5 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$97
\$6DBD .byte \$14,\$14,\$14,\$97,\$14,\$14,\$14,\$14
\$6DC5 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6DCD .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6DD5 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6DDD .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6DE5 .byte \$14
\$6DE6 45 46 EOR \$46
\$6DE8 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

\$6DF0 .byte \$14
\$6DF1 3D 14 14 AND \$1414,X
\$6DF4 .byte \$14,\$14,\$14,\$14
\$6DF8 C4 C5 CPY \$C5
\$6DFA .byte \$14,\$14
\$6DFC 66 AF ROR \$AF
\$6DFE .byte \$AF
\$6DFF 65 AE ADC \$AE
\$6E01 AE 14 14 LDX \$1414
\$6E04 .byte \$14,\$14
\$6E06 45 46 EOR \$46
\$6E08 0E 0F 14 ASL \$140F
\$6E0B .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6E13 .byte \$14,\$14,\$97,\$14,\$14,\$14,\$14,\$14
\$6E1B .byte \$14,\$14,\$14,\$14,\$14,\$14
\$6E21 45 46 EOR \$46
\$6E23 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6E2B .byte \$14,\$14,\$14,\$14,\$14
\$6E30 45 46 EOR \$46
\$6E32 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6E3A .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6E42 .byte \$14,\$14
\$6E44 1D 1D 1D ORA \$1D1D,X
\$6E47 .byte \$1F
\$6E48 1D 1D 1D ORA \$1D1D,X
\$6E4B .byte \$1F,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6E53 .byte \$14,\$14,\$14,\$14,\$14,\$14
\$6E59 45 46 EOR \$46
\$6E5B .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

\$6E63 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6E6B .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6E73 .byte \$14,\$14,\$14
\$6E76 45 46 EOR \$46
\$6E78 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6E80 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6E88 .byte \$14,\$14,\$14
\$6E8B 45 46 EOR \$46
\$6E8D .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6E95 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6E9D .byte \$14,\$14,\$14,\$14,\$14
\$6EA2 3D 14 14 AND \$1414,X
\$6EA5 .byte \$14
\$6EA6 3D 14 14 AND \$1414,X
\$6EA9 .byte \$14
\$6EAA 3D 14 14 AND \$1414,X
\$6EAD .byte \$14,\$14,\$14,\$14,\$14,\$14
\$6EB3 45 46 EOR \$46
\$6EB5 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6EBC 3D 14 14 AND \$1414,X
\$6EBF .byte \$14
\$6ECO 3D 14 14 AND \$1414,X
\$6EC3 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6ECB .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6ED3 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6EDB .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6EE3 .byte \$14,\$14,\$14
\$6EE6 45 46 EOR \$46
\$6EE8 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

```
$6EF0    .byte $14,$3C,$14,$14,$14,$14,$14,$14
$6EF8 C6 C7  DEC $C7
$6EFA    .byte $14,$14
$6EFC 58    CLI
$6EFD 59 AF 65 EOR $65AF,Y
$6F00 66 54  ROR $54
$6F02    .byte $14,$14,$14,$14
$6F06 45 46  EOR $46
$6F08    .byte $14,$14,$14,$14,$14,$14,$14,$14
$6F10    .byte $14,$14,$14,$14,$14
$6F15 3D 14 14 AND $1414,X
$6F18    .byte $14,$14,$14,$14,$14,$14,$14,$14
$6F20    .byte $14
$6F21 45 46  EOR $46
$6F23    .byte $14,$14,$14,$14,$14,$14,$14,$14
$6F2B    .byte $14,$14,$14,$14,$14
$6F30 45 46  EOR $46
$6F32    .byte $14,$14,$14,$14,$14,$14,$14,$14
$6F3A    .byte $14,$14,$14,$14,$14,$14,$14,$14
$6F42    .byte $14,$14,$22,$22,$22
$6F47 20 22 22 JSR L_JSR_($2222)_($6F47) BAD
$6F4A    .byte $22
$6F4B 20 14 14 JSR L_JSR_($1414)_($6F4B) JAM
$6F4E    .byte $14,$14,$14,$14,$14,$14,$14,$14
$6F56    .byte $14,$14,$14
$6F59 45 46  EOR $46
$6F5B    .byte $14,$14,$14,$14,$14,$14,$14,$14
$6F63    .byte $14,$14,$14,$14,$14,$14,$14,$14
$6F6B    .byte $14,$14,$14,$14,$14,$14,$14,$14
```

\$6F73 .byte \$14,\$14,\$14
\$6F76 45 46 EOR \$46
\$6F78 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6F80 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6F88 .byte \$14,\$14,\$14
\$6F8B 45 46 EOR \$46
\$6F8D .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6F95 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6F9D .byte \$14,\$14,\$14,\$14,\$14,\$3C,\$14,\$14
\$6FA5 .byte \$14,\$3C,\$14,\$14,\$14,\$3C,\$14,\$14
\$6FAD .byte \$14,\$14,\$14,\$14,\$14,\$14
\$6FB3 45 46 EOR \$46
\$6FB5 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$3C
\$6FBD .byte \$14,\$14,\$14,\$3C,\$14,\$14,\$14,\$14
\$6FC5 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6FCD .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6FD5 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6FDD .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6FE5 .byte \$14
\$6FE6 45 46 EOR \$46
\$6FE8 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6FF0 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$6FF8 .byte \$14,\$14,\$14,\$14
\$6FFC 66 5B ROR \$5B
\$6FFE 59 AF 12 EOR \$12AF,Y
\$7001 .byte \$AF,\$14,\$14,\$14,\$14
\$7006 45 46 EOR \$46
\$7008 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$7010 .byte \$14,\$14,\$14,\$14,\$14,\$3C,\$14,\$14

\$7018 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$7020 .byte \$14
\$7021 45 46 EOR \$46
\$7023 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$702B .byte \$14,\$14,\$14,\$14,\$14
\$7030 45 46 EOR \$46
\$7032 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$703A .byte \$14,\$14
\$703C 1D 1D 1D ORA \$1D1D,X
\$703F .byte \$1F
\$7040 1D 1D 1D ORA \$1D1D,X
\$7043 .byte \$1F
\$7044 1D 1D 1D ORA \$1D1D,X
\$7047 .byte \$1F
\$7048 1D 1D 1D ORA \$1D1D,X
\$704B .byte \$1F,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$7053 .byte \$14,\$14,\$14,\$14,\$14,\$14
\$7059 45 46 EOR \$46
\$705B .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$7063 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$706B .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$7073 .byte \$14,\$14,\$14
\$7076 45 46 EOR \$46
\$7078 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$7080 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$7088 .byte \$14,\$14,\$14
\$708B 45 46 EOR \$46
\$708D .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$7095 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

\$709D .byte \$14,\$14,\$14,\$14,\$14,\$97,\$14,\$14
\$70A5 .byte \$14,\$97,\$14,\$14,\$14,\$97,\$14,\$14
\$70AD .byte \$14
\$70AE E5 C9 SBC \$C9
\$70B0 C9 C9 CMP #\$C9
\$70B2 C9 8C CMP #\$8C
\$70B4 8D C9 C9 STA \$C9C9
\$70B7 C9 E6 CMP #\$E6
\$70B9 .byte \$14,\$14,\$14,\$97,\$14,\$14,\$14,\$97
\$70C1 .byte \$14,\$14,\$14
\$70C4 E5 C9 SBC \$C9
\$70C6 C9 E6 CMP #\$E6
\$70C8 .byte \$14,\$14,\$14,\$14
\$70CC 24 25 BIT \$25
\$70CE 24 25 BIT \$25
\$70D0 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$70D8 .byte \$14,\$14,\$14,\$14,\$14
\$70DD 24 25 BIT \$25
\$70DF 24 25 BIT \$25
\$70E1 .byte \$14,\$14,\$14,\$14,\$14
\$70E6 45 46 EOR \$46
\$70E8 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$70F0 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$70F8 .byte \$14,\$14,\$14,\$14
\$70FC 58 CLI
\$70FD 59 AF 64 EOR \$64AF,Y
\$7100 66 65 ROR \$65
\$7102 .byte \$14,\$14,\$14,\$14
\$7106 45 46 EOR \$46

\$7108 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$7110 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$7118 .byte \$14,\$14,\$14,\$14,\$14,\$14
\$711E C4 C5 CPY \$C5
\$7120 .byte \$14
\$7121 45 46 EOR \$46
\$7123 .byte \$14,\$14,\$14
\$7126 24 25 BIT \$25
\$7128 24 25 BIT \$25
\$712A .byte \$14,\$14,\$14,\$14,\$14,\$14
\$7130 45 46 EOR \$46
\$7132 .byte \$14,\$14,\$14
\$7135 24 25 BIT \$25
\$7137 24 25 BIT \$25
\$7139 .byte \$14,\$14,\$14,\$22,\$22,\$22
\$713F 20 22 22 JSR L_JSR_(\$2222)_(\$713F) BAD
\$7142 .byte \$22
\$7143 20 22 22 JSR L_JSR_(\$2222)_(\$7143) BAD
\$7146 .byte \$22
\$7147 20 22 22 JSR L_JSR_(\$2222)_(\$7147) BAD
\$714A .byte \$22
\$714B 20 14 14 JSR L_JSR_(\$1414)_(\$714B) JAM
\$714E .byte \$14,\$14,\$14
\$7151 C0 C1 CPY #C1
\$7153 .byte \$14,\$14,\$14,\$14,\$14,\$14
\$7159 45 46 EOR \$46
\$715B .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$7163 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$716B .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14

\$7173 .byte \$14,\$14,\$14
\$7176 45 46 EOR \$46
\$7178 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$7180 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$7188 .byte \$14,\$14,\$14
\$718B 45 46 EOR \$46
\$718D .byte \$14,\$14,\$14,\$14
\$7191 24 25 BIT \$25
\$7193 24 25 BIT \$25
\$7195 .byte \$14,\$14,\$14
\$7198 C0 C1 CPY #\$C1
\$719A C4 C5 CPY \$C5
\$719C E5 C9 SBC \$C9
\$719E C9 E6 CMP #\$E6
\$71A0 .byte \$14,\$14
\$71A2 3D 14 14 AND \$1414,X
\$71A5 .byte \$14
\$71A6 3D 14 14 AND \$1414,X
\$71A9 .byte \$14
\$71AA 3D 14 14 AND \$1414,X
\$71AD .byte \$14
\$71AE 8E 92 92 STX \$9292
\$71B1 .byte \$92,\$92,\$92,\$92,\$92,\$92,\$92,\$93
\$71B9 .byte \$14,\$14,\$14
\$71BC 3D 14 14 AND \$1414,X
\$71BF .byte \$14
\$71C0 3D 14 14 AND \$1414,X
\$71C3 .byte \$14
\$71C4 8E 92 92 STX \$9292

```

$71C7      .byte $93,$14,$14,$14,$14
$71CC 18   CLC
$71CD 10 18 BPL L_BRS_($71E7)_($71CD) BAD
$71CF 10 14 BPL L_BRS_($71E5)_($71CF) JAM
$71D1      .byte $14,$14,$14,$14,$14,$14,$14,$14
$71D9      .byte $14,$14,$14,$14
$71DD 18   CLC
$71DE 10 18 BPL L_BRS_($71F8)_($71DE) JAM
$71E0 10 14 BPL L_BRS_($71F6)_($71E0) JAM
//-----
L_BRS_($71E5)_($71CF) JAM
//-----
$71E2      .byte $14,$14,$14,$14
//-----
L_BRS_($71E7)_($71CD) BAD
//-----
$71E6 45 46 EOR $46
$71E8      .byte $14,$14,$14,$14,$14,$14,$14,$14
//-----
L_BRS_($71F6)_($71E0) JAM
//-----
$71F0      .byte $14,$14,$14,$14,$14,$14,$14,$14
//-----
L_BRS_($71F8)_($71DE) JAM
//-----
$71F8      .byte $14,$14,$14,$14,$5A,$AF,$AF,$AF
$7200 66 65 ROR $65
$7202      .byte $14,$14,$14,$14
$7206 45 46 EOR $46

```



```

$7208      .byte $14,$14,$14,$14,$14,$14,$14,$14
$7210      .byte $14,$14,$14,$14,$14,$14,$14,$14
$7218      .byte $14,$14,$14,$14,$14,$14
$721E C6 C7  DEC $C7
$7220      .byte $14
$7221 45 46  EOR $46
$7223      .byte $14,$14,$14
$7226 18    CLC
$7227 10 18  BPL L_BRS_($7241)_($7227) BAD
$7229 10 14  BPL L_BRS_($723F)_($7229) JAM
$722B      .byte $14,$14,$14,$14,$14
$7230 45 46  EOR $46
$7232      .byte $14,$14,$14
$7235 18    CLC
$7236 10 18  BPL L_BRS_($7250)_($7236) JAM
$7238 10 14  BPL L_BRS_($724E)_($7238) BAD
$723A      .byte $14,$14
$723C 1D 1D 1D ORA $1D1D,X
//-----
L_BRS_($723F)_($7229) JAM
//-----
$723F      .byte $1F
//-----
L_BRS_($7241)_($7227) BAD
//-----
$7240 1D 1D 1D ORA $1D1D,X
$7243      .byte $1F
$7244 1D 1D 1D ORA $1D1D,X
$7247      .byte $1F

```

```
$7248 1D 1D 1D ORA $1D1D,X
$724B      .byte $1F
//-----
L_BRS_($724E)_($7238) BAD
//-----
$724C 1D 1D 1D ORA $1D1D,X
//-----
L_BRS_($7250)_($7236) JAM
//-----
$724F      .byte $1F,$14,$C2,$C3,$14,$14,$14,$14
$7257      .byte $14,$14
$7259 45 46  EOR $46
$725B      .byte $14,$14,$14,$14,$14,$14,$14,$14
$7263      .byte $14,$14,$14,$14,$14,$14,$14,$14
$726B      .byte $14,$14,$14,$14,$14,$14,$14,$14
$7273      .byte $14,$14,$14
$7276 45 46  EOR $46
$7278      .byte $14,$14,$14,$14,$14,$14,$14,$14
$7280      .byte $14,$14,$14,$14,$14,$14,$14,$14
$7288      .byte $14,$14,$14
$728B 45 46  EOR $46
$728D      .byte $14,$14,$14,$14
$7291 18     CLC
$7292 10 18  BPL L_BRS_($72AC)_($7292) JAM
$7294 10 14  BPL L_BRS_($72AA)_($7294) JAM
$7296      .byte $14,$14,$C2,$C3
$729A C6 C7  DEC $C7
$729C 8E 3F 92 STX $923F
$729F      .byte $93,$14,$14,$14,$14,$14,$14,$14
```

```

//-----
L_BRS_($72AA)_($7294) JAM
L_BRS_($72AC)_($7292) JAM
//-----
$72A7      .byte $14,$14,$14,$14,$14,$14,$14,$14,$0B
$72AF 68    PLA
$72B0 68    PLA
$72B1      .byte $0B
$72B2 68    PLA
$72B3 68    PLA
$72B4 68    PLA
$72B5      .byte $0B
$72B6 68    PLA
$72B7      .byte $0B
$72B8 68    PLA
$72B9      .byte $14,$14,$14,$14,$14,$14,$14,$14,$14
$72C1      .byte $14,$14,$14
$72C4 40    RTI
//-----
$72C5 41 66  EOR ($66,X)
$72C7 41 C9  EOR ($C9,X)
$72C9 C9 C9  CMP #C9
$72CB C9 02  CMP #02
$72CD      .byte $03,$02,$03
$72D0 C9 C9  CMP #C9
$72D2 C9 C9  CMP #C9
$72D4 C9 C9  CMP #C9
$72D6 C9 C9  CMP #C9
$72D8 C9 C9  CMP #C9

```

```
$72DA C9 C9  CMP #$C9
$72DC C9 02  CMP #$02
$72DE      .byte $03,$02,$03
$72E1 C9 C9  CMP #$C9
$72E3 C9 C9  CMP #$C9
$72E5 C9 8C  CMP #$8C
$72E7 8D C9 C9 STA $C9C9
$72EA C9 C9  CMP #$C9
$72EC C9 C9  CMP #$C9
$72EE C9 C9  CMP #$C9
$72F0 C9 C9  CMP #$C9
$72F2 C9 C9  CMP #$C9
$72F4 C9 C9  CMP #$C9
$72F6 C9 C9  CMP #$C9
$72F8 C9 C9  CMP #$C9
$72FA C9 C9  CMP #$C9
$72FC 58    CLI
$72FD      .byte $AF,$AF,$64
$7300 66 66  ROR $66
$7302 C9 C9  CMP #$C9
$7304 C9 C9  CMP #$C9
$7306 8C 8D C9 STY $C98D
$7309 C9 C9  CMP #$C9
$730B C9 C9  CMP #$C9
$730D C9 C9  CMP #$C9
$730F C9 C9  CMP #$C9
$7311 C9 C9  CMP #$C9
$7313 C9 C9  CMP #$C9
$7315 C9 C9  CMP #$C9
```

\$7317 C9 C9 CMP #C9
\$7319 C9 C9 CMP #C9
\$731B C9 C9 CMP #C9
\$731D C9 C9 CMP #C9
\$731F C9 C9 CMP #C9
\$7321 8C 8D C9 STY C98D
\$7324 C9 C9 CMP #C9
\$7326 .byte \$02,\$03,\$02,\$03
\$732A C9 C9 CMP #C9
\$732C C9 C9 CMP #C9
\$732E C9 C9 CMP #C9
\$7330 8C 8D C9 STY C98D
\$7333 C9 C9 CMP #C9
\$7335 .byte \$02,\$03,\$02,\$03
\$7339 C9 C9 CMP #C9
\$733B C9 21 CMP #21
\$733D 21 21 AND (\$21,X)
\$733F .byte \$23
\$7340 21 21 AND (\$21,X)
\$7342 21 23 AND (\$23,X)
\$7344 21 21 AND (\$21,X)
\$7346 21 23 AND (\$23,X)
\$7348 21 21 AND (\$21,X)
\$734A 21 23 AND (\$23,X)
\$734C 21 21 AND (\$21,X)
\$734E 21 23 AND (\$23,X)
\$7350 C9 C9 CMP #C9
\$7352 C9 C9 CMP #C9
\$7354 C9 C9 CMP #C9

\$7356 C9 C9 CMP #C9
\$7358 C9 8C CMP #8C
\$735A 8D C9 C9 STA C9C9
\$735D C9 C9 CMP #C9
\$735F C9 C9 CMP #C9
\$7361 C9 C9 CMP #C9
\$7363 C9 C9 CMP #C9
\$7365 C9 C9 CMP #C9
\$7367 C9 C9 CMP #C9
\$7369 C9 C9 CMP #C9
\$736B C9 C9 CMP #C9
\$736D C9 C9 CMP #C9
\$736F C9 C9 CMP #C9
\$7371 C9 C9 CMP #C9
\$7373 C9 C9 CMP #C9
\$7375 C9 8C CMP #8C
\$7377 8D C9 C9 STA C9C9
\$737A C9 C9 CMP #C9
\$737C C9 C9 CMP #C9
\$737E C9 C9 CMP #C9
\$7380 C9 C9 CMP #C9
\$7382 C9 C9 CMP #C9
\$7384 C9 C9 CMP #C9
\$7386 C9 C9 CMP #C9
\$7388 C9 C9 CMP #C9
\$738A C9 8C CMP #8C
\$738C 8D C9 C9 STA C9C9
\$738F C9 C9 CMP #C9
\$7391 .byte \$02,\$03,\$02,\$03

\$7395 C9 C9 CMP #\$C9
\$7397 C9 C9 CMP #\$C9
\$7399 C9 C9 CMP #\$C9
\$739B C9 66 CMP #\$66
\$739D .byte \$43
\$739E 66 43 ROR \$43
\$73A0 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$73A8 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14
\$73AF 6A ROR A
\$73B0 6A ROR A
\$73B1 .byte \$00
\$73B2 6A ROR A
\$73B3 6A ROR A
\$73B4 6A ROR A
\$73B5 .byte \$00
\$73B6 6A ROR A
\$73B7 .byte \$00
\$73B8 6A ROR A
\$73B9 .byte \$14,\$14,\$14,\$14,\$14,\$14,\$14,\$14
\$73C1 .byte \$14,\$14,\$14,\$42,\$43
\$73C6 66 43 ROR \$43
\$73C8 3E 3F 3E ROL \$3E3F,X
\$73CB .byte \$3F
\$73CC 3E 3F 3E ROL \$3E3F,X
\$73CF .byte \$3F
\$73D0 3E 3F 3E ROL \$3E3F,X
\$73D3 .byte \$3F
\$73D4 3E 3F 3E ROL \$3E3F,X
\$73D7 .byte \$3F

\$73D8 3E 3F 3E ROL \$3E3F,X
\$73DB .byte \$3F
\$73DC 3E 3F 3E ROL \$3E3F,X
\$73DF .byte \$3F
\$73E0 3E 3F 3E ROL \$3E3F,X
\$73E3 3E 3F 3E ROL \$3E3F,X
\$73E6 .byte \$3F
\$73E7 3E 3F 3E ROL \$3E3F,X
\$73EA 3E 3F 3E ROL \$3E3F,X
\$73ED .byte \$3F
\$73EE 3E 3E 3F ROL \$3F3E,X
\$73F1 3E 3E 3F ROL \$3F3E,X
\$73F4 3E 3F 3E ROL \$3E3F,X
\$73F7 .byte \$3F
\$73F8 3E 3F 3E ROL \$3E3F,X
\$73FB .byte \$3F
\$73FC 66 AF ROR \$AF
\$73FE .byte \$AF,\$AF
\$7400 AE AE 3E LDX \$3EAE
\$7403 3E 3F 3E ROL \$3E3F,X
\$7406 .byte \$3F
\$7407 3E 3F 3E ROL \$3E3F,X
\$740A .byte \$3F
\$740B 3E 3F 3E ROL \$3E3F,X
\$740E .byte \$3F
\$740F 3E 3E 3F ROL \$3F3E,X
\$7412 3E 3F 3E ROL \$3E3F,X
\$7415 .byte \$3F
\$7416 3E 3E 3E ROL \$3E3E,X

\$7419 3E 3E 3F ROL \$3F3E,X
\$741C 3E 3F 3E ROL \$3E3F,X
\$741F .byte \$3F
\$7420 3E 3F 3E ROL \$3E3F,X
\$7423 .byte \$3F
\$7424 3E 3F 3E ROL \$3E3F,X
\$7427 .byte \$3F
\$7428 3E 3F 3F ROL \$3F3F,X
\$742B 3E 3F 3E ROL \$3E3F,X
\$742E .byte \$3F
\$742F 3E 3F 3F ROL \$3F3F,X
\$7432 3E 3F 3F ROL \$3F3F,X
\$7435 3E 3F 3F ROL \$3F3F,X
\$7438 3E 3F 3E ROL \$3E3F,X
\$743B .byte \$3F,\$3F,\$3F
\$743E 3E 3F 3F ROL \$3F3F,X
\$7441 .byte \$3F,\$3F
\$7443 3E 3F 3F ROL \$3F3F,X
\$7446 .byte \$3F
\$7447 3E 3F 3F ROL \$3F3F,X
\$744A 3E 3F 3F ROL \$3F3F,X
\$744D .byte \$3F
\$744E 3E 3F 3F ROL \$3F3F,X
\$7451 .byte \$3F
\$7452 3E 3F 3F ROL \$3F3F,X
\$7455 3E 3F 3F ROL \$3F3F,X
\$7458 3E 3F 3F ROL \$3F3F,X
\$745B .byte \$3F
\$745C 3E 3F 3F ROL \$3F3F,X

\$745F 3E 3F 3F ROL \$3F3F,X
\$7462 3E 3F 3E ROL \$3E3F,X
\$7465 .byte \$3F,\$3F,\$3F
\$7468 3E 3F 3F ROL \$3F3F,X
\$746B .byte \$3F
\$746C 3E 3F 3F ROL \$3F3F,X
\$746F 3E 3F 3E ROL \$3E3F,X
\$7472 .byte \$3F,\$3F
\$7474 3E 3F 3E ROL \$3E3F,X
\$7477 .byte \$3F
\$7478 3E 3F 3F ROL \$3F3F,X
\$747B 3E 3F 3E ROL \$3E3F,X
\$747E .byte \$3F,\$3F
\$7480 3E 3F 3F ROL \$3F3F,X
\$7483 3E 3F 3E ROL \$3E3F,X
\$7486 .byte \$3F
\$7487 3E 3F 3F ROL \$3F3F,X
\$748A 3E 3F 3E ROL \$3E3F,X
\$748D .byte \$3F
\$748E 3E 3F 3E ROL \$3E3F,X
\$7491 .byte \$3F
\$7492 3E 3F 3E ROL \$3E3F,X
\$7495 .byte \$3F
\$7496 3E 3F 3E ROL \$3E3F,X
\$7499 .byte \$3F,\$3F,\$3F
\$749C 66 AE ROR \$AE
\$749E AE AE 27 LDX \$27AE
\$74A1 26 27 ROL \$27
\$74A3 26 27 ROL \$27

\$74A5 26 27 ROL \$27
\$74A7 26 27 ROL \$27
\$74A9 26 27 ROL \$27
\$74AB 26 27 ROL \$27
\$74AD 26 27 ROL \$27
\$74AF 26 27 ROL \$27
\$74B1 26 27 ROL \$27
\$74B3 26 27 ROL \$27
\$74B5 26 27 ROL \$27
\$74B7 26 27 ROL \$27
\$74B9 26 27 ROL \$27
\$74BB 26 27 ROL \$27
\$74BD 26 27 ROL \$27
\$74BF 26 27 ROL \$27
\$74C1 26 27 ROL \$27
\$74C3 26 66 ROL \$66
\$74C5 AE AE 66 LDX \$66AE
\$74C8 66 AE ROR \$AE
\$74CA AE 66 AE LDX \$AE66
\$74CD AE 66 AE LDX \$AE66
\$74D0 AE 66 66 LDX \$6666
\$74D3 AE AE 66 LDX \$66AE
\$74D6 66 AE ROR \$AE
\$74D8 AE 66 AE LDX \$AE66
\$74DB 66 66 ROR \$66
\$74DD 66 AE ROR \$AE
\$74DF AE 66 66 LDX \$6666
\$74E2 AE 66 AE LDX \$AE66
\$74E5 AE 66 66 LDX \$6666

\$74E8 AE AE 66 LDX \$66AE
\$74EB AE AE 66 LDX \$66AE
\$74EE 66 66 ROR \$66
\$74F0 AE AE 66 LDX \$66AE
\$74F3 AE AE 66 LDX \$66AE
\$74F6 66 AE ROR \$AE
\$74F8 AE 66 AE LDX \$AE66
\$74FB 66 AE ROR \$AE
\$74FD .byte \$AF
\$74FE 66 64 ROR \$64
\$7500 66 54 ROR \$54
\$7502 66 54 ROR \$54
\$7504 .byte \$54
\$7505 66 66 ROR \$66
\$7507 66 54 ROR \$54
\$7509 .byte \$54
\$750A 66 66 ROR \$66
\$750C 66 54 ROR \$54
\$750E .byte \$54
\$750F 66 66 ROR \$66
\$7511 66 54 ROR \$54
\$7513 .byte \$54
\$7514 66 66 ROR \$66
\$7516 66 66 ROR \$66
\$7518 .byte \$54,\$54
\$751A 66 66 ROR \$66
\$751C 66 66 ROR \$66
\$751E .byte \$54,\$54
\$7520 66 66 ROR \$66

\$7522 66 54 ROR \$54
\$7524 .byte \$54
\$7525 66 66 ROR \$66
\$7527 .byte \$54,\$54
\$7529 66 66 ROR \$66
\$752B .byte \$54,\$54
\$752D 66 66 ROR \$66
\$752F 66 66 ROR \$66
\$7531 .byte \$54,\$54
\$7533 66 66 ROR \$66
\$7535 .byte \$54,\$54
\$7537 66 66 ROR \$66
\$7539 .byte \$54,\$54
\$753B 66 66 ROR \$66
\$753D .byte \$54,\$54
\$753F 66 66 ROR \$66
\$7541 66 54 ROR \$54
\$7543 .byte \$54
\$7544 66 66 ROR \$66
\$7546 .byte \$54,\$54
\$7548 66 66 ROR \$66
\$754A .byte \$54,\$54
\$754C 66 66 ROR \$66
\$754E .byte \$54,\$54
\$7550 66 66 ROR \$66
\$7552 66 54 ROR \$54
\$7554 .byte \$54
\$7555 66 66 ROR \$66
\$7557 .byte \$54,\$54,\$54

\$755A 66 66 ROR \$66
\$755C .byte \$54,\$54
\$755E 66 66 ROR \$66
\$7560 .byte \$54,\$54
\$7562 66 66 ROR \$66
\$7564 66 66 ROR \$66
\$7566 .byte \$54,\$54,\$54,\$54,\$54,\$54
\$756C 66 54 ROR \$54
\$756E .byte \$54
\$756F 66 66 ROR \$66
\$7571 66 66 ROR \$66
\$7573 .byte \$54,\$54
\$7575 66 54 ROR \$54
\$7577 .byte \$54,\$54
\$7579 66 54 ROR \$54
\$757B .byte \$54
\$757C 66 54 ROR \$54
\$757E .byte \$54,\$54,\$54,\$54
\$7582 66 66 ROR \$66
\$7584 66 54 ROR \$54
\$7586 .byte \$54
\$7587 66 66 ROR \$66
\$7589 .byte \$54,\$54
\$758B 66 66 ROR \$66
\$758D .byte \$54,\$54
\$758F 66 66 ROR \$66
\$7591 66 54 ROR \$54
\$7593 .byte \$54,\$54
\$7595 66 66 ROR \$66

\$7597 66 66 ROR \$66
\$7599 .byte \$54,\$54
\$759B 66 66 ROR \$66
\$759D .byte \$54,\$54,\$54
\$75A0 29 29 AND #29
\$75A2 29 29 AND #29
\$75A4 29 29 AND #29
\$75A6 29 29 AND #29
\$75A8 29 29 AND #29
\$75AA 29 29 AND #29
\$75AC 29 29 AND #29
\$75AE 29 29 AND #29
\$75B0 29 29 AND #29
\$75B2 29 29 AND #29
\$75B4 29 29 AND #29
\$75B6 29 29 AND #29
\$75B8 29 29 AND #29
\$75BA 29 29 AND #29
\$75BC 29 29 AND #29
\$75BE 29 29 AND #29
\$75C0 29 29 AND #29
\$75C2 29 29 AND #29
\$75C4 .byte \$54,\$54
\$75C6 66 66 ROR \$66
\$75C8 66 54 ROR \$54
\$75CA .byte \$54
\$75CB 66 66 ROR \$66
\$75CD .byte \$54,\$54
\$75CF 66 54 ROR \$54

\$75D1 .byte \$54
\$75D2 66 66 ROR \$66
\$75D4 66 54 ROR \$54
\$75D6 .byte \$54,\$54
\$75D8 66 54 ROR \$54
\$75DA .byte \$54
\$75DB 66 54 ROR \$54
\$75DD .byte \$54
\$75DE 66 66 ROR \$66
\$75E0 66 54 ROR \$54
\$75E2 .byte \$54
\$75E3 66 66 ROR \$66
\$75E5 66 54 ROR \$54
\$75E7 .byte \$54,\$54
\$75E9 66 66 ROR \$66
\$75EB 66 66 ROR \$66
\$75ED .byte \$54,\$54
\$75EF 66 66 ROR \$66
\$75F1 66 66 ROR \$66
\$75F3 66 66 ROR \$66
\$75F5 .byte \$54,\$54,\$54
\$75F8 66 54 ROR \$54
\$75FA .byte \$54
\$75FB 66 66 ROR \$66
\$75FD .byte \$54,\$54,\$AF
\$7600 08 PHP
\$7601 08 PHP
\$7602 .byte \$02,\$02,\$0F
\$7605 08 PHP

\$7606 08 PHP
\$7607 .byte \$0F,\$0F,\$0F,\$0F,\$0F,\$0F,\$0F,\$0F
\$760F .byte \$0F,\$02,\$0F,\$0F
\$7613 08 PHP
\$7614 0A ASL A
\$7615 08 PHP
\$7616 .byte \$03,\$03,\$02
\$7619 08 PHP
\$761A 08 PHP
\$761B 08 PHP
\$761C 08 PHP
\$761D .byte \$0C
\$761E 08 PHP
\$761F .byte \$0C,\$0C,\$0C,\$0C,\$0C,\$02,\$02
\$7626 06 06 ASL \$06
\$7628 08 PHP
\$7629 06 08 ASL \$08
\$762B 08 PHP
\$762C 08 PHP
\$762D 08 PHP
\$762E 08 PHP
\$762F 08 PHP
\$7630 08 PHP
\$7631 08 PHP
\$7632 08 PHP
\$7633 08 PHP
\$7634 .byte \$0F
\$7635 08 PHP
\$7636 08 PHP

\$7637 08 PHP
\$7638 08 PHP
\$7639 08 PHP
\$763A 08 PHP
\$763B 08 PHP
\$763C 08 PHP
\$763D 08 PHP
\$763E 08 PHP
\$763F 08 PHP
\$7640 .byte \$0F,\$0F,\$0F,\$0F,\$0F
\$7645 08 PHP
\$7646 08 PHP
\$7647 08 PHP
\$7648 .byte \$0F,\$0F
\$764A 08 PHP
\$764B 08 PHP
\$764C .byte \$0F,\$0F,\$0F,\$0F
\$7650 08 PHP
\$7651 08 PHP
\$7652 08 PHP
\$7653 08 PHP
\$7654 .byte \$0F,\$0F,\$0F,\$0F,\$0F,\$0F,\$0F,\$0F
\$765C .byte \$0F,\$0F,\$0F,\$0F
\$7660 08 PHP
\$7661 08 PHP
\$7662 08 PHP
\$7663 08 PHP
\$7664 .byte \$0F,\$0F,\$0F,\$0F,\$0F,\$0F,\$0F
\$766B 08 PHP

\$766C .byte \$0F,\$0F,\$0F,\$0F

\$7670 08 PHP

\$7671 08 PHP

\$7672 08 PHP

\$7673 08 PHP

\$7674 08 PHP

\$7675 08 PHP

\$7676 08 PHP

\$7677 08 PHP

\$7678 08 PHP

\$7679 08 PHP

\$767A 08 PHP

\$767B 08 PHP

\$767C 08 PHP

\$767D 08 PHP

\$767E 08 PHP

\$767F 08 PHP

\$7680 08 PHP

\$7681 08 PHP

\$7682 08 PHP

\$7683 08 PHP

\$7684 08 PHP

\$7685 08 PHP

\$7686 08 PHP

\$7687 08 PHP

\$7688 08 PHP

\$7689 08 PHP

\$768A 08 PHP

\$768B 08 PHP

\$768C 08 PHP
\$768D 08 PHP
\$768E 08 PHP
\$768F 08 PHP
\$7690 08 PHP
\$7691 08 PHP
\$7692 08 PHP
\$7693 08 PHP
\$7694 .byte \$0F
\$7695 08 PHP
\$7696 08 PHP
\$7697 08 PHP
\$7698 08 PHP
\$7699 08 PHP
\$769A 08 PHP
\$769B 08 PHP
\$769C 08 PHP
\$769D 08 PHP
\$769E 08 PHP
\$769F 08 PHP
\$76A0 08 PHP
\$76A1 08 PHP
\$76A2 08 PHP
\$76A3 .byte \$0F
\$76A4 08 PHP
\$76A5 08 PHP
\$76A6 08 PHP
\$76A7 08 PHP
\$76A8 .byte \$0F,\$0F,\$0F

\$76AB 08 PHP
\$76AC 08 PHP
\$76AD .byte \$0F,\$0F,\$0F
\$76B0 01 01 ORA (\$01,X)
\$76B2 01 08 ORA (\$08,X)
\$76B4 08 PHP
\$76B5 08 PHP
\$76B6 08 PHP
\$76B7 08 PHP
\$76B8 08 PHP
\$76B9 08 PHP
\$76BA 08 PHP
\$76BB 08 PHP
\$76BC 08 PHP
\$76BD 01 01 ORA (\$01,X)
\$76BF 01 08 ORA (\$08,X)
\$76C1 08 PHP
\$76C2 08 PHP
\$76C3 08 PHP
\$76C4 .byte \$02,\$02,\$02,\$02,\$03
\$76C9 08 PHP
\$76CA 08 PHP
\$76CB 08 PHP
\$76CC 08 PHP
\$76CD 08 PHP
\$76CE 08 PHP
\$76CF 08 PHP
\$76D0 08 PHP
\$76D1 08 PHP

\$76D2 08 PHP
\$76D3 08 PHP
\$76D4 08 PHP
\$76D5 08 PHP
\$76D6 08 PHP
\$76D7 08 PHP
\$76D8 08 PHP
\$76D9 08 PHP
\$76DA .byte \$03
\$76DB 08 PHP
\$76DC 08 PHP
\$76DD 08 PHP
\$76DE 08 PHP
\$76DF 08 PHP
\$76E0 08 PHP
\$76E1 08 PHP
\$76E2 08 PHP
\$76E3 08 PHP
\$76E4 08 PHP
\$76E5 08 PHP
\$76E6 08 PHP
\$76E7 08 PHP
\$76E8 08 PHP
\$76E9 .byte \$0F
\$76EA 08 PHP
\$76EB 08 PHP
\$76EC 08 PHP
\$76ED 08 PHP
\$76EE 08 PHP

\$76EF 08 PHP
\$76F0 08 PHP
\$76F1 08 PHP
\$76F2 08 PHP
\$76F3 08 PHP
\$76F4 08 PHP
\$76F5 08 PHP
\$76F6 08 PHP
\$76F7 08 PHP
\$76F8 08 PHP
\$76F9 08 PHP
\$76FA 08 PHP
\$76FB 08 PHP
\$76FC 08 PHP
\$76FD 08 PHP
\$76FE 08 PHP
\$76FF 08 PHP
\$7700 .byte \$07
\$7701 09 0F ORA #0F
\$7703 .byte \$0F,\$02,\$00,\$0C
\$7707 01 07 ORA (\$07,X)
\$7709 .byte \$0F,\$00,\$0F,\$0F,\$0F
\$770E 01 01 ORA (\$01,X)
\$7710 .byte \$00,\$00,\$00,\$00
\$7714 09 0F ORA #0F
\$7716 .byte \$0B,\$0C,\$00,\$00,\$00
\$771B 09 09 ORA #09
\$771D .byte \$00,\$00,\$0C,\$0C,\$0C,\$00
\$7723 01 09 ORA (\$09,X)

\$7725 .byte \$00,\$00,\$00,\$00,\$00,\$0F,\$0F,\$00
\$772D .byte \$0C,\$0C,\$00,\$0F
\$7731 09 08 ORA #08
\$7733 08 PHP
\$7734 08 PHP
\$7735 08 PHP
\$7736 08 PHP
\$7737 08 PHP
\$7738 08 PHP
\$7739 .byte \$64,\$64
\$773B 2E 08 2E ROL \$2E08
\$773E 2D 08 2D AND \$2D08
\$7741 2E 00 0C ROL \$0C00
\$7744 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00
\$774B 2E 02 0C ROL \$0C02
\$774E .byte \$0C,\$0C,\$0C
\$7751 0D 03 2E ORA \$2E03
\$7754 .byte \$0F,\$0F,\$0C
\$7757 0D 0F 0F ORA \$0F0F
\$775A .byte \$0C
\$775B 01 2D ORA (\$2D,X)
\$775D 2E 2D 08 ROL \$082D
\$7760 2D 2E 2D AND \$2D2E
\$7763 2E 0B 2E ROL \$2E0B
\$7766 .byte \$32
\$7767 01 32 ORA (\$32,X)
\$7769 09 2D ORA #2D
\$776B 2E 0C 0C ROL \$0C0C
\$776E 08 PHP

\$776F 08 PHP
\$7770 .byte \$00,\$0C
\$7772 01 08 ORA (\$08,X)
\$7774 .byte \$00,\$00,\$00,\$00,\$00,\$00
\$777A 01 01 ORA (\$01,X)
\$777C .byte \$00,\$00,\$00,\$00
\$7780 01 01 ORA (\$01,X)
\$7782 01 01 ORA (\$01,X)
\$7784 .byte \$00,\$00
\$7786 09 00 ORA # \$00
\$7788 01 01 ORA (\$01,X)
\$778A 01 01 ORA (\$01,X)
\$778C 01 01 ORA (\$01,X)
\$778E 01 01 ORA (\$01,X)
\$7790 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7798 .byte \$02,\$02,\$02,\$02,\$02,\$02,\$02,\$02
\$77A0 .byte \$02,\$02
\$77A2 01 01 ORA (\$01,X)
\$77A4 .byte \$00,\$0F,\$0F,\$0F
\$77A8 01 01 ORA (\$01,X)
\$77AA 01 01 ORA (\$01,X)
\$77AC .byte \$00
\$77AD 01 00 ORA (\$00,X)
\$77AF 01 0C ORA (\$0C,X)
\$77B1 .byte \$0C,\$0C
\$77B3 01 0C ORA (\$0C,X)
\$77B5 01 01 ORA (\$01,X)
\$77B7 01 0C ORA (\$0C,X)
\$77B9 .byte \$0C

\$77BA 01 01 ORA (\$01,X)
\$77BC .byte \$0C,\$0C
\$77BE 01 0C ORA (\$0C,X)
\$77C0 .byte \$0C,\$0C,\$00,\$0C,\$0B,\$0C,\$0B,\$00
\$77C8 .byte \$0C,\$0C
\$77CA 08 PHP
\$77CB 08 PHP
\$77CC 01 01 ORA (\$01,X)
\$77CE 01 01 ORA (\$01,X)
\$77D0 01 01 ORA (\$01,X)
\$77D2 01 01 ORA (\$01,X)
\$77D4 01 06 ORA (\$06,X)
\$77D6 06 06 ASL \$06
\$77D8 01 01 ORA (\$01,X)
\$77DA 01 01 ORA (\$01,X)
\$77DC .byte \$0B,\$0C,\$00,\$00,\$0B,\$0C
\$77E2 01 01 ORA (\$01,X)
\$77E4 09 09 ORA # \$09
\$77E6 .byte \$0B,\$0C
\$77E8 08 PHP
\$77E9 .byte \$0C
\$77EA 2D 02 07 AND \$0702
\$77ED .byte \$07,\$07,\$0F
\$77F0 01 01 ORA (\$01,X)
\$77F2 01 09 ORA (\$09,X)
\$77F4 09 09 ORA # \$09
\$77F6 09 6C ORA # \$6C
\$77F8 71 0B ADC (\$0B),Y
\$77FA .byte \$0C,\$0B,\$0C,\$0B,\$32,\$33,\$0B

\$7801 15 0C ORA \$0C,X
\$7803 .byte \$0B,\$0B,\$0C,\$0B,\$0C,\$0F,\$0C,\$0B
\$780B .byte \$0B,\$0B,\$0B,\$0B,\$0B,\$0B,\$0B
\$7812 0E 0E 0E ASL \$0E0E
\$7815 0E 0E 0E ASL \$0E0E
\$7818 0E 0E 0B ASL \$0B0E
\$781B .byte \$0C
\$781C 09 08 ORA # \$08
\$781E .byte \$02,\$1C
\$7820 0E 0E 0E ASL \$0E0E
\$7823 0E 0E 0E ASL \$0E0E
\$7826 0E 0E 0F ASL \$0F0E
\$7829 .byte \$0C,\$0F,\$0F,\$0F,\$0F,\$0C,\$0C,\$0B
\$7831 .byte \$0C,\$0B,\$0C,\$02,\$02,\$02,\$02,\$02
\$7839 .byte \$02,\$02,\$02,\$02,\$02,\$02,\$02,\$02
\$7841 .byte \$02
\$7842 09 0F ORA # \$0F
\$7844 08 PHP
\$7845 08 PHP
\$7846 08 PHP
\$7847 08 PHP
\$7848 08 PHP
\$7849 08 PHP
\$784A 08 PHP
\$784B .byte \$0B,\$0C,\$0B,\$0C
\$784F 08 PHP
\$7850 08 PHP
\$7851 08 PHP
\$7852 08 PHP

\$7853 .byte \$02,\$0B
\$7855 0E 02 02 ASL \$0202
\$7858 0E 0E 09 ASL \$090E
\$785B 08 PHP
\$785C .byte \$02,\$0C,\$0C,\$0C,\$0C,\$0C,\$0C,\$0F
\$7864 .byte \$0F,\$0C,\$0C,\$0C,\$02,\$0C,\$0C,\$0C
\$786C .byte \$0C,\$0C,\$0C,\$0C,\$0C,\$0C,\$0B,\$0F
\$7874 .byte \$07,\$07,\$07,\$00,\$07,\$07,\$07,\$07
\$787C .byte \$07,\$07,\$0C,\$0C,\$0C,\$0C,\$0C,\$0C
\$7884 .byte \$0C,\$0C,\$0F,\$0B,\$0F
\$7889 0E 0E 0E ASL \$0E0E
\$788C 0E 0E 0E ASL \$0E0E
\$788F 0E 0E 0E ASL \$0E0E
\$7892 0E 0E 0E ASL \$0E0E
\$7895 0E 0E 0E ASL \$0E0E
\$7898 .byte \$0C,\$0B,\$0C,\$0B,\$0C,\$02,\$02,\$02
\$78A0 .byte \$0C,\$0C,\$0B,\$0B,\$0C,\$0C
\$78A6 0E 0E 0E ASL \$0E0E
\$78A9 0E 0E 0C ASL \$0C0E
\$78AC .byte \$0C,\$0C,\$0B,\$02,\$02,\$02
\$78B2 09 08 ORA # \$08
\$78B4 .byte \$0F,\$0C,\$0F,\$0C,\$02,\$1C
\$78BA 1D 02 0B ORA \$0B02,X
\$78BD .byte \$0B,\$02,\$0B,\$0B,\$02,\$0B,\$02,\$0B
\$78C5 .byte \$0B,\$0B,\$02,\$0B,\$0B,\$82,\$83,\$02
\$78CD .byte \$0B,\$0B,\$0B,\$0F,\$0F,\$0F,\$0F,\$0C
\$78D5 .byte \$0C,\$02,\$02,\$02,\$0B,\$02,\$02,\$02
\$78DD .byte \$02,\$02,\$0B,\$0B,\$0B,\$0B,\$02,\$0B
\$78E5 .byte \$0B,\$02,\$0B,\$0B,\$0B,\$0B,\$0B

```
$78EC 08    PHP
$78ED 08    PHP
$78EE 08    PHP
$78EF 08    PHP
$78F0 08    PHP
$78F1 08    PHP
$78F2 08    PHP
$78F3 08    PHP
$78F4 08    PHP
$78F5 08    PHP
$78F6 08    PHP
$78F7 08    PHP
$78F8      .byte $03,$03,$0B,$0C,$0C
$78FD 19 15 0C  ORA $0C15,Y
$7900      .byte $00,$00,$00,$03,$04
$7905 05 06   ORA $06
$7907      .byte $07
$7908 08     PHP
$7909 09 0A   ORA #0A
$790B      .byte $0B,$0C
$790D 0D 0E 0F  ORA $0F0E
$7910 10 11   BPL L_BRS_($7923)_($7910) JAM
$7912      .byte $12,$13,$14
$7915 15 16   ORA $16,X
$7917      .byte $17
$7918 18     CLC
$7919      .byte $00,$00,$00,$00,$00,$00,$00,$00
//-----
L_BRS_($7923)_($7910) JAM
```

```
//-----  
$7921      .byte $00,$00,$00,$00,$00,$00,$00,$00  
$7929      .byte $00,$22,$23  
$792C 24 25  BIT $25  
$792E 26 27  ROL $27  
$7930 28     PLP  
$7931 29 2A  AND #$2A  
$7933      .byte $2B  
$7934 2C 2D 2E BIT $2E2D  
$7937      .byte $2F  
$7938 30 31  BMI L_BRS_($796B)_($7938) JAM  
$793A      .byte $32,$33,$34  
$793D 35 36  AND $36,X  
$793F      .byte $37  
$7940 38     SEC  
$7941      .byte $00,$00,$00,$00,$00,$00,$00,$00  
$7949      .byte $00,$00,$00,$00,$00,$00,$00,$00  
$7951      .byte $00  
$7952 41 42  EOR ($42,X)  
$7954      .byte $43,$44  
$7956 45 46  EOR $46  
$7958      .byte $47  
$7959 48     PHA  
$795A 49 4A  EOR #$4A  
$795C      .byte $4B  
$795D 4C 4D 4E JMP L_JMP_($4E4D)_($795D) BAD  
$7960      .byte $4F  
$7961 50 51  BVC L_BRS_($79B4)_($7961) JAM  
$7963      .byte $52,$53,$00,$00,$00,$00,$00,$00
```

```

//-----
L_BRS_($796B)_($7938) JAM
//-----
$796B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7973      .byte $00,$00,$00,$00,$00,$00,$00
$797A 60    RTS
//-----
$797B 61 62  ADC ($62,X)
$797D      .byte $63,$64
$797F 65 66  ADC $66
$7981      .byte $67,$00,$00,$00,$00,$00,$00
$7988 5E 5F 00 LSR $005F,X
$798B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7993      .byte $00,$00,$00,$00,$00,$00,$00,$00
$799B      .byte $00,$00,$00,$00,$00,$00,$54
$79A2 55 56  EOR $56,X
$79A4      .byte $57
$79A5 58    CLI
$79A6      .byte $00,$00,$00,$00,$00,$00,$00,$00
//-----
L_BRS_($79B4)_($7961) JAM
//-----
$79AE      .byte $00,$00,$00,$00,$00,$00,$00,$00
$79B6      .byte $00,$00,$00,$00,$00,$00,$00,$00
$79BE      .byte $00,$00,$00,$00,$00,$00,$00,$00
$79C6      .byte $00,$00,$00,$5A,$5B,$5C,$00,$00
$79CE      .byte $00,$00,$00,$00,$00,$00,$00,$00
$79D6      .byte $00,$00,$00,$00,$00,$00,$00,$00
$79DE      .byte $00,$00,$00,$00,$00,$00,$00,$00

```

```

$79E6      .byte $00,$00,$00,$00,$00,$00,$00,$00
$79EE      .byte $00,$00,$00,$00,$00,$00,$00,$00
$79F6      .byte $00,$00,$00,$00,$00,$00,$00,$00
$79FE      .byte $00,$00
//-----
L_JMP_($7A00)_($C6F7) OK
//-----
$7A00 4C 5C 7D JMP L_JMP_($7D5C)_($7A00) BAD
$7A03      .byte $00
$7A04 01 00  ORA ($00,X)
$7A06 0A     ASL A
$7A07      .byte $00,$0C
$7A09 01 0E  ORA ($0E,X)
$7A0B 0E 0F 00 ASL $00F
$7A0E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7A16      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7A1E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7A26      .byte $00,$00,$00
$7A29 01 00  ORA ($00,X)
$7A2B      .byte $3A
$7A2C 05 07  ORA $07
$7A2E      .byte $00,$00,$D2,$00,$00,$D2,$00,$00
$7A36      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7A3E      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7A45 2D 00 0C AND $0C00
$7A48 26 0E  ROL $0E
$7A4A      .byte $00
$7A4B FE 00 00 INC $0000,X
$7A4E      .byte $00

```



```

$7A4F 08    PHP
$7A50      .byte $00,$00,$00
$7A53 08    PHP
$7A54      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7A5C      .byte $00,$00,$00,$00,$00,$00
$7A62 71 00  ADC ($00),Y
$7A64      .byte $42,$00
$7A66 EC AC 4C CPX $4CAC
$7A69 30 04  BMI L_BRS_($7A6F)_($7A69) JAM
//-----
L_BRS_($7A6F)_($7A69) JAM
//-----
$7A6B      .byte $04,$04,$03,$03,$03,$02,$02,$02
$7A73      .byte $00,$00,$00,$00,$02,$02,$02,$03
$7A7B      .byte $03,$03,$04,$04,$02,$3F
$7A81 AC 66 01 LDY $0166
$7A84 01 01  ORA ($01,X)
$7A86 01 02  ORA ($02,X)
$7A88      .byte $02
$7A89 01 01  ORA ($01,X)
$7A8B      .byte $00,$00,$00
$7A8E 08    PHP
$7A8F      .byte $04,$0C,$02
$7A92 0A    ASL A
$7A93 06 0E  ASL $0E
$7A95 01 09  ORA ($09,X)
$7A97 05 0D  ORA $0D
$7A99      .byte $03,$0B,$07,$0F
$7A9D 10 18  BPL L_BRS_($7AB7)_($7A9D) OK

```

```

$7A9F      .byte $14,$1C,$12,$1A
$7AA3 16 1E  ASL $1E,X
$7AA5 11 19  ORA ($19),Y
//-----
L_JSR_($7AA8)_($2CE9) BAD
//-----
$7AA7 15 1D  ORA $1D,X
$7AA9      .byte $13,$1B,$17,$1F,$00,$00,$00,$02
$7AB1      .byte $02,$02,$02
$7AB4 36 37  ROL $37,X
$7AB6 38     SEC
//-----
L_BRS_($7AB7)_($7A9D) OK
//-----
$7AB7 39 3A 3B AND $3B3A,Y
$7ABA      .byte $02,$02,$02,$02,$02,$02,$02,$02
$7AC2      .byte $02,$02,$02,$02,$02,$02,$02,$02
$7ACA      .byte $02,$02,$02,$02,$02,$02,$02,$02
$7AD2      .byte $02
$7AD3 41 3C  EOR ($3C,X)
$7AD5 3D 3E 3F AND $3F3E,X
$7AD8 40     RTI
//-----
$7AD9      .byte $02,$02,$02,$02,$02,$02,$02,$02
$7AE1      .byte $02,$02,$02,$02,$02,$02,$02,$02
$7AE9 36 37  ROL $37,X
$7AEB 38     SEC
$7AEC 39 3A 3B AND $3B3A,Y
$7AEF      .byte $02,$02,$02,$02,$02,$02,$02,$02

```

```

$7AF7      .byte $02,$02,$02,$02,$02,$02,$02,$02
$7AFF 36 37  ROL $37,X
$7B01 38     SEC
$7B02      .byte $43,$02,$02,$02,$02,$02
$7B08 41 3C  EOR ($3C,X)
$7B0A 3D 3E 3F AND $3F3E,X
$7B0D 40     RTI
//-----
$7B0E      .byte $02,$02,$02,$02,$02,$02,$02,$02
$7B16      .byte $02,$02,$02,$02,$02,$02,$02,$02
$7B1E 45 3C  EOR $3C
$7B20 3D 3E 42 AND $423E,X
$7B23      .byte $44,$02,$02,$02,$02,$02,$02,$02
$7B2B      .byte $02,$02,$02,$02,$02,$00,$00,$00
$7B33      .byte $00
$7B34 30 30  BMI L_BRS_($7B66)_($7B34) BAD
$7B36 30 30  BMI L_BRS_($7B68)_($7B36) BAD
$7B38 30 30  BMI L_BRS_($7B6A)_($7B38) BAD
$7B3A FE 00 FD INC $FD00,X
$7B3D      .byte $00,$FB,$00,$F7,$00,$EF,$00,$DF
$7B45      .byte $00,$BF,$00,$7F,$00
$7B4A 01 00  ORA ($00,X)
$7B4C      .byte $02,$00,$04,$00
$7B50 08     PHP
$7B51      .byte $00
$7B52 10 00  BPL L_BRS_($7B54)_($7B52) OK
//-----
L_BRS_($7B54)_($7B52) OK
//-----

```

```

$7B54 20 00 40 JSR L_JSR_($4000)_($7B54) OK
$7B57      .byte $00,$80,$00
$7B5A 31 00  AND ($00),Y
$7B5C      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7B64 78    SEI
//-----
L_BRS_($7B66)_($7B34) BAD
L_BRS_($7B66)_($7B74) BAD
//-----
$7B65 01 78  ORA ($78,X)
//-----
L_BRS_($7B68)_($7B36) BAD
//-----
$7B67 01 B4  ORA ($B4,X)
//-----
L_BRS_($7B6A)_($7B38) BAD
//-----
$7B69 01 FF  ORA ($FF,X)
$7B6B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7B73      .byte $00
$7B74 F0 F0  BEQ L_BRS_($7B66)_($7B74) BAD
$7B76 05 F1  ORA $F1
$7B78 D6 00  DEC $00,X
$7B7A 08    PHP
$7B7B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7B83      .byte $00,$04,$00,$00,$00,$00,$00,$00
$7B8B      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7B93      .byte $00,$00,$00,$00,$00,$00,$00,$00
$7B9B      .byte $00,$00,$00,$00,$00,$00,$00,$00

```

\$7BA3 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$6B
\$7BAB .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7BB3 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7BBB .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7BC3 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7BCB .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7BD3 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7BDB .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7BE3 .byte \$00,\$00,\$00,\$00,\$00,\$00,\$00,\$00
\$7BEB .byte \$00
\$7BEC 01 00 ORA (\$00,X)
\$7BEE .byte \$00,\$00
\$7BF0 01 00 ORA (\$00,X)
\$7BF2 .byte \$00,\$00
\$7BF4 01 00 ORA (\$00,X)
\$7BF6 01 00 ORA (\$00,X)
\$7BF8 .byte \$00,\$00
\$7BFA BC 00 06 LDY \$0600,X
\$7BFD 01 01 ORA (\$01,X)
\$7BFF 01 E2 ORA (\$E2,X)
\$7C01 .byte \$D4,\$E2,\$D4,\$00,\$DA
\$7C06 BC D3 C9 LDY \$C9D3,X
\$7C09 .byte \$D3
\$7C0A BC E1 CB LDY \$CBE1,X
\$7C0D E1 00 SBC (\$00,X)
\$7C0F .byte \$00,\$A7
\$7C11 A8 TAY
\$7C12 A5 A0 LDA \$A0
\$7C14 A1 A3 LDA (\$A3,X)

```
$7C16 A2 00 LDX #00
$7C18 08 PHP
$7C19 .byte $02,$04
$7C1B 01 01 ORA ($01,X)
$7C1D 01 01 ORA ($01,X)
$7C1F 01 0A ORA ($0A,X)
$7C21 0A ASL A
$7C22 .byte $0F,$07,$00
$7C25 0E 0B 0C ASL $0C0B
$7C28 0A ASL A
$7C29 0A ASL A
$7C2A .byte $0F,$07,$0F
$7C2D 0E 0F 0C ASL $0C0F
$7C30 01 01 ORA ($01,X)
$7C32 01 01 ORA ($01,X)
$7C34 0E 0E 0E ASL $0E0E
$7C37 .byte $00,$00
$7C39 C0 EB CPY #EB
$7C3B 40 RTI
//-----
$7C3C EC C0 EC CPX $ECC0
$7C3F 40 RTI
//-----
$7C40 EC 40 ED CPX $ED40
$7C43 40 RTI
//-----
$7C44 EE C0 EE INC $EECO
$7C47 40 RTI
//-----
```

```
$7C48      .byte $EF
$7C49 C0 EE  CPY # $EE
$7C4B C0 EF  CPY # $EF
$7C4D 40     RTI
//-----
$7C4E F1 40  SBC ($40),Y
$7C50 F1 40  SBC ($40),Y
$7C52 F1 40  SBC ($40),Y
$7C54 F1 40  SBC ($40),Y
$7C56 F1 C0  SBC ($C0),Y
$7C58 F1 C0  SBC ($C0),Y
$7C5A F1 C0  SBC ($C0),Y
$7C5C F1 C0  SBC ($C0),Y
$7C5E F1 C0  SBC ($C0),Y
$7C60 F1 C0  SBC ($C0),Y
$7C62      .byte $FA
$7C63 C0 FA  CPY # $FA
$7C65 C0 FA  CPY # $FA
$7C67 40     RTI
//-----
$7C68      .byte $FB
$7C69 40     RTI
//-----
$7C6A      .byte $FB,$80
$7C6C C0 80  CPY # $80
$7C6E C0 80  CPY # $80
$7C70 C0 80  CPY # $80
$7C72 C0 80  CPY # $80
$7C74 C0 40  CPY # $40
```

```

$7C76      .byte $FA
$7C77 40   RTI
//-----
$7C78      .byte $FA
$7C79 40   RTI
//-----
$7C7A      .byte $FA
$7C7B 40   RTI
//-----
$7C7C      .byte $FA
$7C7D 40   RTI
//-----
$7C7E      .byte $FA
$7C7F 40   RTI
//-----
$7C80      .byte $F8
$7C81 C0 F8   CPY #F8
$7C83 40   RTI
//-----
$7C84 F9 C0 F8 SBC $F8C0,Y
$7C87 40   RTI
//-----
$7C88      .byte $F8,$00
$7C8A EC 80 EC CPX $EC80
$7C8D      .byte $00
$7C8E ED 80 EC SBC $EC80
$7C91      .byte $80
$7C92 ED 80 EE SBC $EE80
$7C95      .byte $00,$EF,$80,$EF,$00,$EF,$00

```



```
$7C9C F0 00 BEQ L_BRS_($7C9E)_($7C9C) OK
//-----
L_BRS_($7C9E)_($7C9C) OK
//-----
$7C9E C0 00 CPY # $00
$7CA0 C0 00 CPY # $00
$7CA2 C0 00 CPY # $00
$7CA4 C0 00 CPY # $00
$7CA6 C0 00 CPY # $00
$7CA8 .byte $F2,$00,$F2,$00,$F2,$00,$F2,$00
$7CB0 .byte $F2,$00,$FB,$00,$FB,$00,$FB,$80
$7CB8 .byte $FB,$80,$FB,$00,$00,$00,$00,$00
$7CC0 .byte $00,$00,$00,$00,$00,$80,$FA,$80
$7CC8 .byte $FA,$80,$FA,$80,$FA,$80,$FA,$80
$7CD0 .byte $F8,$00
$7CD2 F9 80 F9 SBC $F980,Y
$7CD5 .byte $00
$7CD6 F9 80 F8 SBC $F880,Y
$7CD9 C0 E7 CPY # $E7
$7CDB C0 E7 CPY # $E7
$7CDD C0 E7 CPY # $E7
$7CDF C0 E7 CPY # $E7
$7CE1 C0 E7 CPY # $E7
$7CE3 C0 F0 CPY # $F0
$7CE5 C0 F0 CPY # $F0
$7CE7 .byte $00
$7CE8 F1 00 SBC ($00),Y
$7CEA F1 00 SBC ($00),Y
$7CEC F1 C0 SBC ($C0),Y
```

\$7CEE C0 C0 CPY # \$C0
\$7CF0 C0 C0 CPY # \$C0
\$7CF2 C0 C0 CPY # \$C0
\$7CF4 C0 C0 CPY # \$C0
\$7CF6 C0 C0 CPY # \$C0
\$7CF8 C0 C0 CPY # \$C0
\$7CFA C0 C0 CPY # \$C0
\$7CFC C0 C0 CPY # \$C0
\$7CFE C0 C0 CPY # \$C0
\$7D00 C0 C0 CPY # \$C0
\$7D02 C0 C0 CPY # \$C0
\$7D04 C0 C0 CPY # \$C0
\$7D06 C0 C0 CPY # \$C0
\$7D08 C0 C0 CPY # \$C0
\$7D0A C0 C0 CPY # \$C0
\$7D0C C0 C0 CPY # \$C0
\$7D0E C0 C0 CPY # \$C0
\$7D10 C0 C0 CPY # \$C0
\$7D12 C0 C0 CPY # \$C0
\$7D14 C0 40 CPY # \$40
\$7D16 EC 40 EC CPX \$EC40
\$7D19 40 RTI
//-----
\$7D1A EC 40 EC CPX \$EC40
\$7D1D 40 RTI
//-----
L_BRS_(\$7D20)_(\$7D32) BAD
//-----
\$7D1E EC 00 D0 CPX \$D000

```

$7D21 01 01  ORA ($01,X)
$7D23 01 01  ORA ($01,X)
$7D25 01 01  ORA ($01,X)
$7D27 01 01  ORA ($01,X)
$7D29 01 01  ORA ($01,X)
$7D2B      .byte $00,$00,$00
$7D2E A8    TAY
$7D2F E0 65  CPX # $65
$7D31      .byte $64
$7D32 B0 EC  BCS L_BRS_($7D20)_($7D32) BAD
$7D34      .byte $00
$7D35 95 00  STA $00,X
$7D37 10 5E  BPL L_BRS_($7D97)_($7D37) BAD
$7D39      .byte $67,$00
$7D3B 40    RTI
//-----
$7D3C      .byte $74,$F2,$00,$F7
$7D40 01 01  ORA ($01,X)
$7D42 01 02  ORA ($02,X)
$7D44      .byte $02,$02,$02,$02,$02
$7D49 0A    ASL A
$7D4A 0A    ASL A
$7D4B 08    PHP
$7D4C 08    PHP
$7D4D 09 09  ORA # $09
$7D4F      .byte $0F,$0F,$0C,$0C,$0B,$0B,$00,$00
$7D57      .byte $00,$00,$00,$07
//-----
L_JMP_($7D5C)_($7A00) BAD

```

```

//-----
$7D5B 01 A9  ORA ($A9,X)
$7D5D      .byte $00
$7D5E 8D 2D 7D STA $7D2D
$7D61 8D 0D B8 STA $B80D
$7D64 8D 5F 7A STA $7A5F
$7D67 A9 36  LDA #$36
$7D69 85 01  STA $01
$7D6B A9 00  LDA #$00
$7D6D 8D 49 98 STA $9849
$7D70 8D D3 7F STA $7FD3
$7D73 20 4F 80 JSR L_JSR_($804F)_($7D73) OK
$7D76 AD 04 7A LDA $7A04
$7D79 D0 0A  BNE L_BRS_($7D85)_($7D79) OK
$7D7B A0 4F  LDY #$4F
$7D7D 20 D1 B8 JSR $B8D1
$7D80 A9 01  LDA #$01
$7D82 8D 0D B8 STA $B80D
//-----
L_BRS_($7D85)_($7D79) OK
L_JMP_($7D85)_($7EDE) OK
L_JMP_($7D85)_($8F0C) OK
//-----
$7D85 A9 00  LDA #$00
$7D87 D0 10  BNE L_BRS_($7D99)_($7D87) OK
$7D89 A9 00  LDA #$00
$7D8B 8D 2D 7D STA $7D2D
$7D8E A9 00  LDA #$00
$7D90 8D 5F 7A STA $7A5F

```

```
$7D93 20 0F B8 JSR $B80F
//-----
L_BRS_($7D97)_($7D37) BAD
//-----
$7D96 20 6E 97 JSR L_JSR_($976E)_($7D96) OK
//-----
L_BRS_($7D99)_($7D87) OK
//-----
$7D99 A9 36 LDA #$36
$7D9B 85 01 STA $01
$7D9D A2 A0 LDX #$A0
//-----
L_BRS_($7D9F)_($7DA8) OK
//-----
$7D9F A9 07 LDA #$07
$7DA1 9D 80 DA STA $DA80,X
$7DA4 9D 20 DB STA $DB20,X
$7DA7 CA DEX
$7DA8 D0 F5 BNE L_BRS_($7D9F)_($7DA8) OK
$7DAA A2 05 LDX #$05
//-----
L_BRS_($7DAC)_($7DB7) OK
//-----
$7DAC A9 01 LDA #$01
$7DAE 9D 51 DB STA $DB51,X
$7DB1 A9 02 LDA #$02
$7DB3 9D 79 DB STA $DB79,X
$7DB6 CA DEX
$7DB7 10 F3 BPL L_BRS_($7DAC)_($7DB7) OK
```

\$7DB9 A9 01 LDA #\$01
\$7DBB 8D 59 DB STA \$DB59
\$7DBE 8D 81 DB STA \$DB81
\$7DC1 A9 E2 LDA #E2
\$7DC3 8D 76 C3 STA \$C376
\$7DC6 A9 05 LDA #\$05
\$7DC8 8D 76 DB STA \$DB76
\$7DCB A9 00 LDA #\$00
\$7DCD 20 38 02 JSR \$0238
\$7DD0 8D 30 7B STA \$7B30
\$7DD3 8D 31 7B STA \$7B31
//-----
L_JMP_(\$7DD6)_(\$8F29) OK
//-----
\$7DD6 A9 36 LDA #\$36
\$7DD8 85 01 STA \$01
\$7DDA A9 00 LDA #\$00
\$7DDC 8D 48 AC STA \$AC48
\$7DDF 8D 55 AC STA \$AC55
\$7DE2 AD 60 7A LDA \$7A60
\$7DE5 20 92 91 JSR L_JSR_(\$9192)_(\$7DE5) OK
\$7DE8 A9 07 LDA #\$07
\$7DEA 8D 6B 81 STA \$816B
\$7DED 20 4F 80 JSR L_JSR_(\$804F)_(\$7DED) OK
\$7DF0 A9 00 LDA #\$00
\$7DF2 20 56 AC JSR \$AC56
\$7DF5 20 30 B9 JSR \$B930
\$7DF8 AE 2D 7D LDX \$7D2D
\$7DFB E0 02 CPX #\$02

```
$7DFD D0 06 BNE L_BRS_($7E05)_($7DFD) OK
$7DFF 20 2E B5 JSR $B52E
$7E02 4C 57 7E JMP L_JMP_($7E57)_($7E02) OK
//-----
L_BRS_($7E05)_($7DFD) OK
//-----
$7E05 BD 3C 7D LDA $7D3C,X
$7E08 85 FE STA $FE
$7E0A BD 38 7D LDA $7D38,X
$7E0D 85 FF STA $FF
$7E0F BD 32 7D LDA $7D32,X
$7E12 A0 00 LDY #$00
$7E14 91 FE STA ($FE),Y
$7E16 C8 INY
$7E17 18 CLC
$7E18 69 01 ADC #$01
$7E1A 91 FE STA ($FE),Y
$7E1C 48 PHA
$7E1D 18 CLC
$7E1E A5 FE LDA $FE
$7E20 7D 9D B1 ADC $B19D,X
$7E23 85 FE STA $FE
$7E25 A5 FF LDA $FF
$7E27 7D A1 B1 ADC $B1A1,X
$7E2A 85 FF STA $FF
$7E2C A0 00 LDY #$00
$7E2E 68 PLA
$7E2F 18 CLC
$7E30 69 01 ADC #$01
```

```

$7E32 91 FE STA ($FE),Y
$7E34 C8 INY
$7E35 E0 01 CPX #01
$7E37 D0 05 BNE L_BRS_($7E3E)_($7E37) OK
$7E39 18 CLC
$7E3A 69 01 ADC #01
$7E3C 91 FE STA ($FE),Y
//-----
L_BRS_($7E3E)_($7E37) OK
//-----
$7E3E AD 5F 7A LDA $7A5F
$7E41 D0 14 BNE L_BRS_($7E57)_($7E41) OK
$7E43 E0 00 CPX #00
$7E45 F0 0A BEQ L_BRS_($7E51)_($7E45) OK
$7E47 C8 INY
$7E48 18 CLC
$7E49 69 01 ADC #01
$7E4B 91 FE STA ($FE),Y
$7E4D E0 03 CPX #03
$7E4F F0 06 BEQ L_BRS_($7E57)_($7E4F) OK
//-----
L_BRS_($7E51)_($7E45) OK
//-----
$7E51 BD 30 7D LDA $7D30,X
$7E54 20 B0 A8 JSR $A8B0
//-----
L_JMP_($7E57)_($7E02) OK
L_BRS_($7E57)_($7E41) OK
L_BRS_($7E57)_($7E4F) OK

```



```

//-----
$7E57 A2 F0 LDX #$F0
$7E59 8E 59 C3 STX $C359
$7E5C E8 INX
$7E5D 8E 81 C3 STX $C381
$7E60 A9 07 LDA #$07
$7E62 8D 33 DB STA $DB33
$7E65 8D 5B DB STA $DB5B
//-----
L_JMP_($7E68)_($7EC1) OK
L_JMP_($7E68)_($8EC0) OK
L_JMP_($7E68)_($8ECD) OK
//-----
$7E68 AD 3C 7F LDA $7F3C
$7E6B F0 03 BEQ L_BRS_($7E70)_($7E6B) OK
$7E6D 4C E7 7E JMP L_JMP_($7EE7)_($7E6D) OK
//-----
L_BRS_($7E70)_($7E6B) OK
L_BRS_($7E70)_($7E72) OK
L_JMP_($7E70)_($7EE4) OK
//-----
$7E70 A9 00 LDA #$00
$7E72 D0 FC BNE L_BRS_($7E70)_($7E72) OK
$7E74 A9 01 LDA #$01
$7E76 8D 71 7E STA $7E71
$7E79 20 D2 7F JSR L_JSR_($7FD2)_($7E79) OK
$7E7C 20 6F 9D JSR L_JSR_($9D6F)_($7E7C) OK
$7E7F 20 69 8B JSR L_JSR_($8B69)_($7E7F) OK
$7E82 20 BC 7F JSR L_JSR_($7FBC)_($7E82) OK

```

```

//-----
L_JMP_($7E85)_($7F38) OK
//-----
$7E85 AD 76 C3 LDA $C376
$7E88 C9 DD   CMP #$DD
$7E8A F0 38   BEQ L_BRS_($7EC4)_($7E8A) OK
$7E8C 20 37 84 JSR L_JSR_($8437)_($7E8C) BAD
$7E8F 20 B9 B3 JSR $B3B9
$7E92 20 1B 92 JSR L_JSR_($921B)_($7E92) OK
$7E95 AD 2D 7D LDA $7D2D
$7E98 D0 06   BNE L_BRS_($7EA0)_($7E98) OK
$7E9A 20 07 8D JSR L_JSR_($8D07)_($7E9A) OK
$7E9D 4C A9 7E JMP L_JMP_($7EA9)_($7E9D) OK
//-----
L_BRS_($7EA0)_($7E98) OK
//-----
$7EA0 C9 01   CMP #$01
$7EA2 D0 05   BNE L_BRS_($7EA9)_($7EA2) OK
$7EA4 A9 00   LDA #$00
$7EA6 8D 8A 68 STA $688A
//-----
L_JMP_($7EA9)_($7E9D) OK
L_BRS_($7EA9)_($7EA2) OK
//-----
$7EA9 18     CLC
$7EAA AD 2F 7D LDA $7D2F
$7EAD 6D 12 D0 ADC $D012
$7EB0 8D 2F 7D STA $7D2F
$7EB3 6D 2E 7D ADC $7D2E

```

```
$7EB6 8D 2E 7D STA $7D2E
$7EB9 20 A3 7F JSR L_JSR_($7FA3)_($7EB9) OK
$7EBC AD AF 7A LDA $7AAF
$7EBF D0 20 BNE L_BRS_($7EE1)_($7EBF) OK
$7EC1 4C 68 7E JMP L_JMP_($7E68)_($7EC1) OK
//-----
L_BRS_($7EC4)_($7E8A) OK
//-----
$7EC4 20 A3 7F JSR L_JSR_($7FA3)_($7EC4) OK
$7EC7 20 54 9C JSR L_JSR_($9C54)_($7EC7) OK
$7ECA AD 86 7D LDA $7D86
$7ECD D0 0F BNE L_BRS_($7EDE)_($7ECD) OK
$7ECF AD 0D B8 LDA $B80D
$7ED2 F0 0A BEQ L_BRS_($7EDE)_($7ED2) OK
$7ED4 AD 04 7A LDA $7A04
$7ED7 D0 05 BNE L_BRS_($7EDE)_($7ED7) OK
$7ED9 A0 77 LDY #$77
$7EDB 20 D1 B8 JSR $B8D1
//-----
L_BRS_($7EDE)_($7ECD) OK
L_BRS_($7EDE)_($7ED2) OK
L_BRS_($7EDE)_($7ED7) OK
//-----
$7EDE 4C 85 7D JMP L_JMP_($7D85)_($7EDE) OK
//-----
L_BRS_($7EE1)_($7EBF) OK
//-----
$7EE1 4C B4 8E JMP L_JMP_($8EB4)_($7EE1) OK
//-----
```

```
L_BRS_($7EE4)_($7EF1) OK
L_BRS_($7EE4)_($7EFB) OK
L_JMP_($7EE4)_($7F02) OK
//-----
$7EE4 4C 70 7E JMP L_JMP_($7E70)_($7EE4) OK
//-----
L_JMP_($7EE7)_($7E6D) OK
//-----
$7EE7 AD 3C 7F LDA $7F3C
$7EEA 30 19 BMI L_BRS_($7F05)_($7EEA) OK
$7EEC AD 9A 7B LDA $7B9A
$7EEF C9 04 CMP #$04
$7EF1 D0 F1 BNE L_BRS_($7EE4)_($7EF1) OK
$7EF3 EE 3C 7F INC $7F3C
$7EF6 AD 3C 7F LDA $7F3C
$7EF9 C9 0C CMP #$0C
$7EFB D0 E7 BNE L_BRS_($7EE4)_($7EFB) OK
$7EFD A9 80 LDA #$80
$7EFF 8D 3C 7F STA $7F3C
$7F02 4C E4 7E JMP L_JMP_($7EE4)_($7F02) OK
//-----
L_BRS_($7F05)_($7EEA) OK
//-----
$7F05 20 3B 7F JSR L_JSR_($7F3B)_($7F05) OK
$7F08 AD 2D 7D LDA $7D2D
$7F0B C9 03 CMP #$03
$7F0D D0 15 BNE L_BRS_($7F24)_($7F0D) OK
$7F0F AD 6A 7B LDA $7B6A
$7F12 C9 84 CMP #$84
```

```

$7F14 B0 0E  BCS L_BRS_($7F24)_($7F14) OK
$7F16 18  CLC
$7F17 AD 6A 7B  LDA $7B6A
$7F1A 69 06  ADC #$06
$7F1C 8D 6A 7B  STA $7B6A
$7F1F 90 03  BCC L_BRS_($7F24)_($7F1F) OK
$7F21 EE 6B 7B  INC $7B6B
//-----
L_BRS_($7F24)_($7F0D) OK
L_BRS_($7F24)_($7F14) OK
L_BRS_($7F24)_($7F1F) OK
//-----
$7F24 C0 28  CPY #$28
$7F26 D0 10  BNE L_BRS_($7F38)_($7F26) OK
$7F28 CE 76 C3  DEC $C376
$7F2B AD 76 C3  LDA $C376
$7F2E C9 DD  CMP #$DD
$7F30 F0 06  BEQ L_BRS_($7F38)_($7F30) OK
$7F32 AD D5 B4  LDA $B4D5
$7F35 20 56 AC  JSR $AC56
//-----
L_BRS_($7F38)_($7F26) OK
L_BRS_($7F38)_($7F30) OK
//-----
$7F38 4C 85 7E  JMP L_JMP_($7E85)_($7F38) OK
//-----
L_JSR_($7F3B)_($7F05) OK
L_JSR_($7F3B)_($8EFB) OK
//-----

```

```
$7F3B A9 00 LDA #$00
$7F3D 29 7F AND #$7F
$7F3F 8D B4 89 STA $89B4
$7F42 F0 5B BEQ L_BRS_($7F9F)_($7F42) OK
$7F44 A8 TAY
$7F45 88 DEY
$7F46 A9 00 LDA #$00
$7F48 8D 7B 7F STA $7F7B
$7F4B A9 04 LDA #$04
$7F4D 8D 7C 7F STA $7F7C
$7F50 A9 00 LDA #$00
$7F52 8D 7E 7F STA $7F7E
$7F55 A9 0C LDA #$0C
$7F57 8D 7F 7F STA $7F7F
$7F5A AD 5F 7A LDA $7A5F
$7F5D D0 09 BNE L_BRS_($7F68)_($7F5D) OK
$7F5F AE 2D 7D LDX $7D2D
$7F62 BD 8A B1 LDA $B18A,X
$7F65 4C 6A 7F JMP L_JMP_($7F6A)_($7F65) OK
//-----
L_BRS_($7F68)_($7F5D) OK
//-----
$7F68 A9 02 LDA #$02
//-----
L_JMP_($7F6A)_($7F65) OK
//-----
$7F6A 8D 79 7F STA $7F79
$7F6D 98 TYA
$7F6E 48 PHA
```

```
$7F6F A0 02 LDY #$02
$7F71 20 2C 8F JSR L_JSR_($8F2C)_($7F71) OK
$7F74 68 PLA
$7F75 A8 TAY
$7F76 A2 0E LDX #$0E
//-----
L_BRS_($7F78)_($7F9D) OK
//-----
$7F78 A9 14 LDA #$14
$7F7A 99 FF FF STA $FFFF,Y
$7F7D 99 FF FF STA $FFFF,Y
$7F80 18 CLC
$7F81 AD 7B 7F LDA $7F7B
$7F84 69 28 ADC #$28
$7F86 8D 7B 7F STA $7F7B
$7F89 90 03 BCC L_BRS_($7F8E)_($7F89) OK
$7F8B EE 7C 7F INC $7F7C
//-----
L_BRS_($7F8E)_($7F89) OK
//-----
$7F8E 18 CLC
$7F8F AD 7E 7F LDA $7F7E
$7F92 69 28 ADC #$28
$7F94 8D 7E 7F STA $7F7E
$7F97 90 03 BCC L_BRS_($7F9C)_($7F97) OK
$7F99 EE 7F 7F INC $7F7F
//-----
L_BRS_($7F9C)_($7F97) OK
//-----
```

```

$7F9C CA    DEX
$7F9D 10 D9  BPL L_BRS_($7F78)_($7F9D) OK
//-----
L_BRS_($7F9F)_($7F42) OK
//-----
$7F9F EE 3C 7F  INC $7F3C
$7FA2 60    RTS
//-----
L_JSR_($7FA3)_($7EB9) OK
L_JSR_($7FA3)_($7EC4) OK
L_JSR_($7FA3)_($8EF8) OK
L_JSR_($7FA3)_($983B) OK
L_JSR_($7FA3)_($990E) OK
//-----
$7FA3 AD 8B 7A  LDA $7A8B
$7FA6 F0 08  BEQ L_BRS_($7FB0)_($7FA6) OK
$7FA8 A9 00  LDA #$00
$7FAA 8D 8B 7A  STA $7A8B
$7FAD 20 35 96  JSR L_JSR_($9635)_($7FAD) OK
//-----
L_BRS_($7FB0)_($7FA6) OK
//-----
$7FB0 A9 01  LDA #$01
$7FB2 8D 29 7A  STA $7A29
//-----
L_BRS_($7FB5)_($7FB8) OK
//-----
$7FB5 4C 00 FF  JMP $FF00
$7FB8 D0 FB  BNE L_BRS_($7FB5)_($7FB8) OK

```



```

$7FBA 60    RTS
//-----
L_BRS_($7FBB)_($7FBF) OK
//-----
$7FBB 60    RTS
//-----
L_JSR_($7FBC)_($7E82) OK
//-----
$7FBC AD 55 AC LDA $AC55
$7FBF D0 FA   BNE L_BRS_($7FBB)_($7FBF) OK
$7FC1 AD 2B 7A LDA $7A2B
$7FC4 C9 3A   CMP #$3A
$7FC6 F0 05   BEQ L_BRS_($7FCD)_($7FC6) OK
$7FC8 A2 0C   LDX #$0C
$7FCA 4C 3C 88 JMP L_JMP_($883C)_($7FCA) OK
//-----
L_BRS_($7FCD)_($7FC6) OK
//-----
$7FCD A2 04   LDX #$04
$7FCF 4C 3C 88 JMP L_JMP_($883C)_($7FCF) OK
//-----
L_JSR_($7FD2)_($7E79) OK
//-----
$7FD2 A9 00   LDA #$00
$7FD4 F0 70   BEQ L_BRS_($8046)_($7FD4) OK
$7FD6 AD 55 AC LDA $AC55
$7FD9 D0 6B   BNE L_BRS_($8046)_($7FD9) OK
$7FDB A9 7F   LDA #$7F
$7FDD 8D 00 DC STA $DC00

```

```
$7FE0 AD 01 DC LDA $DC01
$7FE3 C9 FE  CMP #$FE
$7FE5 D0 08  BNE L_BRS_($7FEF)_($7FE5) OK
$7FE7 A9 00  LDA #$00
$7FE9 20 56 AC JSR $AC56
$7FEC 4C 46 80 JMP L_JMP_($8046)_($7FEC) OK
//-----
L_BRS_($7FEF)_($7FE5) OK
//-----
$7FEF AD 01 DC LDA $DC01
$7FF2 C9 F7  CMP #$F7
$7FF4 D0 08  BNE L_BRS_($7FFE)_($7FF4) OK
$7FF6 A9 01  LDA #$01
$7FF8 20 56 AC JSR $AC56
$7FFB 4C 46 80 JMP L_JMP_($8046)_($7FFB) OK
//-----
L_BRS_($7FFE)_($7FF4) OK
//-----
$7FFE A9 FD  LDA #$FD
$8000 8D 00 DC STA $DC00
$8003 AD 01 DC LDA $DC01
$8006 C9 FE  CMP #$FE
$8008 D0 08  BNE L_BRS_($8012)_($8008) OK
$800A A9 02  LDA #$02
$800C 20 56 AC JSR $AC56
$800F 4C 46 80 JMP L_JMP_($8046)_($800F) OK
//-----
L_BRS_($8012)_($8008) OK
//-----
```

```
$8012 AD 01 DC LDA $DC01
$8015 C9 F7  CMP #$F7
$8017 D0 08  BNE L_BRS_($8021)_($8017) OK
$8019 A9 03  LDA #$03
$801B 20 56 AC JSR $AC56
$801E 4C 46 80 JMP L_JMP_($8046)_($801E) OK
//-----
L_BRS_($8021)_($8017) OK
//-----
$8021 A9 FB  LDA #$FB
$8023 8D 00 DC STA $DC00
$8026 AD 01 DC LDA $DC01
$8029 C9 FE  CMP #$FE
$802B D0 08  BNE L_BRS_($8035)_($802B) OK
$802D A9 04  LDA #$04
$802F 20 56 AC JSR $AC56
$8032 4C 46 80 JMP L_JMP_($8046)_($8032) OK
//-----
L_BRS_($8035)_($802B) OK
//-----
$8035 A9 FB  LDA #$FB
$8037 8D 00 DC STA $DC00
$803A AD 01 DC LDA $DC01
$803D C9 F7  CMP #$F7
//-----
L_JSR_($8040)_($2E18) BAD
//-----
$803F D0 05  BNE L_BRS_($8046)_($803F) OK
$8041 A9 01  LDA #$01
```

\$8043 8D AF 7A STA \$7AAF

//-----

L_BRS_(\$8046)_(\$7FD4) OK

L_BRS_(\$8046)_(\$7FD9) OK

L_JMP_(\$8046)_(\$7FEC) OK

L_JMP_(\$8046)_(\$7FFB) OK

L_JMP_(\$8046)_(\$800F) OK

L_JMP_(\$8046)_(\$801E) OK

L_JMP_(\$8046)_(\$8032) OK

L_BRS_(\$8046)_(\$803F) OK

//-----

\$8046 A9 FF LDA #\$FF

\$8048 8D 00 DC STA \$DC00

\$804B AD 00 DC LDA \$DC00

\$804E 60 RTS

//-----

L_JSR_(\$804F)_(\$7D73) OK

L_JSR_(\$804F)_(\$7DED) OK

L_JSR_(\$804F)_(\$9783) OK

//-----

\$804F 78 SEI

\$8050 AD 11 D0 LDA \$D011

\$8053 A9 0B LDA #\$0B

\$8055 8D 11 D0 STA \$D011

\$8058 A9 00 LDA #\$00

\$805A 8D 12 D0 STA \$D012

\$805D 8D 0D DC STA \$DC0D

\$8060 8D 0E DC STA \$DC0E

\$8063 A9 01 LDA #\$01

```
$8065 8D 19 D0 STA $D019
$8068 8D 1A D0 STA $D01A
$806B 8D 0D DC STA $DC0D
$806E A9 00 LDA # $00
$8070 F0 0A BEQ L_BRS_($807C)_($8070) OK
$8072 A9 3B LDA # $3B
$8074 8D FE FF STA $FFFE
$8077 A9 99 LDA # $99
$8079 4C 83 80 JMP L_JMP_($8083)_($8079) OK
//-----
L_BRS_($807C)_($8070) OK
//-----
$807C A9 9C LDA # $9C
//-----
L_JSR_($8080)_($145C) BAD
//-----
$807E 8D FE FF STA $FFFE
$8081 A9 80 LDA # $80
//-----
L_JMP_($8083)_($8079) OK
//-----
$8083 8D FF FF STA $FFFF
$8086 A9 03 LDA # $03
$8088 8D 02 DD STA $DD02
$808B A9 9B LDA # $9B
$808D 8D FA FF STA $FFFA
$8090 A9 80 LDA # $80
$8092 8D FB FF STA $FFFB
$8095 A9 35 LDA # $35
```

```
$8097 85 01 STA $01
$8099 58 CLI
$809A 60 RTS
//-----
$809B 40 RTI
//-----
$809C EA NOP
$809D EA NOP
$809E EA NOP
$809F 48 PHA
$80A0 A5 01 LDA $01
$80A2 48 PHA
$80A3 A9 35 LDA #$35
$80A5 85 01 STA $01
$80A7 98 TYA
$80A8 48 PHA
$80A9 8A TXA
$80AA 48 PHA
$80AB A9 01 LDA #$01
$80AD 8D 19 D0 STA $D019
$80B0 AD 11 D0 LDA $D011
$80B3 29 07 AND #$07
$80B5 AA TAX
$80B6 BC 83 7A LDY $7A83,X
//-----
L_BRS_($80B9)_($80BB) OK
//-----
$80B9 EA NOP
$80BA 88 DEY
```

\$80BB D0 FC BNE L_BRS_(\$80B9)_(\$80BB) OK

\$80BD A9 6F LDA #\$6F

\$80BF 8D 11 D0 STA \$D011

\$80C2 AD 00 DD LDA \$DD00

\$80C5 29 FC AND #\$FC

\$80C7 8D 00 DD STA \$DD00

\$80CA A9 03 LDA #\$03

\$80CC 8D 18 D0 STA \$D018

\$80CF A9 00 LDA #\$00

\$80D1 8D FE C3 STA \$C3FE

\$80D4 8D FD C3 STA \$C3FD

\$80D7 8D FF C3 STA \$C3FF

\$80DA 8D FA C3 STA \$C3FA

\$80DD 8D FB C3 STA \$C3FB

\$80E0 8D FC C3 STA \$C3FC

\$80E3 8D F8 C3 STA \$C3F8

\$80E6 8D F9 C3 STA \$C3F9

\$80E9 8D 15 D0 STA \$D015

\$80EC AD 2B 7A LDA \$7A2B

\$80EF 29 F0 AND #\$F0

\$80F1 09 0A ORA #\$0A

\$80F3 8D 2B 7A STA \$7A2B

\$80F6 A9 D8 LDA #\$D8

\$80F8 8D 16 D0 STA \$D016

//-----

L_BRS_(\$80FB)_(\$8100) OK

//-----

\$80FB AD 12 D0 LDA \$D012

\$80FE C9 AF CMP #\$AF

```
$8100 D0 F9  BNE L_BRS_($80FB)_($8100) OK
$8102 A9 00  LDA #$00
$8104 8D 21 D0 STA $D021
$8107 AD 11 D0 LDA $D011
$810A 29 1F  AND #$1F
$810C 8D 11 D0 STA $D011
$810F A9 00  LDA #$00
$8111 F0 08  BEQ L_BRS_($811B)_($8111) OK
$8113 AD 11 D0 LDA $D011
$8116 29 EF  AND #$EF
$8118 4C 20 81 JMP L_JMP_($8120)_($8118) OK
//-----
L_BRS_($811B)_($8111) OK
//-----
$811B AD 11 D0 LDA $D011
$811E 09 10  ORA #$10
//-----
L_JMP_($8120)_($8118) OK
//-----
$8120 8D 11 D0 STA $D011
$8123 A9 00  LDA #$00
$8125 8D 20 D0 STA $D020
$8128 A9 0C  LDA #$0C
$812A 8D 22 D0 STA $D022
$812D A9 0F  LDA #$0F
$812F 8D 23 D0 STA $D023
$8132 A9 0C  LDA #$0C
$8134 8D 25 D0 STA $D025
$8137 A9 0F  LDA #$0F
```



```
$8139 8D 26 D0 STA $D026
$813C A2 00 LDX #$00
$813E 8E 1C D0 STX $D01C
$8141 8E 1D D0 STX $D01D
$8144 A9 00 LDA #$00
$8146 8D 10 D0 STA $D010
$8149 A2 0F LDX #$0F
$814B A0 07 LDY #$07
//-----
L_BRS_($814D)_($8168) OK
//-----
$814D BD 00 7C LDA $7C00,X
$8150 9D 00 D0 STA $D000,X
$8153 CA DEX
$8154 BD 00 7C LDA $7C00,X
$8157 9D 00 D0 STA $D000,X
$815A B9 18 7C LDA $7C18,Y
$815D 99 27 D0 STA $D027,Y
$8160 B9 10 7C LDA $7C10,Y
$8163 99 F8 C3 STA $C3F8,Y
$8166 CA DEX
$8167 88 DEY
$8168 10 E3 BPL L_BRS_($814D)_($8168) OK
$816A A9 07 LDA #$07
$816C 8D 15 D0 STA $D015
$816F AD 00 DC LDA $DC00
$8172 29 1F AND #$1F
$8174 49 1F EOR #$1F
$8176 A8 TAY
```

```
$8177 B9 8D 7A LDA $7A8D,Y
$817A 8D 3F 7A STA $7A3F
$817D 20 09 10 JSR L_JSR_($1009)_($817D) OK
$8180 AD 5F 7A LDA $7A5F
$8183 F0 2F BEQ L_BRS_($81B4)_($8183) OK
$8185 A2 07 LDX #$07
//-----
L_BRS_($8187)_($8196) OK
//-----
$8187 BD 30 2A LDA $2A30,X
$818A 18 CLC
$818B 0A ASL A
$818C 69 00 ADC #$00
$818E 18 CLC
$818F 0A ASL A
$8190 69 00 ADC #$00
$8192 9D 30 2A STA $2A30,X
$8195 CA DEX
$8196 10 EF BPL L_BRS_($8187)_($8196) OK
$8198 A9 00 LDA #$00
$819A 49 01 EOR #$01
$819C 8D 99 81 STA $8199
$819F F0 13 BEQ L_BRS_($81B4)_($819F) OK
$81A1 A2 0F LDX #$0F
//-----
L_BRS_($81A3)_($81B2) OK
//-----
$81A3 BD 38 2A LDA $2A38,X
$81A6 18 CLC
```

```
$81A7 0A ASL A
$81A8 69 00 ADC #$00
$81AA 18 CLC
$81AB 0A ASL A
$81AC 69 00 ADC #$00
$81AE 9D 38 2A STA $2A38,X
$81B1 CA DEX
$81B2 10 EF BPL L_BRS_($81A3)_($81B2) OK
//-----
L_BRS_($81B4)_($8183) OK
L_BRS_($81B4)_($819F) OK
//-----
$81B4 A2 CF LDX #$CF
$81B6 A0 81 LDY #$81
$81B8 8E FE FF STX $FFFE
$81BB 8C FF FF STY $FFFF
$81BE A9 F5 LDA #$F5
$81C0 8D 12 D0 STA $D012
$81C3 AD 0D DC LDA $DC0D
$81C6 68 PLA
$81C7 AA TAX
$81C8 68 PLA
$81C9 A8 TAY
$81CA 68 PLA
$81CB 85 01 STA $01
$81CD 68 PLA
$81CE 40 RTI
//-----
$81CF 48 PHA
```

```
$81D0 A5 01 LDA $01
$81D2 48 PHA
$81D3 A9 35 LDA #$35
$81D5 85 01 STA $01
$81D7 98 TYA
$81D8 48 PHA
$81D9 8A TXA
$81DA 48 PHA
$81DB 20 EA 8D JSR L_JSR_($8DEA)_($81DB) OK
$81DE A2 08 LDX #$08
$81E0 A9 09 LDA #$09
$81E2 8E 22 D0 STX $D022
$81E5 8D 23 D0 STA $D023
$81E8 AD 3C 7F LDA $7F3C
$81EB D0 07 BNE L_BRS_($81F4)_($81EB) OK
$81ED AD EF 8A LDA $8AEF
$81F0 C9 07 CMP #$07
$81F2 F0 05 BEQ L_BRS_($81F9)_($81F2) OK
//-----
L_BRS_($81F4)_($81EB) OK
//-----
$81F4 A9 00 LDA #$00
$81F6 4C 07 82 JMP L_JMP_($8207)_($81F6) OK
//-----
L_BRS_($81F9)_($81F2) OK
//-----
$81F9 AD EE 8A LDA $8AEE
$81FC 29 01 AND #$01
$81FE F0 07 BEQ L_BRS_($8207)_($81FE) OK
```

```
$8200 A9 0A LDA #$0A
$8202 20 03 10 JSR L_JSR_($1003)_($8202) OK
$8205 A9 07 LDA #$07
//-----
L_JMP_($8207)_($81F6) OK
L_BRS_($8207)_($81FE) OK
//-----
$8207 8D 21 D0 STA $D021
$820A A9 00 LDA #$00
$820C 8D 71 7E STA $7E71
$820F AD 3C 7F LDA $7F3C
$8212 30 23 BMI L_BRS_($8237)_($8212) OK
$8214 AD 55 AC LDA $AC55
$8217 D0 1E BNE L_BRS_($8237)_($8217) OK
$8219 AD AF 7A LDA $7AAF
$821C D0 19 BNE L_BRS_($8237)_($821C) OK
$821E AD 29 7A LDA $7A29
$8221 F0 14 BEQ L_BRS_($8237)_($8221) OK
$8223 AD 2B 7A LDA $7A2B
$8226 49 20 EOR #$20
$8228 8D 2B 7A STA $7A2B
$822B AD 2E 7A LDA $7A2E
$822E 8D 32 7A STA $7A32
$8231 AD 30 7A LDA $7A30
$8234 8D 33 7A STA $7A33
//-----
L_BRS_($8237)_($8212) OK
L_BRS_($8237)_($8217) OK
L_BRS_($8237)_($821C) OK
```

L_BRS_(\$8237)_(\$8221) OK
//-----
\$8237 AD 2B 7A LDA \$7A2B
\$823A 8D 18 D0 STA \$D018
\$823D AD 32 7A LDA \$7A32
\$8240 29 07 AND #\$07
\$8242 49 07 EOR #\$07
\$8244 8D 2D 7A STA \$7A2D
\$8247 AD 10 81 LDA \$8110
\$824A D0 12 BNE L_BRS_(\$825E)_(\$824A) OK

\$824C AD 33 7A LDA \$7A33
\$824F 29 07 AND #\$07
\$8251 49 07 EOR #\$07
\$8253 8D 2C 7A STA \$7A2C
\$8256 AD 2C 7A LDA \$7A2C
\$8259 09 10 ORA #\$10
\$825B 8D 11 D0 STA \$D011

//-----
L_BRS_(\$825E)_(\$824A) OK

//-----
\$825E AD 2D 7A LDA \$7A2D
\$8261 8D 16 D0 STA \$D016
\$8264 AD 00 DD LDA \$DD00
\$8267 29 FC AND #\$FC
\$8269 09 03 ORA #\$03
\$826B 8D 00 DD STA \$DD00
\$826E AD 2B 7A LDA \$7A2B
\$8271 8D 18 D0 STA \$D018
\$8274 AD 29 7A LDA \$7A29

;Horizontal Fine scrolling

;Interrupt routine

;Character set

```
$8277 F0 1C  BEQ L_BRS_($8295)_($8277) OK
$8279 AD 03 7A  LDA $7A03
$827C F0 07  BEQ L_BRS_($8285)_($827C) OK
$827E AD 2D 7D  LDA $7D2D
$8281 C9 03  CMP #$03
$8283 F0 06  BEQ L_BRS_($828B)_($8283) OK
//-----
L_BRS_($8285)_($827C) OK
//-----
$8285 20 BD 82  JSR L_JSR_($82BD)_($8285) OK
$8288 4C 98 82  JMP L_JMP_($8298)_($8288) OK
//-----
L_BRS_($828B)_($8283) OK
//-----
$828B A0 03  LDY #$03
$828D A2 00  LDX #$00
//-----
L_BRS_($828F)_($8290) OK
L_BRS_($828F)_($8293) OK
//-----
$828F CA    DEX
$8290 D0 FD  BNE L_BRS_($828F)_($8290) OK
$8292 88    DEY
$8293 10 FA  BPL L_BRS_($828F)_($8293) OK
//-----
L_BRS_($8295)_($8277) OK
//-----
$8295 20 AB 83  JSR L_JSR_($83AB)_($8295) OK
//-----
```

L_JMP_(\$8298)_(\$8288) OK

//-----

\$8298 A9 00 LDA #\$00

\$829A 8D 29 7A STA \$7A29

\$829D A9 9C LDA #\$9C

\$829F 8D FE FF STA \$FFFE
Vectors

; Maskable Interrupt Request and Break Hardware

\$82A2 A9 80 LDA #\$80

\$82A4 8D FF FF STA \$FFFF

\$82A7 A9 A6 LDA #\$A6

\$82A9 8D 12 D0 STA \$D012

\$82AC A9 01 LDA #\$01

\$82AE 8D 19 D0 STA \$D019

\$82B1 AD 0D DC LDA \$DC0D

\$82B4 68 PLA

\$82B5 AA TAX

\$82B6 68 PLA

\$82B7 A8 TAY

\$82B8 68 PLA

\$82B9 85 01 STA \$01

\$82BB 68 PLA

\$82BC 40 RTI

//-----

L_JSR_(\$82BD)_(\$8285) OK

//-----

\$82BD AD 2B 7A LDA \$7A2B

\$82C0 C9 1A CMP #\$1A

\$82C2 D0 05 BNE L_BRS_(\$82C9)_(\$82C2) OK

\$82C4 A2 04 LDX #\$04

\$82C6 4C CE 82 JMP L_JMP_(\$82CE)_(\$82C6) OK

//-----

L_BRS_(\$82C9)_(\$82C2) OK

//-----

\$82C9 A2 0C LDX #\$0C

\$82CB 4C CE 82 JMP L_JMP_(\$82CE)_(\$82CB) OK

//-----

L_JMP_(\$82CE)_(\$82C6) OK

L_JMP_(\$82CE)_(\$82CB) OK

//-----

\$82CE 8E 04 83 STX \$8304

\$82D1 8E 0E 83 STX \$830E

\$82D4 8E 18 83 STX \$8318

\$82D7 8E 22 83 STX \$8322

\$82DA E8 INX

\$82DB 8E 2E 83 STX \$832E

\$82DE 8E 38 83 STX \$8338

\$82E1 8E 42 83 STX \$8342

\$82E4 8E 4C 83 STX \$834C

\$82E7 E8 INX

\$82E8 8E 58 83 STX \$8358

\$82EB 8E 62 83 STX \$8362

\$82EE 8E 6C 83 STX \$836C

\$82F1 8E 76 83 STX \$8376

\$82F4 8E 80 83 STX \$8380

\$82F7 8E 8A 83 STX \$838A

\$82FA 8E 94 83 STX \$8394

\$82FD 8E 9E 83 STX \$839E

\$8300 A2 00 LDX #\$00

//-----

L_BRS_(\$8302)_(\$832A) OK

//-----

\$8302 BC 00 0C LDY \$0C00,X

\$8305 B9 00 30 LDA \$3000,Y

\$8308 9D 00 D8 STA \$D800,X

\$830B E8 INX

\$830C BC 00 0C LDY \$0C00,X

\$830F B9 00 30 LDA \$3000,Y

\$8312 9D 00 D8 STA \$D800,X

\$8315 E8 INX

\$8316 BC 00 0C LDY \$0C00,X

\$8319 B9 00 30 LDA \$3000,Y

\$831C 9D 00 D8 STA \$D800,X

\$831F E8 INX

\$8320 BC 00 0C LDY \$0C00,X

\$8323 B9 00 30 LDA \$3000,Y

\$8326 9D 00 D8 STA \$D800,X

\$8329 E8 INX

\$832A D0 D6 BNE L_BRS_(\$8302)_(\$832A) OK

//-----

L_BRS_(\$832C)_(\$8354) OK

//-----

\$832C BC 00 0D LDY \$0D00,X

\$832F B9 00 30 LDA \$3000,Y

\$8332 9D 00 D9 STA \$D900,X

\$8335 E8 INX

\$8336 BC 00 0D LDY \$0D00,X

\$8339 B9 00 30 LDA \$3000,Y

```
$833C 9D 00 D9 STA $D900,X
$833F E8 INX
$8340 BC 00 0D LDY $0D00,X
$8343 B9 00 30 LDA $3000,Y
$8346 9D 00 D9 STA $D900,X
$8349 E8 INX
$834A BC 00 0D LDY $0D00,X
$834D B9 00 30 LDA $3000,Y
$8350 9D 00 D9 STA $D900,X
$8353 E8 INX
$8354 D0 D6 BNE L_BRS_($832C)_($8354) OK
//-----
L_BRS_($8356)_($83A8) OK
//-----
$8356 BC 00 0E LDY $0E00,X
$8359 B9 00 30 LDA $3000,Y
$835C 9D 00 DA STA $DA00,X
$835F E8 INX
$8360 BC 00 0E LDY $0E00,X
$8363 B9 00 30 LDA $3000,Y
$8366 9D 00 DA STA $DA00,X
$8369 E8 INX
$836A BC 00 0E LDY $0E00,X
$836D B9 00 30 LDA $3000,Y
$8370 9D 00 DA STA $DA00,X
$8373 E8 INX
$8374 BC 00 0E LDY $0E00,X
$8377 B9 00 30 LDA $3000,Y
$837A 9D 00 DA STA $DA00,X
```

```
$837D E8 INX
$837E BC 00 0E LDY $0E00,X
$8381 B9 00 30 LDA $3000,Y
$8384 9D 00 DA STA $DA00,X
$8387 E8 INX
$8388 BC 00 0E LDY $0E00,X
$838B B9 00 30 LDA $3000,Y
$838E 9D 00 DA STA $DA00,X
$8391 E8 INX
$8392 BC 00 0E LDY $0E00,X
$8395 B9 00 30 LDA $3000,Y
$8398 9D 00 DA STA $DA00,X
$839B E8 INX
$839C BC 00 0E LDY $0E00,X
$839F B9 00 30 LDA $3000,Y
$83A2 9D 00 DA STA $DA00,X
$83A5 E8 INX
$83A6 E0 58 CPX #$58
$83A8 D0 AC BNE L_BRS_($8356)_($83A8) OK
$83AA 60 RTS
//-----
L_JSR_($83AB)_($8295) OK
//-----
$83AB AD 2D 7D LDA $7D2D
$83AE D0 22 BNE L_BRS_($83D2)_($83AE) OK
$83B0 18 CLC
$83B1 A9 02 LDA #$02
$83B3 69 01 ADC #$01
$83B5 29 03 AND #$03
```

```
$83B7 8D B2 83 STA $83B2
$83BA D0 15 BNE L_BRS_($83D1)_($83BA) OK
$83BC A2 00 LDX #$00
//-----
L_BRS_($83BE)_($83CF) OK
//-----
$83BE BD A0 74 LDA $74A0,X
$83C1 38 SEC
$83C2 E9 26 SBC #$26
$83C4 49 01 EOR #$01
$83C6 18 CLC
$83C7 69 26 ADC #$26
$83C9 9D A0 74 STA $74A0,X
$83CC E8 INX
$83CD E0 24 CPX #$24
$83CF D0 ED BNE L_BRS_($83BE)_($83CF) OK
//-----
L_BRS_($83D1)_($83BA) OK
L_BRS_($83D1)_($83D4) OK
//-----
$83D1 60 RTS
//-----
L_BRS_($83D2)_($83AE) OK
//-----
$83D2 C9 02 CMP #$02
$83D4 F0 FB BEQ L_BRS_($83D1)_($83D4) OK
$83D6 A9 00 LDA #$00
$83D8 18 CLC
$83D9 69 01 ADC #$01
```

```
$83DB 29 03  AND #$03
$83DD 8D D7 83  STA $83D7
$83E0 AA    TAX
$83E1 BD 07 84  LDA $8407,X
$83E4 AA    TAX
$83E5 A0 3F   LDY #$3F
//-----
L_BRS_($83E7)_($83F4) OK
//-----
$83E7 BD CC 71  LDA $71CC,X
$83EA C9 D5   CMP #$D5
$83EC F0 09   BEQ L_BRS_($83F7)_($83EC) OK
$83EE C9 D7   CMP #$D7
$83F0 F0 0D   BEQ L_BRS_($83FF)_($83F0) OK
//-----
L_JMP_($83F2)_($83FC) OK
L_JMP_($83F2)_($8404) OK
//-----
$83F2 E8    INX
$83F3 88    DEY
$83F4 10 F1  BPL L_BRS_($83E7)_($83F4) OK
$83F6 60    RTS
//-----
L_BRS_($83F7)_($83EC) OK
//-----
$83F7 A9 D7   LDA #$D7
$83F9 9D CC 71  STA $71CC,X
$83FC 4C F2 83  JMP L_JMP_($83F2)_($83FC) OK
//-----
```

```

L_BRS_($83FF)_($83F0) OK
//-----
$83FF A9 D5  LDA #$D5
$8401 9D CC 71 STA $71CC,X
$8404 4C F2 83 JMP L_JMP_($83F2)_($8404) OK
$8407      .byte $00
$8408 40    RTI
//-----
$8409      .byte $80
$840A C0 60  CPY #$60
$840C 01 01  ORA ($01,X)
$840E      .byte $00,$00,$04,$00,$02
$8413 01 00  ORA ($00,X)
$8415      .byte $00
$8416 01 01  ORA ($01,X)
$8418      .byte $00,$00,$02,$00,$00,$00
$841E 60    RTS
//-----
$841F 60    RTS
//-----
$8420      .byte $00,$00,$00,$00,$00,$00
$8426 19 00 00 ORA $0000,Y
$8429      .byte $00,$00,$00
$842C 15 15  ORA $15,X
$842E      .byte $00
$842F 15 00  ORA $00,X
$8431 15 00  ORA $00,X
//-----
L_BRS_($8434)_($843A) BAD

```

```

L_BRS_($8434)_($8444) BAD
//-----
$8433 15 4C  ORA $4C,X
$8435      .byte $04
//-----
L_JSR_($8437)_($7E8C) BAD
//-----
$8436 85 AD  STA $AD
$8438 A4 7B  LDY $7B
$843A F0 F8  BEQ L_BRS_($8434)_($843A) BAD
$843C 18     CLC
$843D A9 00  LDA #$00
$843F 49 01  EOR #$01
$8441 8D 3E 84 STA $843E
$8444 D0 EE  BNE L_BRS_($8434)_($8444) BAD
$8446 A9 00  LDA #$00
$8448 F0 06  BEQ L_BRS_($8450)_($8448) OK
$844A CE 47 84 DEC $8447
$844D 4C 04 85 JMP L_JMP_($8504)_($844D) OK
//-----
L_BRS_($8450)_($8448) OK
//-----
$8450 AD A4 7B LDA $7BA4
$8453 C9 02  CMP #$02
$8455 90 06  BCC L_BRS_($845D)_($8455) OK
$8457 CE A4 7B DEC $7BA4
$845A 4C 04 85 JMP L_JMP_($8504)_($845A) OK
//-----
L_BRS_($845D)_($8455) OK

```



```
//-----
$845D CE 27 7A DEC $7A27
$8460 AD 27 7A LDA $7A27
$8463 F0 0C BEQ L_BRS_($8471)_($8463) OK
$8465 C9 01 CMP #$01
//-----
L_JMP_($8468)_($150B) BAD
//-----
$8467 D0 16 BNE L_BRS_($847F)_($8467) OK
$8469 A9 05 LDA #$05
$846B 8D 47 84 STA $8447
$846E 4C 7F 84 JMP L_JMP_($847F)_($846E) OK
//-----
L_BRS_($8471)_($8463) OK
//-----
$8471 AD 28 7A LDA $7A28
$8474 8D 27 7A STA $7A27
$8477 AD E4 7B LDA $7BE4
$847A 49 01 EOR #$01
$847C 8D E4 7B STA $7BE4
//-----
L_BRS_($847F)_($8467) OK
L_JMP_($847F)_($846E) OK
//-----
$847F AC 94 7B LDY $7B94
$8482 B9 2C 84 LDA $842C,Y
$8485 8D 1A 85 STA $851A
$8488 B9 24 84 LDA $8424,Y
$848B 8D 09 85 STA $8509
```

```
$848E B9 1C 84 LDA $841C,Y
$8491 8D FD 8D STA $8DFD
$8494 AD E4 7B LDA $7BE4
$8497 D0 37 BNE L_BRS_($84D0)_($8497) OK
$8499 18 CLC
$849A AD 64 7B LDA $7B64
$849D 79 0C 84 ADC $840C,Y
$84A0 8D 64 7B STA $7B64
$84A3 90 03 BCC L_BRS_($84A8)_($84A3) OK
$84A5 EE 65 7B INC $7B65
//-----
L_BRS_($84A8)_($84A3) OK
//-----
$84A8 AD 59 7D LDA $7D59
$84AB C9 80 CMP #$80
$84AD 90 0F BCC L_BRS_($84BE)_($84AD) OK
$84AF 18 CLC
$84B0 AD 64 7B LDA $7B64
$84B3 79 0C 84 ADC $840C,Y
$84B6 8D 64 7B STA $7B64
$84B9 90 03 BCC L_BRS_($84BE)_($84B9) OK
$84BB EE 65 7B INC $7B65
//-----
L_BRS_($84BE)_($84AD) OK
L_BRS_($84BE)_($84B9) OK
//-----
$84BE 18 CLC
$84BF AD 74 7B LDA $7B74
$84C2 79 14 84 ADC $8414,Y
```

\$84C5 8D 74 7B STA \$7B74
\$84C8 90 3A BCC L_BRS_(\$8504)_(\$84C8) OK
\$84CA EE 75 7B INC \$7B75
\$84CD 4C 04 85 JMP L_JMP_(\$8504)_(\$84CD) OK
//-----
L_BRS_(\$84D0)_(\$8497) OK
//-----
\$84D0 38 SEC
\$84D1 AD 64 7B LDA \$7B64
\$84D4 F9 0C 84 SBC \$840C,Y
\$84D7 8D 64 7B STA \$7B64
\$84DA B0 03 BCS L_BRS_(\$84DF)_(\$84DA) OK
\$84DC CE 65 7B DEC \$7B65
//-----
L_BRS_(\$84DF)_(\$84DA) OK
//-----
\$84DF AD 59 7D LDA \$7D59
\$84E2 C9 80 CMP #\$80
\$84E4 90 0F BCC L_BRS_(\$84F5)_(\$84E4) OK
\$84E6 38 SEC
\$84E7 AD 64 7B LDA \$7B64
\$84EA F9 0C 84 SBC \$840C,Y
\$84ED 8D 64 7B STA \$7B64
\$84F0 B0 03 BCS L_BRS_(\$84F5)_(\$84F0) OK
\$84F2 CE 65 7B DEC \$7B65
//-----
L_BRS_(\$84F5)_(\$84E4) OK
L_BRS_(\$84F5)_(\$84F0) OK
//-----

```
$84F5 38    SEC
$84F6 AD 74 7B LDA $7B74
$84F9 F9 14 84 SBC $8414,Y
$84FC 8D 74 7B STA $7B74
$84FF B0 03   BCS L_BRS_($8504)_($84FF) OK
$8501 CE 75 7B DEC $7B75
//-----
L_JMP_($8504)_($844D) OK
L_JMP_($8504)_($845A) OK
L_BRS_($8504)_($84C8) OK
L_JMP_($8504)_($84CD) OK
L_BRS_($8504)_($84FF) OK
//-----
$8504 AD 64 7B LDA $7B64
$8507 18    CLC
$8508 69 00  ADC #$00
$850A 8D 66 7B STA $7B66
$850D AD 65 7B LDA $7B65
$8510 69 00  ADC #$00
$8512 8D 67 7B STA $7B67
$8515 18    CLC
$8516 AD 74 7B LDA $7B74
$8519 69 15  ADC #$15
$851B 8D 76 7B STA $7B76
$851E AD 75 7B LDA $7B75
$8521 69 00  ADC #$00
$8523 8D 77 7B STA $7B77
$8526 AD 94 7B LDA $7B94
$8529 C9 05   CMP #$05
```

\$852B D0 25 BNE L_BRS_(\$8552)_(\$852B) OK
\$852D AD 64 7B LDA \$7B64
\$8530 8D 68 7B STA \$7B68
\$8533 AD 65 7B LDA \$7B65
\$8536 8D 69 7B STA \$7B69
\$8539 38 SEC
\$853A AD 74 7B LDA \$7B74
\$853D E9 15 SBC #\$15
\$853F 8D 78 7B STA \$7B78
\$8542 AD 75 7B LDA \$7B75
\$8545 E9 00 SBC #\$00
\$8547 8D 79 7B STA \$7B79
\$854A A9 0C LDA #\$0C
\$854C 8D A8 7B STA \$7BA8
\$854F 4C B5 86 JMP L_JMP_(\$86B5)_(\$854F) OK
//-----
L_BRS_(\$8552)_(\$852B) OK
//-----
\$8552 AD A4 7B LDA \$7BA4
\$8555 F0 71 BEQ L_BRS_(\$85C8)_(\$8555) OK
\$8557 AD 75 7B LDA \$7B75
\$855A CD 6B 7B CMP \$7B6B
\$855D D0 69 BNE L_BRS_(\$85C8)_(\$855D) OK
\$855F 38 SEC
\$8560 AD 74 7B LDA \$7B74
\$8563 ED 6A 7B SBC \$7B6A
\$8566 20 C6 8A JSR L_JSR_(\$8AC6)_(\$8566) OK
\$8569 C9 1E CMP #\$1E
\$856B B0 5B BCS L_BRS_(\$85C8)_(\$856B) OK

\$856D 38 SEC
\$856E AD 64 7B LDA \$7B64
\$8571 ED 5A 7B SBC \$7B5A
\$8574 85 FE STA \$FE
\$8576 85 FD STA \$FD
\$8578 AD 65 7B LDA \$7B65
\$857B ED 5B 7B SBC \$7B5B
\$857E 85 FF STA \$FF
\$8580 20 CE 8A JSR L_JSR_(\$8ACE)_(\$8580) OK
\$8583 A5 FF LDA \$FF
\$8585 D0 41 BNE L_BRS_(\$85C8)_(\$8585) OK
\$8587 A5 FE LDA \$FE
\$8589 C9 05 CMP #\$05
\$858B B0 3B BCS L_BRS_(\$85C8)_(\$858B) OK
\$858D AD 94 7B LDA \$7B94
\$8590 C9 04 CMP #\$04
\$8592 F0 06 BEQ L_BRS_(\$859A)_(\$8592) OK
\$8594 20 CF A2 JSR \$A2CF
\$8597 4C C8 85 JMP L_JMP_(\$85C8)_(\$8597) OK
//-----
L_BRS_(\$859A)_(\$8592) OK
//-----
\$859A AD 3C 7F LDA \$7F3C
\$859D D0 29 BNE L_BRS_(\$85C8)_(\$859D) OK
\$859F AD 9A 7B LDA \$7B9A
\$85A2 C9 03 CMP #\$03
\$85A4 F0 22 BEQ L_BRS_(\$85C8)_(\$85A4) OK
\$85A6 A9 04 LDA #\$04
\$85A8 20 6C 8A JSR L_JSR_(\$8A6C)_(\$85A8) OK

```
$85AB A5 FD  LDA $FD
$85AD 10 0E  BPL L_BRS_($85BD)_($85AD) OK
$85AF A9 04  LDA #$04
$85B1 20 7B A3 JSR $A37B
$85B4 20 1B AB JSR $AB1B
$85B7 20 1B AB JSR $AB1B
$85BA 4C C8 85 JMP L_JMP_($85C8)_($85BA) OK
//-----
L_BRS_($85BD)_($85AD) OK
//-----
$85BD A9 04  LDA #$04
$85BF 20 FD A3 JSR $A3FD
$85C2 20 2C AB JSR $AB2C
$85C5 20 2C AB JSR $AB2C
//-----
L_BRS_($85C8)_($8555) OK
L_BRS_($85C8)_($855D) OK
L_BRS_($85C8)_($856B) OK
L_BRS_($85C8)_($8585) OK
L_BRS_($85C8)_($858B) OK
L_JMP_($85C8)_($8597) OK
L_BRS_($85C8)_($859D) OK
L_BRS_($85C8)_($85A4) OK
L_JMP_($85C8)_($85BA) OK
//-----
$85C8 AD A8 7B LDA $7BA8
$85CB F0 5B  BEQ L_BRS_($8628)_($85CB) OK
$85CD AD 79 7B LDA $7B79
$85D0 CD 6B 7B CMP $7B6B
```

\$85D3 D0 53 BNE L_BRS_(\$8628)_(\$85D3) OK
\$85D5 38 SEC
\$85D6 AD 68 7B LDA \$7B68
\$85D9 ED 5A 7B SBC \$7B5A
\$85DC 85 FE STA \$FE
\$85DE AD 69 7B LDA \$7B69
\$85E1 ED 5B 7B SBC \$7B5B
\$85E4 85 FF STA \$FF
\$85E6 20 CE 8A JSR L_JSR_(\$8ACE)_(\$85E6) OK
\$85E9 A5 FF LDA \$FF
\$85EB D0 3B BNE L_BRS_(\$8628)_(\$85EB) OK
\$85ED A5 FE LDA \$FE
\$85EF C9 0F CMP #\$0F
\$85F1 B0 35 BCS L_BRS_(\$8628)_(\$85F1) OK
\$85F3 38 SEC
\$85F4 AD 78 7B LDA \$7B78
\$85F7 ED 6A 7B SBC \$7B6A
\$85FA C9 F4 CMP #\$F4
\$85FC B0 0B BCS L_BRS_(\$8609)_(\$85FC) OK
\$85FE C9 09 CMP #\$09
\$8600 90 07 BCC L_BRS_(\$8609)_(\$8600) OK
\$8602 C9 1E CMP #\$1E
\$8604 B0 22 BCS L_BRS_(\$8628)_(\$8604) OK
\$8606 4C 16 86 JMP L_JMP_(\$8616)_(\$8606) OK
//-----
L_BRS_(\$8609)_(\$85FC) OK
L_BRS_(\$8609)_(\$8600) OK
//-----
\$8609 AE 7A 7B LDX \$7B7A


```
$860C E0 10 CPX #$10
$860E D0 06 BNE L_BRS_($8616)_($860E) OK
$8610 4C 28 86 JMP L_JMP_($8628)_($8610) OK
//-----
L_BRS_($8613)_($8632) OK
L_BRS_($8613)_($8639) OK
//-----
$8613 4C B5 86 JMP L_JMP_($86B5)_($8613) OK
//-----
L_JMP_($8616)_($8606) OK
L_BRS_($8616)_($860E) OK
//-----
$8616 AD 3C 7F LDA $7F3C
$8619 D0 0D BNE L_BRS_($8628)_($8619) OK
$861B A9 00 LDA #$00
$861D 8D A8 7B STA $7BA8
$8620 A9 10 LDA #$10
$8622 20 6C 8A JSR L_JSR_($8A6C)_($8622) OK
$8625 EE 21 D0 INC $D021
//-----
L_BRS_($8628)_($85CB) OK
L_BRS_($8628)_($85D3) OK
L_BRS_($8628)_($85EB) OK
L_BRS_($8628)_($85F1) OK
L_BRS_($8628)_($8604) OK
L_JMP_($8628)_($8610) OK
L_BRS_($8628)_($8619) OK
//-----
$8628 AD A8 7B LDA $7BA8
```

\$862B D0 5E BNE L_BRS_(\$868B)_(\$862B) OK
\$862D AD A4 7B LDA \$7BA4
\$8630 C9 01 CMP #\$01
\$8632 D0 DF BNE L_BRS_(\$8613)_(\$8632) OK
\$8634 AD 94 7B LDA \$7B94
\$8637 C9 02 CMP #\$02
\$8639 B0 D8 BCS L_BRS_(\$8613)_(\$8639) OK
\$863B AD 47 84 LDA \$8447
\$863E D0 75 BNE L_BRS_(\$86B5)_(\$863E) OK
\$8640 AD 2D 7D LDA \$7D2D
\$8643 C9 02 CMP #\$02
\$8645 F0 6E BEQ L_BRS_(\$86B5)_(\$8645) OK
\$8647 CE 4B 86 DEC \$864B
\$864A A9 00 LDA #\$00
\$864C D0 67 BNE L_BRS_(\$86B5)_(\$864C) OK
\$864E A9 2D LDA #\$2D
\$8650 8D 4B 86 STA \$864B
\$8653 A9 0A LDA #\$0A
\$8655 8D A4 7B STA \$7BA4
\$8658 A9 1E LDA #\$1E
\$865A 8D A8 7B STA \$7BA8
\$865D AD E4 7B LDA \$7BE4
\$8660 8D E8 7B STA \$7BE8
\$8663 AD 64 7B LDA \$7B64
\$8666 8D 68 7B STA \$7B68
\$8669 AD 65 7B LDA \$7B65
\$866C 8D 69 7B STA \$7B69
\$866F AC 94 7B LDY \$7B94
\$8672 18 CLC

```
$8673 AD 74 7B LDA $7B74
$8676 8D 78 7B STA $7B78
$8679 AD 75 7B LDA $7B75
$867C 69 00 ADC #$00
$867E 8D 79 7B STA $7B79
$8681 AD 0D 7A LDA $7A0D
$8684 F0 05 BEQ L_BRS_($868B)_($8684) OK
$8686 A9 02 LDA #$02
$8688 20 03 10 JSR L_JSR_($1003)_($8688) OK
//-----
L_BRS_($868B)_($862B) OK
L_BRS_($868B)_($8684) OK
//-----
$868B CE A8 7B DEC $7BA8
$868E AD E8 7B LDA $7BE8
$8691 D0 14 BNE L_BRS_($86A7)_($8691) OK
$8693 18 CLC
$8694 AD 68 7B LDA $7B68
$8697 69 08 ADC #$08
$8699 8D 68 7B STA $7B68
$869C 90 17 BCC L_BRS_($86B5)_($869C) OK
$869E EE 69 7B INC $7B69
$86A1 4C B5 86 JMP L_JMP_($86B5)_($86A1) OK
//-----
L_BRS_($86A4)_($86B8) OK
L_BRS_($86A4)_($86BD) OK
//-----
$86A4 4C 5D 87 JMP L_JMP_($875D)_($86A4) OK
//-----
```

```
L_BRS_($86A7)_($8691) OK
//-----
$86A7 38    SEC
$86A8 AD 68 7B LDA $7B68
$86AB E9 08    SBC #$08
$86AD 8D 68 7B STA $7B68
$86B0 B0 03    BCS L_BRS_($86B5)_($86B0) OK
$86B2 CE 69 7B DEC $7B69
//-----
L_JMP_($86B5)_($854F) OK
L_JMP_($86B5)_($8613) OK
L_BRS_($86B5)_($863E) OK
L_BRS_($86B5)_($8645) OK
L_BRS_($86B5)_($864C) OK
L_BRS_($86B5)_($869C) OK
L_JMP_($86B5)_($86A1) OK
L_BRS_($86B5)_($86B0) OK
//-----
$86B5 AD 3E 84 LDA $843E
$86B8 D0 EA    BNE L_BRS_($86A4)_($86B8) OK
$86BA AD 47 84 LDA $8447
$86BD D0 E5    BNE L_BRS_($86A4)_($86BD) OK
$86BF AD 8B 7A LDA $7A8B
$86C2 F0 0B    BEQ L_BRS_($86CF)_($86C2) OK
$86C4 AD 3E 84 LDA $843E
$86C7 49 01    EOR #$01
$86C9 8D 3E 84 STA $843E
$86CC 4C 5D 87 JMP L_JMP_($875D)_($86CC) OK
//-----
```

```

L_BRS_($86CF)_($86C2) OK
//-----
$86CF AD 5C 7A LDA $7A5C
$86D2 49 08 EOR #08
$86D4 8D 5C 7A STA $7A5C
$86D7 8D 5D 7A STA $7A5D
$86DA 8D 5E 7A STA $7A5E
$86DD A9 34 LDA #34
$86DF 85 01 STA $01
$86E1 AD 14 87 LDA $8714
$86E4 49 01 EOR #01
$86E6 8D 14 87 STA $8714
$86E9 AD 94 7B LDA $7B94
$86EC C9 02 CMP #02
$86EE F0 0E BEQ L_BRS_($86FE)_($86EE) OK
$86F0 C9 03 CMP #03
$86F2 F0 0A BEQ L_BRS_($86FE)_($86F2) OK
$86F4 C9 06 CMP #06
$86F6 F0 06 BEQ L_BRS_($86FE)_($86F6) OK
$86F8 AD E4 7B LDA $7BE4
$86FB 4C 00 87 JMP L_JMP_($8700)_($86FB) OK
//-----
L_BRS_($86FE)_($86EE) OK
L_BRS_($86FE)_($86F2) OK
L_BRS_($86FE)_($86F6) OK
//-----
$86FE A9 00 LDA #00
//-----
L_JMP_($8700)_($86FB) OK

```

```
//-----  
$8700 8D 52 7A STA $7A52  
$8703 AD A4 7B LDA $7BA4  
$8706 C9 01 CMP #$01  
$8708 F0 05 BEQ L_BRS_($870F)_($8708) OK  
$870A A9 04 LDA #$04  
$870C 4C 17 87 JMP L_JMP_($8717)_($870C) OK  
//-----  
L_BRS_($870F)_($8708) OK  
//-----  
$870F 18 CLC  
$8710 AD 84 7B LDA $7B84  
$8713 69 01 ADC #$01  
$8715 29 03 AND #$03  
//-----  
L_JMP_($8717)_($870C) OK  
//-----  
$8717 8D 84 7B STA $7B84  
$871A 0A ASL A  
$871B 8D 53 7A STA $7A53  
$871E AD 94 7B LDA $7B94  
$8721 0A ASL A  
$8722 0A ASL A  
$8723 18 CLC  
$8724 6D 94 7B ADC $7B94  
$8727 0A ASL A  
$8728 6D 53 7A ADC $7A53  
$872B 8D 53 7A STA $7A53  
$872E AA TAX
```

\$872F BD 3A 7C LDA \$7C3A,X
\$8732 BC 39 7C LDY \$7C39,X
\$8735 AA TAX
\$8736 A9 05 LDA #\$05
\$8738 20 82 9C JSR L_JSR_(\$9C82)_(\$8738) BAD
\$873B AE 53 7A LDX \$7A53
\$873E BD 8A 7C LDA \$7C8A,X
\$8741 BC 89 7C LDY \$7C89,X
\$8744 AA TAX
\$8745 A9 06 LDA #\$06
\$8747 20 82 9C JSR L_JSR_(\$9C82)_(\$8747) BAD
\$874A AE 53 7A LDX \$7A53
\$874D BD DA 7C LDA \$7CDA,X
\$8750 BC D9 7C LDY \$7CD9,X
\$8753 AA TAX
\$8754 A9 07 LDA #\$07
\$8756 20 82 9C JSR L_JSR_(\$9C82)_(\$8756) BAD
\$8759 A9 35 LDA #\$35
\$875B 85 01 STA \$01
//-----
L_JMP_(\$875D)_(\$86A4) OK
L_JMP_(\$875D)_(\$86CC) OK
//-----
\$875D A9 00 LDA #\$00
\$875F 8D 0D 7A STA \$7A0D
\$8762 A2 08 LDX #\$08
\$8764 A9 00 LDA #\$00
\$8766 F0 0D BEQ L_BRS_(\$8775)_(\$8766) OK
\$8768 AD 5B 7A LDA \$7A5B

```
$876B 49 08  EOR #08
$876D 8D 5B 7A  STA $7A5B
$8770 A9 00  LDA #00
$8772 8D 65 87  STA $8765
//-----
L_BRS_($8775)_($8766) OK
L_JMP_($8775)_($87F5) OK
//-----
$8775 BD 9A 7B  LDA $7B9A,X
$8778 D0 03  BNE L_BRS_($877D)_($8778) OK
$877A 4C EF 87  JMP L_JMP_($87EF)_($877A) OK
//-----
L_BRS_($877D)_($8778) OK
//-----
$877D 18  CLC
$877E BD 6A 7B  LDA $7B6A,X
$8781 69 37  ADC #37
$8783 8D 45 7A  STA $7A45
$8786 BD 6B 7B  LDA $7B6B,X
$8789 69 00  ADC #00
$878B 8D 46 7A  STA $7A46
$878E 38  SEC
$878F AD 45 7A  LDA $7A45
$8792 ED 30 7A  SBC $7A30
$8795 8D 45 7A  STA $7A45
$8798 AD 46 7A  LDA $7A46
$879B ED 31 7A  SBC $7A31
$879E 8D 46 7A  STA $7A46
$87A1 18  CLC
```


\$87A2 AD 46 7A LDA \$7A46
\$87A5 D0 3F BNE L_BRS_(\$87E6)_(\$87A5) OK
\$87A7 AD 45 7A LDA \$7A45
\$87AA C9 A4 CMP #A4
\$87AC B0 38 BCS L_BRS_(\$87E6)_(\$87AC) OK
\$87AE 18 CLC
\$87AF BD 5A 7B LDA \$7B5A,X
\$87B2 69 20 ADC #20
\$87B4 8D 49 7A STA \$7A49
\$87B7 BD 5B 7B LDA \$7B5B,X
\$87BA 69 00 ADC #00
\$87BC 8D 4A 7A STA \$7A4A
\$87BF 38 SEC
\$87C0 AD 49 7A LDA \$7A49
\$87C3 ED 2E 7A SBC \$7A2E
\$87C6 8D 49 7A STA \$7A49
\$87C9 AD 4A 7A LDA \$7A4A
\$87CC ED 2F 7A SBC \$7A2F
\$87CF 8D 4A 7A STA \$7A4A
\$87D2 18 CLC
\$87D3 AD 4A 7A LDA \$7A4A
\$87D6 F0 21 BEQ L_BRS_(\$87F9)_(\$87D6) OK
\$87D8 C9 01 CMP #01
\$87DA D0 0A BNE L_BRS_(\$87E6)_(\$87DA) OK
\$87DC AD 49 7A LDA \$7A49
\$87DF C9 60 CMP #60
\$87E1 B0 03 BCS L_BRS_(\$87E6)_(\$87E1) OK
\$87E3 4C 05 88 JMP L_JMP_(\$8805)_(\$87E3) OK
//-----

```

L_BRS_($87E6)_($87A5) OK
L_BRS_($87E6)_($87AC) OK
L_BRS_($87E6)_($87DA) OK
L_BRS_($87E6)_($87E1) OK
//-----
$87E6 AD 0D 7A LDA $7A0D
$87E9 3D 3A 7B AND $7B3A,X
$87EC 8D 0D 7A STA $7A0D
//-----
L_JMP_($87EF)_($877A) OK
L_JMP_($87EF)_($882E) OK
//-----
$87EF E8    INX
$87F0 E8    INX
$87F1 E0 10  CPX #$10
$87F3 F0 03  BEQ L_BRS_($87F8)_($87F3) OK
$87F5 4C 75 87 JMP L_JMP_($8775)_($87F5) OK
//-----
L_BRS_($87F8)_($87F3) OK
//-----
$87F8 60    RTS
//-----
L_BRS_($87F9)_($87D6) OK
//-----
$87F9 AD 0E 7A LDA $7A0E
$87FC 3D 3A 7B AND $7B3A,X
$87FF 8D 0E 7A STA $7A0E
$8802 4C 11 88 JMP L_JMP_($8811)_($8802) OK
//-----

```

L_JMP_(\$8805)_(\$87E3) OK
//-----
\$8805 AD 0E 7A LDA \$7A0E
\$8808 1D 4A 7B ORA \$7B4A,X
\$880B 8D 0E 7A STA \$7A0E
\$880E 4C 11 88 JMP L_JMP_(\$8811)_(\$880E) OK

//-----
L_JMP_(\$8811)_(\$8802) OK
L_JMP_(\$8811)_(\$880E) OK

//-----
\$8811 8A TXA
\$8812 4A LSR A
\$8813 A8 TAY
\$8814 AD 0D 7A LDA \$7A0D
\$8817 1D 4A 7B ORA \$7B4A,X
\$881A 8D 0D 7A STA \$7A0D
\$881D A9 20 LDA #\$20
\$881F 8D 0F 7A STA \$7A0F
\$8822 AD 49 7A LDA \$7A49
\$8825 9D 16 7A STA \$7A16,X
\$8828 AD 45 7A LDA \$7A45
\$882B 9D 17 7A STA \$7A17,X
\$882E 4C EF 87 JMP L_JMP_(\$87EF)_(\$882E) OK

\$8831 A2 08 LDX #\$08
//-----
L_BRS_(\$8833)_(\$8839) OK

//-----
\$8833 A0 FF LDY #\$FF
//-----

L_BRS_(\$8835)_(\$8836) OK

//-----

\$8835 88 DEY

\$8836 D0 FD BNE L_BRS_(\$8835)_(\$8836) OK

\$8838 CA DEX

\$8839 D0 F8 BNE L_BRS_(\$8833)_(\$8839) OK

\$883B 60 RTS

//-----

L_JMP_(\$883C)_(\$7FCA) OK

L_JMP_(\$883C)_(\$7FCF) OK

//-----

\$883C 8E 5C 89 STX \$895C

\$883F 8E 62 89 STX \$8962

\$8842 8E 68 89 STX \$8968

\$8845 8E 6E 89 STX \$896E

\$8848 8E 74 89 STX \$8974

\$884B 8E 7A 89 STX \$897A

\$884E 8E 80 89 STX \$8980

\$8851 E8 INX

\$8852 8E 86 89 STX \$8986

\$8855 8E 8C 89 STX \$898C

\$8858 8E 92 89 STX \$8992

\$885B 8E 98 89 STX \$8998

\$885E 8E 9E 89 STX \$899E

\$8861 8E A4 89 STX \$89A4

\$8864 E8 INX

\$8865 8E AA 89 STX \$89AA

\$8868 8E B0 89 STX \$89B0

\$886B AD 2E 7A LDA \$7A2E

\$886E 29 F8 AND #F8
\$8870 8D C2 89 STA \$89C2
\$8873 18 CLC
\$8874 AD 2F 7A LDA \$7A2F
\$8877 4A LSR A
\$8878 6E C2 89 ROR \$89C2
\$887B 4A LSR A
\$887C 6E C2 89 ROR \$89C2
\$887F 4A LSR A
\$8880 6E C2 89 ROR \$89C2
\$8883 AD 30 7A LDA \$7A30
\$8886 29 F8 AND #F8
\$8888 8D C3 89 STA \$89C3
\$888B 18 CLC
\$888C AD 31 7A LDA \$7A31
\$888F 4A LSR A
\$8890 6E C3 89 ROR \$89C3
\$8893 4A LSR A
\$8894 6E C3 89 ROR \$89C3
\$8897 4A LSR A
\$8898 6E C3 89 ROR \$89C3
\$889B AC C3 89 LDY \$89C3
\$889E B9 00 34 LDA \$3400,Y
\$88A1 8D 58 89 STA \$8958
\$88A4 B9 00 35 LDA \$3500,Y
\$88A7 8D 59 89 STA \$8959
\$88AA B9 01 34 LDA \$3401,Y
\$88AD 8D 5E 89 STA \$895E
\$88B0 B9 01 35 LDA \$3501,Y

\$88B3 8D 5F 89 STA \$895F
\$88B6 B9 02 34 LDA \$3402,Y
\$88B9 8D 64 89 STA \$8964
\$88BC B9 02 35 LDA \$3502,Y
\$88BF 8D 65 89 STA \$8965
\$88C2 B9 03 34 LDA \$3403,Y
\$88C5 8D 6A 89 STA \$896A
\$88C8 B9 03 35 LDA \$3503,Y
\$88CB 8D 6B 89 STA \$896B
\$88CE B9 04 34 LDA \$3404,Y
\$88D1 8D 70 89 STA \$8970
\$88D4 B9 04 35 LDA \$3504,Y
\$88D7 8D 71 89 STA \$8971
\$88DA B9 05 34 LDA \$3405,Y
\$88DD 8D 76 89 STA \$8976
\$88E0 B9 05 35 LDA \$3505,Y
\$88E3 8D 77 89 STA \$8977
\$88E6 B9 06 34 LDA \$3406,Y
\$88E9 8D 7C 89 STA \$897C
\$88EC B9 06 35 LDA \$3506,Y
\$88EF 8D 7D 89 STA \$897D
\$88F2 B9 07 34 LDA \$3407,Y
\$88F5 8D 82 89 STA \$8982
\$88F8 B9 07 35 LDA \$3507,Y
\$88FB 8D 83 89 STA \$8983
\$88FE B9 08 34 LDA \$3408,Y
\$8901 8D 88 89 STA \$8988
\$8904 B9 08 35 LDA \$3508,Y
\$8907 8D 89 89 STA \$8989

\$890A B9 09 34 LDA \$3409,Y
\$890D 8D 8E 89 STA \$898E
\$8910 B9 09 35 LDA \$3509,Y
\$8913 8D 8F 89 STA \$898F
\$8916 B9 0A 34 LDA \$340A,Y
\$8919 8D 94 89 STA \$8994
\$891C B9 0A 35 LDA \$350A,Y
\$891F 8D 95 89 STA \$8995
\$8922 B9 0B 34 LDA \$340B,Y
\$8925 8D 9A 89 STA \$899A
\$8928 B9 0B 35 LDA \$350B,Y
\$892B 8D 9B 89 STA \$899B
\$892E B9 0C 34 LDA \$340C,Y
\$8931 8D A0 89 STA \$89A0
\$8934 B9 0C 35 LDA \$350C,Y
\$8937 8D A1 89 STA \$89A1
\$893A B9 0D 34 LDA \$340D,Y
\$893D 8D A6 89 STA \$89A6
\$8940 B9 0D 35 LDA \$350D,Y
\$8943 8D A7 89 STA \$89A7
\$8946 B9 0E 34 LDA \$340E,Y
\$8949 8D AC 89 STA \$89AC
\$894C B9 0E 35 LDA \$350E,Y
\$894F 8D AD 89 STA \$89AD
\$8952 AC C2 89 LDY \$89C2
\$8955 A2 00 LDX # \$00

//-----

L_JMP_(\$8957)_(\$89B7) OK

//-----

\$8957 B9 00 50 LDA \$5000,Y
\$895A 9D 00 0C STA \$0C00,X
\$895D B9 00 51 LDA \$5100,Y
\$8960 9D 28 0C STA \$0C28,X
\$8963 B9 00 52 LDA \$5200,Y
\$8966 9D 50 0C STA \$0C50,X
\$8969 B9 00 53 LDA \$5300,Y
\$896C 9D 78 0C STA \$0C78,X
\$896F B9 00 54 LDA \$5400,Y
\$8972 9D A0 0C STA \$0CA0,X
\$8975 B9 00 55 LDA \$5500,Y
\$8978 9D C8 0C STA \$0CC8,X
\$897B B9 00 56 LDA \$5600,Y
\$897E 9D F0 0C STA \$0CF0,X
\$8981 B9 00 57 LDA \$5700,Y
\$8984 9D 18 0D STA \$0D18,X
\$8987 B9 00 58 LDA \$5800,Y
\$898A 9D 40 0D STA \$0D40,X
\$898D B9 00 59 LDA \$5900,Y
\$8990 9D 68 0D STA \$0D68,X
\$8993 B9 00 5A LDA \$5A00,Y
\$8996 9D 90 0D STA \$0D90,X
\$8999 B9 00 5B LDA \$5B00,Y
\$899C 9D B8 0D STA \$0DB8,X
\$899F B9 00 5C LDA \$5C00,Y
\$89A2 9D E0 0D STA \$0DE0,X
\$89A5 B9 00 5D LDA \$5D00,Y
\$89A8 9D 08 0E STA \$0E08,X
\$89AB B9 00 5E LDA \$5E00,Y


```
$89AE 9D 30 0E STA $0E30,X
$89B1 C8    INY
$89B2 E8    INX
$89B3 E0 28  CPX #$28
$89B5 F0 03  BEQ L_BRS_($89BA)_($89B5) OK
$89B7 4C 57 89 JMP L_JMP_($8957)_($89B7) OK
//-----
L_BRS_($89BA)_($89B5) OK
//-----
$89BA E0 28  CPX #$28
$89BC F0 03  BEQ L_BRS_($89C1)_($89BC) OK
$89BE EE B4 89 INC $89B4
//-----
L_BRS_($89C1)_($89BC) OK
//-----
$89C1 60    RTS
//-----
$89C2      .byte $00,$1A
//-----
L_JSR_($89C4)_($8AB4) OK
L_JSR_($89C4)_($8F3F) OK
L_JSR_($89C4)_($8F5A) OK
L_JSR_($89C4)_($97C8) OK
//-----
$89C4 A9 30  LDA #$30
$89C6 8D 34 7B STA $7B34
$89C9 8D 35 7B STA $7B35
$89CC 8D 36 7B STA $7B36
$89CF 8D 37 7B STA $7B37
```

```
$89D2 8D 38 7B STA $7B38
$89D5 8D 39 7B STA $7B39
//-----
L_BRS_($89D8)_($89EA) OK
//-----
$89D8 38 SEC
$89D9 A5 FE LDA $FE
$89DB E9 10 SBC #$10
$89DD 85 FE STA $FE
$89DF A5 FF LDA $FF
$89E1 E9 27 SBC #$27
$89E3 85 FF STA $FF
$89E5 90 05 BCC L_BRS_($89EC)_($89E5) OK
$89E7 EE 34 7B INC $7B34
$89EA B0 EC BCS L_BRS_($89D8)_($89EA) OK
//-----
L_BRS_($89EC)_($89E5) OK
//-----
$89EC A5 FE LDA $FE
$89EE 69 10 ADC #$10
$89F0 85 FE STA $FE
$89F2 A5 FF LDA $FF
$89F4 69 27 ADC #$27
$89F6 85 FF STA $FF
//-----
L_BRS_($89F8)_($8A0A) OK
//-----
$89F8 38 SEC
$89F9 A5 FE LDA $FE
```

```
$89FB E9 E8 SBC #$E8
$89FD 85 FE STA $FE
$89FF A5 FF LDA $FF
$8A01 E9 03 SBC #$03
$8A03 85 FF STA $FF
$8A05 90 05 BCC L_BRS_($8A0C)_($8A05) OK
$8A07 EE 35 7B INC $7B35
$8A0A B0 EC BCS L_BRS_($89F8)_($8A0A) OK
//-----
L_BRS_($8A0C)_($8A05) OK
//-----
$8A0C A5 FE LDA $FE
$8A0E 69 E8 ADC #$E8
$8A10 85 FE STA $FE
$8A12 A5 FF LDA $FF
$8A14 69 03 ADC #$03
$8A16 85 FF STA $FF
//-----
L_BRS_($8A18)_($8A2A) OK
//-----
$8A18 38 SEC
$8A19 A5 FE LDA $FE
$8A1B E9 64 SBC #$64
$8A1D 85 FE STA $FE
$8A1F A5 FF LDA $FF
$8A21 E9 00 SBC #$00
$8A23 85 FF STA $FF
$8A25 90 05 BCC L_BRS_($8A2C)_($8A25) OK
$8A27 EE 36 7B INC $7B36
```

\$8A2A B0 EC BCS L_BRS_(\$8A18)_(\$8A2A) OK

//-----

L_BRS_(\$8A2C)_(\$8A25) OK

//-----

\$8A2C A5 FE LDA \$FE

\$8A2E 69 64 ADC #\$64

\$8A30 85 FE STA \$FE

//-----

L_BRS_(\$8A32)_(\$8A3E) OK

//-----

\$8A32 38 SEC

\$8A33 A5 FE LDA \$FE

\$8A35 E9 0A SBC #\$0A

\$8A37 85 FE STA \$FE

\$8A39 90 05 BCC L_BRS_(\$8A40)_(\$8A39) OK

\$8A3B EE 37 7B INC \$7B37

\$8A3E B0 F2 BCS L_BRS_(\$8A32)_(\$8A3E) OK

//-----

L_BRS_(\$8A40)_(\$8A39) OK

//-----

\$8A40 A5 FE LDA \$FE

\$8A42 69 0A ADC #\$0A

\$8A44 85 FE STA \$FE

//-----

L_BRS_(\$8A46)_(\$8A52) OK

//-----

\$8A46 38 SEC

\$8A47 A5 FE LDA \$FE

\$8A49 E9 01 SBC #\$01

```

$8A4B 85 FE STA $FE
$8A4D 90 05 BCC L_BRS_($8A54)_($8A4D) OK
$8A4F EE 38 7B INC $7B38
$8A52 B0 F2 BCS L_BRS_($8A46)_($8A52) OK
//-----
L_BRS_($8A54)_($8A4D) OK
//-----
$8A54 A5 FE LDA $FE
$8A56 69 01 ADC #$01
$8A58 85 FE STA $FE
$8A5A 60 RTS
//-----
$8A5B A2 06 LDX #$06
$8A5D A9 D5 LDA #$D5
//-----
L_BRS_($8A5F)_($8A63) OK
//-----
$8A5F 9D 78 C3 STA $C378,X
$8A62 CA DEX
$8A63 D0 FA BNE L_BRS_($8A5F)_($8A63) OK
$8A65 A9 06 LDA #$06
$8A67 8D FC 7B STA $7BFC
$8A6A 60 RTS
//-----
$8A6B .byte $00
//-----
L_JSR_($8A6C)_($85A8) OK
L_JSR_($8A6C)_($8622) OK
L_JSR_($8A6C)_($9E01) OK

```

```

//-----
$8A6C 8D 6B 8A STA $8A6B
$8A6F 98 TYA
$8A70 48 PHA
//-----
L_BRS_($8A71)_($8A94) OK
//-----
$8A71 AD 3C 7F LDA $7F3C
$8A74 D0 25 BNE L_BRS_($8A9B)_($8A74) OK
$8A76 AE FC 7B LDX $7BFC
$8A79 FE 78 C3 INC $C378,X
$8A7C BD 78 C3 LDA $C378,X
$8A7F C9 DD CMP #$DD
$8A81 D0 0E BNE L_BRS_($8A91)_($8A81) OK
$8A83 A9 F2 LDA #$F2
$8A85 9D 78 C3 STA $C378,X
$8A88 CA DEX
$8A89 D0 03 BNE L_BRS_($8A8E)_($8A89) OK
$8A8B 20 CF A2 JSR $A2CF
//-----
L_BRS_($8A8E)_($8A89) OK
//-----
$8A8E 8E FC 7B STX $7BFC
//-----
L_BRS_($8A91)_($8A81) OK
//-----
$8A91 CE 6B 8A DEC $8A6B
$8A94 D0 DB BNE L_BRS_($8A71)_($8A94) OK
$8A96 A9 04 LDA #$04

```

\$8A98 20 03 10 JSR L_JSR_(\$1003)_(\$8A98) OK

//-----

L_BRS_(\$8A9B)_(\$8A74) OK

//-----

\$8A9B 68 PLA

\$8A9C A8 TAY

\$8A9D 60 RTS

//-----

L_JSR_(\$8A9E)_(\$8ED7) OK

L_JSR_(\$8A9E)_(\$8EEB) OK

L_JSR_(\$8A9E)_(\$9201) OK

//-----

\$8A9E 18 CLC

\$8A9F 6D 30 7B ADC \$7B30

\$8AA2 8D 30 7B STA \$7B30

\$8AA5 90 03 BCC L_BRS_(\$8AAA)_(\$8AA5) OK

\$8AA7 EE 31 7B INC \$7B31

//-----

L_BRS_(\$8AAA)_(\$8AA5) OK

//-----

\$8AAA AD 30 7B LDA \$7B30

\$8AAD 85 FE STA \$FE

\$8AAF AD 31 7B LDA \$7B31

\$8AB2 85 FF STA \$FF

\$8AB4 20 C4 89 JSR L_JSR_(\$89C4)_(\$8AB4) OK

\$8AB7 A0 05 LDY #\$05

//-----

L_BRS_(\$8AB9)_(\$8AC3) OK

//-----

```
$8AB9 B9 34 7B LDA $7B34,Y
$8ABC 18 CLC
$8ABD 69 AD ADC #$AD
$8ABF 99 51 C3 STA $C351,Y
$8AC2 88 DEY
$8AC3 10 F4 BPL L_BRS_($8AB9)_($8AC3) OK
$8AC5 60 RTS
//-----
L_JSR_($8AC6)_($8566) OK
L_JSR_($8AC6)_($91D3) OK
L_JSR_($8AC6)_($91E1) OK
L_JSR_($8AC6)_($9580) OK
//-----
$8AC6 10 05 BPL L_BRS_($8ACD)_($8AC6) OK
$8AC8 49 FF EOR #$FF
$8ACA 18 CLC
$8ACB 69 01 ADC #$01
//-----
L_BRS_($8ACD)_($8AC6) OK
//-----
$8ACD 60 RTS
//-----
L_JSR_($8ACE)_($8580) OK
L_JSR_($8ACE)_($85E6) OK
//-----
$8ACE A5 FF LDA $FF
$8AD0 10 12 BPL L_BRS_($8AE4)_($8AD0) OK
$8AD2 A5 FE LDA $FE
$8AD4 49 FF EOR #$FF
```



```

$8AD6 85 FE STA $FE
$8AD8 A5 FF LDA $FF
$8ADA 49 FF EOR #$FF
$8ADC 85 FF STA $FF
$8ADE E6 FE INC $FE
$8AE0 D0 02 BNE L_BRS_($8AE4)_($8AE0) OK
$8AE2 E6 FF INC $FF
//-----
L_BRS_($8AE4)_($8AD0) OK
L_BRS_($8AE4)_($8AE0) OK
L_BRS_($8AE4)_($8AF3) OK
//-----
$8AE4 60 RTS
//-----
$8AE5 .byte $17
$8AE6 16 15 ASL $15,X
$8AE8 .byte $14,$13,$12
$8AEB 11 10 ORA ($10),Y
$8AED 10 00 BPL L_BRS_($8AEF)_($8AED) JAM
//-----
L_BRS_($8AEF)_($8AED) JAM
//-----
$8AEF .byte $00
//-----
L_JMP_($8AF0)_($8B60) OK
//-----
$8AF0 AD 55 AC LDA $AC55
$8AF3 D0 EF BNE L_BRS_($8AE4)_($8AF3) OK
$8AF5 18 CLC

```

```
$8AF6 AD EE 8A LDA $8AEE
$8AF9 69 05 ADC #$05
$8AFB 8D EE 8A STA $8AEE
$8AFE 90 4E BCC L_BRS_($8B4E)_($8AFE) OK
$8B00 18 CLC
$8B01 AD EF 8A LDA $8AEF
$8B04 69 01 ADC #$01
$8B06 29 07 AND #$07
$8B08 8D EF 8A STA $8AEF
$8B0B C9 07 CMP #$07
$8B0D D0 3F BNE L_BRS_($8B4E)_($8B0D) OK
$8B0F A9 D2 LDA #$D2
$8B11 8D EE 8A STA $8AEE
$8B14 AD 2F 7D LDA $7D2F
$8B17 29 0F AND #$0F
$8B19 C9 0A CMP #$0A
$8B1B 90 02 BCC L_BRS_($8B1F)_($8B1B) OK
$8B1D 29 07 AND #$07
//-----
L_BRS_($8B1F)_($8B1B) OK
//-----
$8B1F AA TAX
$8B20 BD 34 B6 LDA $B634,X
$8B23 85 FE STA $FE
$8B25 BD 3E B6 LDA $B63E,X
$8B28 85 FF STA $FF
$8B2A A0 00 LDY #$00
$8B2C A9 00 LDA #$00
$8B2E 91 FE STA ($FE),Y
```

\$8B30 C8 INY
\$8B31 91 FE STA (\$FE),Y
\$8B33 20 4B 93 JSR L_JSR_(\$934B)_(\$8B33) OK
\$8B36 A9 00 LDA #\$00
\$8B38 91 FE STA (\$FE),Y
\$8B3A 88 DEY
\$8B3B 91 FE STA (\$FE),Y
\$8B3D 20 4B 93 JSR L_JSR_(\$934B)_(\$8B3D) OK
\$8B40 A9 56 LDA #\$56
\$8B42 91 FE STA (\$FE),Y
\$8B44 C8 INY
\$8B45 A9 57 LDA #\$57
\$8B47 91 FE STA (\$FE),Y
\$8B49 A9 07 LDA #\$07
\$8B4B 8D 21 DO STA \$D021
//-----
L_BRS_(\$8B4E)_(\$8AFE) OK
L_BRS_(\$8B4E)_(\$8B0D) OK
//-----
\$8B4E AD EE 8A LDA \$8AEE
\$8B51 29 03 AND #\$03
\$8B53 4A LSR A
\$8B54 18 CLC
\$8B55 6D EF 8A ADC \$8AEF
\$8B58 AA TAX
\$8B59 BD E5 8A LDA \$8AE5,X
\$8B5C 8D 10 7C STA \$7C10
\$8B5F 60 RTS

//-----

```
L_BRS_($8B60)_($8B76) OK
//-----
$8B60 4C F0 8A JMP L_JMP_($8AF0)_($8B60) OK
//-----
L_BRS_($8B63)_($8B6E) OK
//-----
$8B63 4C 27 8C JMP L_JMP_($8C27)_($8B63) OK
//-----
L_BRS_($8B66)_($8B72) OK
//-----
$8B66 4C 68 8C JMP L_JMP_($8C68)_($8B66) OK
//-----
L_JSR_($8B69)_($7E7F) OK
//-----
$8B69 AD 2D 7D LDA $7D2D
$8B6C C9 03 CMP #$03
$8B6E F0 F3 BEQ L_BRS_($8B63)_($8B6E) OK
$8B70 C9 02 CMP #$02
$8B72 F0 F2 BEQ L_BRS_($8B66)_($8B72) OK
$8B74 C9 01 CMP #$01
$8B76 F0 E8 BEQ L_BRS_($8B60)_($8B76) OK
$8B78 AD 5F 7A LDA $7A5F
$8B7B F0 03 BEQ L_BRS_($8B80)_($8B7B) OK
$8B7D 4C 55 8C JMP L_JMP_($8C55)_($8B7D) OK
//-----
L_BRS_($8B80)_($8B7B) OK
//-----
$8B80 A9 03 LDA #$03
$8B82 18 CLC
```

```

$8B83 69 01  ADC #$01
$8B85 29 03  AND #$03
$8B87 8D 81 8B STA $8B81
$8B8A F0 15  BEQ L_BRS_($8BA1)_($8B8A) OK
$8B8C A9 02  LDA #$02
$8B8E 4C A3 8B JMP L_JMP_($8BA3)_($8B8E) OK
$8B91      .byte $00,$0F,$00
$8B94 08    PHP
$8B95      .byte $0C,$02,$0B,$00,$00,$0C,$00,$02
$8B9D      .byte $0B
$8B9E 09 00  ORA #$00
$8BA0      .byte $00
//-----
L_BRS_($8BA1)_($8B8A) OK
//-----
$8BA1 A9 01  LDA #$01
//-----
L_JMP_($8BA3)_($8B8E) OK
//-----
$8BA3 18    CLC
$8BA4 6D FA 7B ADC $7BFA
$8BA7 8D FA 7B STA $7BFA
$8BAA 90 65  BCC L_BRS_($8C11)_($8BAA) OK
$8BAC EE FB 7B INC $7BFB
$8BAF AE FB 7B LDX $7BFB
$8BB2 BD 91 8B LDA $8B91,X
$8BB5 F0 50  BEQ L_BRS_($8C07)_($8BB5) OK
$8BB7 8D D8 8B STA $8BD8
$8BBA 8D E4 8B STA $8BE4

```

```
$8BBD 8D F0 8B STA $8BF0
$8BC0 8D FC 8B STA $8BFC
$8BC3 BD 99 8B LDA $8B99,X
$8BC6 8D DC 8B STA $8BDC
$8BC9 8D E8 8B STA $8BE8
$8BCC 8D F4 8B STA $8BF4
$8BCF 8D 00 8C STA $8C00
$8BD2 A2 3F LDX #$3F
//-----
L_BRS_($8BD4)_($8C05) OK
//-----
$8BD4 BD 00 30 LDA $3000,X
$8BD7 C9 0C CMP #$0C
$8BD9 D0 05 BNE L_BRS_($8BE0)_($8BD9) OK
$8BDB A9 0B LDA #$0B
$8BDD 9D 00 30 STA $3000,X
//-----
L_BRS_($8BE0)_($8BD9) OK
//-----
$8BE0 BD 40 30 LDA $3040,X
$8BE3 C9 00 CMP #$00
$8BE5 D0 05 BNE L_BRS_($8BEC)_($8BE5) OK
$8BE7 A9 00 LDA #$00
$8BE9 9D 40 30 STA $3040,X
//-----
L_BRS_($8BEC)_($8BE5) OK
//-----
$8BEC BD 80 30 LDA $3080,X
$8BEF C9 00 CMP #$00
```

```
$8BF1 D0 05 BNE L_BRS_($8BF8)_($8BF1) OK
$8BF3 A9 00 LDA #$00
$8BF5 9D 80 30 STA $3080,X
//-----
L_BRS_($8BF8)_($8BF1) OK
//-----
$8BF8 BD C0 30 LDA $30C0,X
$8BFB C9 00 CMP #$00
$8BFD D0 05 BNE L_BRS_($8C04)_($8BFD) OK
$8BFF A9 00 LDA #$00
$8C01 9D C0 30 STA $30C0,X
//-----
L_BRS_($8C04)_($8BFD) OK
//-----
$8C04 CA DEX
$8C05 10 CD BPL L_BRS_($8BD4)_($8C05) OK
//-----
L_BRS_($8C07)_($8BB5) OK
//-----
$8C07 AD FB 7B LDA $7BFB
$8C0A C9 07 CMP #$07
$8C0C D0 03 BNE L_BRS_($8C11)_($8C0C) OK
$8C0E 20 CF A2 JSR $A2CF
//-----
L_BRS_($8C11)_($8BAA) OK
L_BRS_($8C11)_($8C0C) OK
//-----
$8C11 AD FA 7B LDA $7BFA
$8C14 29 02 AND #$02
```

```
$8C16 4A    LSR A
$8C17 18    CLC
$8C18 6D FB 7B  ADC $7BFB
$8C1B 69 A8    ADC #$A8
$8C1D C9 AF    CMP #$AF
$8C1F 90 02    BCC L_BRS_($8C23)_($8C1F) OK
$8C21 A9 AE    LDA #$AE
//-----
L_BRS_($8C23)_($8C1F) OK
//-----
$8C23 8D 11 7C  STA $7C11
$8C26 60     RTS
//-----
L_JMP_($8C27)_($8B63) OK
//-----
$8C27 18     CLC
$8C28 AD 40 7D  LDA $7D40
$8C2B 69 03    ADC #$03
$8C2D 8D 40 7D  STA $7D40
$8C30 90 0D    BCC L_BRS_($8C3F)_($8C30) OK
$8C32 EE 41 7D  INC $7D41
$8C35 AD 41 7D  LDA $7D41
$8C38 C9 10    CMP #$10
$8C3A D0 03    BNE L_BRS_($8C3F)_($8C3A) OK
$8C3C 20 CF A2  JSR $A2CF
//-----
L_BRS_($8C3F)_($8C30) OK
L_BRS_($8C3F)_($8C3A) OK
//-----
```



```

$8C3F AD 40 7D LDA $7D40
$8C42 29 03 AND #$03
$8C44 4A LSR A
$8C45 18 CLC
$8C46 69 04 ADC #$04
$8C48 8D 10 7C STA $7C10
$8C4B AE 41 7D LDX $7D41
$8C4E BD 44 7D LDA $7D44,X
$8C51 8D 18 7C STA $7C18
$8C54 60 RTS
//-----
L_JMP_($8C55)_($8B7D) OK
//-----
$8C55 EE 37 7A INC $7A37
$8C58 AD 37 7A LDA $7A37
$8C5B 29 01 AND #$01
$8C5D F0 08 BEQ L_BRS_($8C67)_($8C5D) OK
$8C5F EE 34 7A INC $7A34
$8C62 D0 03 BNE L_BRS_($8C67)_($8C62) OK
$8C64 EE 35 7A INC $7A35
//-----
L_BRS_($8C67)_($8C5D) OK
L_BRS_($8C67)_($8C62) OK
//-----
$8C67 60 RTS
//-----
L_JMP_($8C68)_($8B66) OK
//-----
$8C68 A9 00 LDA #$00

```

```
$8C6A A9 00 LDA #$00
$8C6C 18 CLC
$8C6D 69 01 ADC #$01
$8C6F 29 0F AND #$0F
$8C71 8D 6B 8C STA $8C6B
$8C74 29 01 AND #$01
$8C76 F0 2C BEQ L_BRS_($8CA4)_($8C76) OK
$8C78 AD 9A 7B LDA $7B9A
$8C7B C9 02 CMP #$02
$8C7D F0 25 BEQ L_BRS_($8CA4)_($8C7D) OK
$8C7F AD 6B 8C LDA $8C6B
$8C82 C9 01 CMP #$01
$8C84 F0 1E BEQ L_BRS_($8CA4)_($8C84) OK
$8C86 C9 09 CMP #$09
$8C88 F0 1A BEQ L_BRS_($8CA4)_($8C88) OK
$8C8A C9 08 CMP #$08
$8C8C 90 0E BCC L_BRS_($8C9C)_($8C8C) OK
$8C8E AD 30 7A LDA $7A30
$8C91 D0 03 BNE L_BRS_($8C96)_($8C91) OK
$8C93 CE 31 7A DEC $7A31
//-----
L_BRS_($8C96)_($8C91) OK
//-----
$8C96 CE 30 7A DEC $7A30
$8C99 4C A4 8C JMP L_JMP_($8CA4)_($8C99) OK
//-----
L_BRS_($8C9C)_($8C8C) OK
//-----
$8C9C EE 30 7A INC $7A30
```

\$8C9F D0 03 BNE L_BRS_(\$8CA4)_(\$8C9F) OK

\$8CA1 EE 31 7A INC \$7A31

//-----

L_BRS_(\$8CA4)_(\$8C76) OK

L_BRS_(\$8CA4)_(\$8C7D) OK

L_BRS_(\$8CA4)_(\$8C84) OK

L_BRS_(\$8CA4)_(\$8C88) OK

L_JMP_(\$8CA4)_(\$8C99) OK

L_BRS_(\$8CA4)_(\$8C9F) OK

//-----

\$8CA4 18 CLC

\$8CA5 AD 58 7D LDA \$7D58

\$8CA8 69 19 ADC #\$19

\$8CAA 8D 58 7D STA \$7D58

\$8CAD 90 0B BCC L_BRS_(\$8CBA)_(\$8CAD) OK

\$8CAF EE 59 7D INC \$7D59

\$8CB2 D0 06 BNE L_BRS_(\$8CBA)_(\$8CB2) OK

\$8CB4 CE 59 7D DEC \$7D59

\$8CB7 CE 59 7D DEC \$7D59

//-----

L_BRS_(\$8CBA)_(\$8CAD) OK

L_BRS_(\$8CBA)_(\$8CB2) OK

//-----

\$8CBA AD 59 7D LDA \$7D59

\$8CBD C9 80 CMP #\$80

\$8CBF B0 02 BCS L_BRS_(\$8CC3)_(\$8CBF) OK

\$8CC1 A9 00 LDA #\$00

//-----

L_BRS_(\$8CC3)_(\$8CBF) OK

//-----

\$8CC3 29 01 AND #\$01

\$8CC5 AA TAX

\$8CC6 BD 42 7D LDA \$7D42,X

\$8CC9 A0 7D LDY #\$7D

//-----

L_BRS_(\$8CCB)_(\$8CD1) OK

//-----

\$8CCB 99 00 30 STA \$3000,Y

\$8CCE 88 DEY

\$8CCF C0 73 CPY #\$73

\$8CD1 D0 F8 BNE L_BRS_(\$8CCB)_(\$8CD1) OK

\$8CD3 A0 4A LDY #\$4A

//-----

L_BRS_(\$8CD5)_(\$8CDB) OK

//-----

\$8CD5 99 00 30 STA \$3000,Y

\$8CD8 88 DEY

\$8CD9 C0 43 CPY #\$43

\$8CDB D0 F8 BNE L_BRS_(\$8CD5)_(\$8CDB) OK

\$8CDD 8D 4F 30 STA \$304F

\$8CE0 8D 50 30 STA \$3050

\$8CE3 8D 51 30 STA \$3051

\$8CE6 8D 52 30 STA \$3052

//-----

L_BRS_(\$8CE9)_(\$8D56) OK

//-----

\$8CE9 AD 59 7D LDA \$7D59

\$8CEC 4A LSR A

```
$8CED 4A    LSR A
$8CEE 4A    LSR A
$8CEF 4A    LSR A
$8CF0 AA    TAX
$8CF1 BD 47 7D LDA $7D47,X
$8CF4 8D 18 7C STA $7C18
$8CF7 AD 59 7D LDA $7D59
$8CFA 29 01  AND #$01
$8CFC AA    TAX
$8CFD BD 5A 7D LDA $7D5A,X
$8D00 8D F8 30 STA $30F8
$8D03 8D F9 30 STA $30F9
$8D06 60    RTS
//-----
L_JSR_($8D07)_($7E9A) OK
L_BRS_($8D09)_($8D76) BAD
//-----
$8D07 AD 2D 7D LDA $7D2D
$8D0A D0 3D  BNE L_BRS_($8D49)_($8D0A) OK
$8D0C AD 38 7C LDA $7C38
$8D0F F0 38  BEQ L_BRS_($8D49)_($8D0F) OK
$8D11 C9 04  CMP #$04
$8D13 F0 34  BEQ L_BRS_($8D49)_($8D13) OK
$8D15 18    CLC
$8D16 AD 37 7C LDA $7C37
$8D19 69 0F  ADC #$0F
$8D1B 8D 37 7C STA $7C37
$8D1E 90 29  BCC L_BRS_($8D49)_($8D1E) OK
$8D20 A9 0A  LDA #$0A
```

\$8D22 20 03 10 JSR L_JSR_(\$1003)_(\$8D22) OK

\$8D25 EE 38 7C INC \$7C38

//-----

L_BRS_(\$8D29)_(\$8D96) BAD

//-----

\$8D28 AD 38 7C LDA \$7C38

\$8D2B 38 SEC

\$8D2C E9 01 SBC #\$01

\$8D2E 0A ASL A

\$8D2F 0A ASL A

\$8D30 0A ASL A

\$8D31 0A ASL A

\$8D32 0A ASL A

\$8D33 18 CLC

\$8D34 69 0D ADC #\$0D

\$8D36 AA TAX

\$8D37 A0 0D LDY #\$0D

//-----

L_BRS_(\$8D39)_(\$8D47) OK

//-----

\$8D39 BD 4A 8D LDA \$8D4A,X

\$8D3C 99 4A 66 STA \$664A,Y

\$8D3F BD 58 8D LDA \$8D58,X

\$8D42 99 4A 67 STA \$674A,Y

\$8D45 CA DEX

\$8D46 88 DEY

\$8D47 10 F0 BPL L_BRS_(\$8D39)_(\$8D47) OK

//-----

L_BRS_(\$8D49)_(\$8D0A) OK

```
L_BRS_($8D49)_($8D0F) OK
L_BRS_($8D49)_($8D13) OK
L_BRS_($8D49)_($8D1E) OK
L_BRS_($8D49)_($8DB6) OK
//-----
$8D49 60   RTS
//-----
$8D4A     .byte $80
$8D4B 81 84  STA ($84,X)
$8D4D 85 84  STA $84
//-----
L_BRS_($8D50)_($8D7D) BAD
//-----
$8D4F 85 84  STA $84
$8D51 85 84  STA $84
$8D53 85 88  STA $88
$8D55     .byte $89
$8D56 90 91  BCC L_BRS_($8CE9)_($8D56) OK
$8D58     .byte $82,$83
$8D5A 86 86  STX $86
$8D5C 86 86  STX $86
$8D5E 86 86  STX $86
$8D60 86 86  STX $86
$8D62 8A    TXA
$8D63     .byte $8B,$92,$93,$00,$00,$00,$00,$80
$8D6B 81 84  STA ($84,X)
$8D6D 85 CB  STA $CB
$8D6F CC CD CE  CPY $CECD
$8D72 84 85  STY $85
```

\$8D74 88 DEY
\$8D75 .byte \$89
\$8D76 90 91 BCC L_BRS_(\$8D09)_(\$8D76) BAD
\$8D78 .byte \$82,\$83
\$8D7A 86 86 STX \$86
\$8D7C .byte \$CF
\$8D7D D0 D1 BNE L_BRS_(\$8D50)_(\$8D7D) BAD
\$8D7F .byte \$D2
\$8D80 86 86 STX \$86
\$8D82 8A TXA
\$8D83 .byte \$8B,\$92,\$93,\$00,\$00,\$00,\$00,\$80
\$8D8B 81 84 STA (\$84,X)
\$8D8D .byte \$D3,\$D4
\$8D8F D5 D6 CMP \$D6,X
\$8D91 .byte \$D7
\$8D92 D8 CLD
\$8D93 85 88 STA \$88
\$8D95 .byte \$89
\$8D96 90 91 BCC L_BRS_(\$8D29)_(\$8D96) BAD
\$8D98 .byte \$82,\$83
\$8D9A 86 D9 STX \$D9
\$8D9C .byte \$DB,\$DB,\$DC
\$8D9F DD DE 86 CMP \$86DE,X
\$8DA2 8A TXA
\$8DA3 .byte \$8B,\$92,\$93,\$00,\$00,\$00,\$00,\$80
\$8DAB 81 84 STA (\$84,X)
\$8DAD .byte \$DF,\$14,\$14,\$14,\$14
\$8DB2 E0 85 CPX #85
\$8DB4 88 DEY


```

$8DB5    .byte $89
$8DB6 90 91  BCC L_BRS_($8D49)_($8DB6) OK
$8DB8    .byte $82,$83
$8DBA 86 E1  STX $E1
$8DBC    .byte $14,$14,$14,$14,$E2
$8DC1 86 8A  STX $8A
$8DC3    .byte $8B,$92,$93,$00,$00,$00,$00
$8DCA 60    RTS
//-----
$8DCB 61 00  ADC ($00,X)
$8DCD    .byte $00,$00,$00,$00,$00,$00,$00,$00
$8DD5    .byte $00,$74
$8DD7 75 62  ADC $62,X
$8DD9    .byte $63,$00,$00,$00,$00,$00,$00,$00
$8DE1    .byte $00,$00,$00
$8DE4 76 77  ROR $77,X
$8DE6    .byte $00,$00,$00,$00
//-----
L_JSR_($8DEA)_($81DB) OK
//-----
$8DEA A9 0F  LDA #$0F
$8DEC 8D 15 D0 STA $D015
$8DEF 8D 10 D0 STA $D010
$8DF2 A9 00  LDA #$00
$8DF4 8D 1D D0 STA $D01D
$8DF7 A9 6A  LDA #$6A
$8DF9 8D 1C D0 STA $D01C
$8DFC A9 00  LDA #$00
$8DFE 8D 1B D0 STA $D01B

```

```
$8E01 20 BE A7 JSR $A7BE
$8E04 20 91 A7 JSR $A791
$8E07 A2 07 LDX #07
//-----
L_BRS_($8E09)_($8E10) OK
//-----
$8E09 BD 05 7A LDA $7A05,X
$8E0C 9D 27 D0 STA $D027,X
$8E0F CA DEX
$8E10 10 F7 BPL L_BRS_($8E09)_($8E10) OK
$8E12 A9 00 LDA #00
$8E14 F0 1D BEQ L_BRS_($8E33)_($8E14) OK
$8E16 A9 01 LDA #01
$8E18 8D 2C D0 STA $D02C
$8E1B 8D 2D D0 STA $D02D
$8E1E AD E4 7B LDA $7BE4
$8E21 49 01 EOR #01
$8E23 8D E4 7B STA $7BE4
$8E26 CE 13 8E DEC $8E13
$8E29 D0 08 BNE L_BRS_($8E33)_($8E29) OK
$8E2B A9 00 LDA #00
$8E2D 8D A4 7B STA $7BA4
$8E30 8D A6 7B STA $7BA6
//-----
L_BRS_($8E33)_($8E14) OK
L_BRS_($8E33)_($8E29) OK
//-----
$8E33 A9 09 LDA #09
$8E35 8D 26 D0 STA $D026
```

```
$8E38 A9 08 LDA #$08
$8E3A 8D 25 D0 STA $D025
$8E3D AD 10 D0 LDA $D010
$8E40 0D 0E 7A ORA $7A0E
$8E43 8D 10 D0 STA $D010
$8E46 AD 15 D0 LDA $D015
$8E49 0D 0D 7A ORA $7A0D
$8E4C 8D 15 D0 STA $D015
$8E4F A2 0F LDX #$0F
//-----
L_BRS_($8E51)_($8E5A) OK
//-----
$8E51 BD 16 7A LDA $7A16,X
$8E54 9D 00 D0 STA $D000,X
$8E57 CA DEX
$8E58 E0 07 CPX #$07
$8E5A D0 F5 BNE L_BRS_($8E51)_($8E5A) OK
$8E5C A9 24 LDA #$24
$8E5E 0D 5B 7A ORA $7A5B
$8E61 8D FC 07 STA $07FC
$8E64 8D FC 0F STA $0FFC
$8E67 A9 25 LDA #$25
$8E69 0D 5C 7A ORA $7A5C
$8E6C 8D FD 07 STA $07FD
$8E6F 8D FD 0F STA $0FFD
$8E72 A9 26 LDA #$26
$8E74 0D 5D 7A ORA $7A5D
$8E77 8D FE 07 STA $07FE
$8E7A 8D FE 0F STA $0FFE
```

```
$8E7D A9 27 LDA #$27
$8E7F 0D 5E 7A ORA $7A5E
$8E82 8D FF 07 STA $07FF
$8E85 8D FF 0F STA $0FFF
$8E88 AD 3C 7F LDA $7F3C
$8E8B 30 19 BMI L_BRS_($8EA6)_($8E8B) OK
$8E8D AD 10 81 LDA $8110
$8E90 D0 14 BNE L_BRS_($8EA6)_($8E90) OK
$8E92 AD B4 89 LDA $89B4
$8E95 C9 28 CMP #$28
$8E97 F0 19 BEQ L_BRS_($8EB2)_($8E97) OK
$8E99 AD AF 7A LDA $7AAF
$8E9C D0 08 BNE L_BRS_($8EA6)_($8E9C) OK
//-----
L_BRS_($8E9E)_($8EAB) OK
//-----
$8E9E AD 15 D0 LDA $D015
$8EA1 29 1F AND #$1F
$8EA3 4C AF 8E JMP L_JMP_($8EAF)_($8EA3) OK
//-----
L_BRS_($8EA6)_($8E8B) OK
L_BRS_($8EA6)_($8E90) OK
L_BRS_($8EA6)_($8E9C) OK
//-----
$8EA6 AD 2D 7D LDA $7D2D
$8EA9 C9 03 CMP #$03
$8EAB F0 F1 BEQ L_BRS_($8E9E)_($8EAB) OK
$8EAD A9 00 LDA #$00
//-----
```

```

L_JMP_($8EAF)_($8EA3) OK
//-----
$8EAF 8D 15 D0 STA $D015
//-----
L_BRS_($8EB2)_($8E97) OK
//-----
$8EB2 60    RTS
//-----
$8EB3 60    RTS
//-----
L_JMP_($8EB4)_($7EE1) OK
//-----
$8EB4 AD B4 89 LDA $89B4
$8EB7 C9 28    CMP #$28
$8EB9 F0 08    BEQ L_BRS_($8EC3)_($8EB9) OK
$8EBB A9 00    LDA #$00
$8EBD 8D AF 7A STA $7AAF
$8EC0 4C 68 7E JMP L_JMP_($7E68)_($8EC0) OK
//-----
L_BRS_($8EC3)_($8EB9) OK
//-----
$8EC3 A9 00    LDA #$00
$8EC5 8D 3C 7F STA $7F3C
$8EC8 AD 9A 7B LDA $7B9A
$8ECB F0 03    BEQ L_BRS_($8ED0)_($8ECB) OK
$8ECD 4C 68 7E JMP L_JMP_($7E68)_($8ECD) OK
//-----
L_BRS_($8ED0)_($8ECB) OK
L_BRS_($8ED0)_($8EE2) OK

```

```

//-----
$8ED0 A9 01  LDA #$01
$8ED2 20 00 02 JSR $0200
$8ED5 A9 0A  LDA #$0A
$8ED7 20 9E 8A JSR L_JSR_($8A9E)_($8ED7) OK
$8EDA A0 0A  LDY #$0A
$8EDC 20 2C 8F JSR L_JSR_($8F2C)_($8EDC) OK
$8EDF AD FC 7B LDA $7BFC
$8EE2 D0 EC  BNE L_BRS_($8ED0)_($8EE2) OK
$8EE4 A0 14  LDY #$14
$8EE6 20 2C 8F JSR L_JSR_($8F2C)_($8EE6) OK
$8EE9 A9 64  LDA #$64
$8EEB 20 9E 8A JSR L_JSR_($8A9E)_($8EEB) OK
$8EEE A0 23  LDY #$23
$8EF0 20 2C 8F JSR L_JSR_($8F2C)_($8EF0) OK
$8EF3 A9 01  LDA #$01
$8EF5 8D 3C 7F STA $7F3C
//-----
L_BRS_($8EF8)_($8F00) OK
//-----
$8EF8 20 A3 7F JSR L_JSR_($7FA3)_($8EF8) OK
$8EFB 20 3B 7F JSR L_JSR_($7F3B)_($8EFB) OK
$8EFE C0 28  CPY #$28
$8F00 D0 F6  BNE L_BRS_($8EF8)_($8F00) OK
$8F02 AD 2D 7D LDA $7D2D
$8F05 C9 03  CMP #$03
$8F07 D0 06  BNE L_BRS_($8F0F)_($8F07) OK
$8F09 20 46 9C JSR L_JSR_($9C46)_($8F09) OK
$8F0C 4C 85 7D JMP L_JMP_($7D85)_($8F0C) OK

```

```

//-----
L_BRS_($8F0F)_($8F07) OK
//-----
$8F0F AD 2D 7D LDA $7D2D
$8F12 D0 0D BNE L_BRS_($8F21)_($8F12) OK
$8F14 AD 5F 7A LDA $7A5F
$8F17 D0 08 BNE L_BRS_($8F21)_($8F17) OK
$8F19 A9 01 LDA #$01
$8F1B 8D 5F 7A STA $7A5F
$8F1E 4C 29 8F JMP L_JMP_($8F29)_($8F1E) OK
//-----
L_BRS_($8F21)_($8F12) OK
L_BRS_($8F21)_($8F17) OK
//-----
$8F21 A9 00 LDA #$00
$8F23 8D 5F 7A STA $7A5F
$8F26 EE 2D 7D INC $7D2D
//-----
L_JMP_($8F29)_($8F1E) OK
//-----
$8F29 4C D6 7D JMP L_JMP_($7DD6)_($8F29) OK
//-----
L_JSR_($8F2C)_($7F71) OK
L_JSR_($8F2C)_($8EDC) OK
L_JSR_($8F2C)_($8EE6) OK
L_JSR_($8F2C)_($8EF0) OK
//-----
$8F2C A2 00 LDX #$00
//-----

```

```
L_BRS_($8F2E)_($8F2F) OK
L_BRS_($8F2E)_($8F32) OK
//-----
$8F2E CA    DEX
$8F2F D0 FD  BNE L_BRS_($8F2E)_($8F2F) OK
$8F31 88    DEY
$8F32 10 FA  BPL L_BRS_($8F2E)_($8F32) OK
$8F34 60    RTS
//-----
$8F35 AD 5A 7B LDA $7B5A
$8F38 85 FE  STA $FE
$8F3A AD 5B 7B LDA $7B5B
$8F3D 85 FF  STA $FF
$8F3F 20 C4 89 JSR L_JSR_($89C4)_($8F3F) OK
$8F42 A0 05  LDY #$05
//-----
L_BRS_($8F44)_($8F4E) OK
//-----
$8F44 B9 34 7B LDA $7B34,Y
$8F47 18    CLC
$8F48 69 AD  ADC #$AD
$8F4A 99 51 C3 STA $C351,Y
$8F4D 88    DEY
$8F4E 10 F4  BPL L_BRS_($8F44)_($8F4E) OK
$8F50 AD 6A 7B LDA $7B6A
$8F53 85 FE  STA $FE
$8F55 AD 6B 7B LDA $7B6B
$8F58 85 FF  STA $FF
$8F5A 20 C4 89 JSR L_JSR_($89C4)_($8F5A) OK
```



```
$8F5D A0 05 LDY #$05
//-----
L_BRS_($8F5F)_($8F69) OK
//-----
$8F5F B9 34 7B LDA $7B34,Y
$8F62 18 CLC
$8F63 69 AD ADC #$AD
$8F65 99 79 C3 STA $C379,Y
$8F68 88 DEY
$8F69 10 F4 BPL L_BRS_($8F5F)_($8F69) OK
$8F6B 60 RTS
//-----
L_JMP_($8F6C)_($9DC4) OK
//-----
$8F6C EE AA 7B INC $7BAA
$8F6F AD AA 7B LDA $7BAA
$8F72 C9 0C CMP #$0C
$8F74 90 0A BCC L_BRS_($8F80)_($8F74) OK
$8F76 A9 00 LDA #$00
$8F78 8D 9A 7B STA $7B9A
$8F7B A9 08 LDA #$08
$8F7D 8D 7A 7B STA $7B7A
//-----
L_BRS_($8F80)_($8F74) OK
L_BRS_($8F80)_($8FDC) OK
//-----
$8F80 4C 55 A5 JMP $A555
//-----
L_BRS_($8F83)_($8FE6) OK
```

```
//-----  
$8F83 A9 00 LDA #$00  
$8F85 8D A2 7B STA $7BA2  
$8F88 8D 9A 7B STA $7B9A  
$8F8B 8D 7A 7B STA $7B7A  
$8F8E 8D F3 8D STA $8DF3  
$8F91 A9 1E LDA #$1E  
$8F93 20 A9 91 JSR L_JSR_($91A9)_($8F93) OK  
$8F96 4C 55 A5 JMP $A555  
//-----  
L_JSR_($8F99)_($9EA3) OK  
//-----  
$8F99 A9 03 LDA #$03  
$8F9B 20 03 10 JSR L_JSR_($1003)_($8F9B) OK  
$8F9E 38 SEC  
$8F9F AD 5A 7B LDA $7B5A  
$8FA2 E9 15 SBC #$15  
$8FA4 8D 62 7B STA $7B62  
$8FA7 AD 5B 7B LDA $7B5B  
$8FAA E9 00 SBC #$00  
$8FAC 8D 63 7B STA $7B63  
$8FAF AD 6A 7B LDA $7B6A  
$8FB2 8D 72 7B STA $7B72  
$8FB5 AD 6B 7B LDA $7B6B  
$8FB8 8D 73 7B STA $7B73  
$8FBB AD DA 7B LDA $7BDA  
$8FBE D0 0E BNE L_BRS_($8FCE)_($8FBE) OK  
$8FC0 18 CLC  
$8FC1 AD 62 7B LDA $7B62
```

```
$8FC4 69 2A  ADC #$2A
$8FC6 8D 62 7B  STA $7B62
$8FC9 90 03  BCC L_BRS_($8FCE)_($8FC9) OK
$8FCB EE 63 7B  INC $7B63
//-----
L_BRS_($8FCE)_($8FBE) OK
L_BRS_($8FCE)_($8FC9) OK
//-----
$8FCE A9 0A  LDA #$0A
$8FD0 20 A9 91  JSR L_JSR_($91A9)_($8FD0) OK
$8FD3 60  RTS
//-----
L_JMP_($8FD4)_($9DCB) OK
//-----
$8FD4 AD AA 7B  LDA $7BAA
$8FD7 49 01  EOR #$01
$8FD9 8D AA 7B  STA $7BAA
$8FDC D0 A2  BNE L_BRS_($8F80)_($8FDC) OK
$8FDE EE 7A 7B  INC $7B7A
$8FE1 AD 7A 7B  LDA $7B7A
$8FE4 C9 17  CMP #$17
$8FE6 F0 9B  BEQ L_BRS_($8F83)_($8FE6) OK
$8FE8 38  SEC
$8FE9 E9 14  SBC #$14
$8FEB 8D D2 90  STA $90D2
$8FEE C9 01  CMP #$01
$8FF0 F0 11  BEQ L_BRS_($9003)_($8FF0) OK
$8FF2 AD 6A 7B  LDA $7B6A
$8FF5 8D 72 7B  STA $7B72
```

```
$8FF8 AD 6B 7B LDA $7B6B
$8FFB 8D 73 7B STA $7B73
$8FFE A9 15 LDA # $15
$9000 4C AF 90 JMP L_JMP_($90AF)_($9000) OK
//-----
L_BRS_($9003)_($8FF0) OK
//-----
$9003 AD 5A 7B LDA $7B5A
$9006 8D 9C 90 STA $909C
$9009 AD 5B 7B LDA $7B5B
$900C 8D 9D 90 STA $909D
$900F AD DA 7B LDA $7BDA
$9012 F0 0E BEQ L_BRS_($9022)_($9012) OK
$9014 38 SEC
$9015 AD 5A 7B LDA $7B5A
$9018 E9 50 SBC # $50
$901A 8D 5A 7B STA $7B5A
$901D B0 03 BCS L_BRS_($9022)_($901D) OK
$901F CE 5B 7B DEC $7B5B
//-----
L_BRS_($9022)_($9012) OK
L_BRS_($9022)_($901D) OK
//-----
$9022 A9 38 LDA # $38
$9024 A0 08 LDY # $08
$9026 20 70 A5 JSR $A570
$9029 C9 10 CMP # $10
$902B F0 10 BEQ L_BRS_($903D)_($902B) OK
$902D A9 30 LDA # $30
```

```
$902F A0 08 LDY #$08
$9031 20 70 A5 JSR $A570
$9034 C9 10 CMP #$10
$9036 D0 66 BNE L_BRS_($909E)_($9036) OK
$9038 A9 24 LDA #$24
$903A 4C 3F 90 JMP L_JMP_($903F)_($903A) OK
//-----
L_BRS_($903D)_($902B) OK
//-----
$903D A9 2A LDA #$2A
//-----
L_JMP_($903F)_($903A) OK
//-----
$903F 18 CLC
$9040 6D 62 7B ADC $7B62
$9043 8D 62 7B STA $7B62
$9046 AD 63 7B LDA $7B63
$9049 69 00 ADC #$00
$904B 8D 63 7B STA $7B63
$904E AD DA 7B LDA $7BDA
$9051 F0 03 BEQ L_BRS_($9056)_($9051) OK
$9053 CE 63 7B DEC $7B63
//-----
L_BRS_($9056)_($9051) OK
//-----
$9056 18 CLC
$9057 AD 72 7B LDA $7B72
$905A 69 15 ADC #$15
$905C 8D 72 7B STA $7B72
```

```
$905F AD 73 7B LDA $7B73
$9062 69 00 ADC # $00
$9064 8D 73 7B STA $7B73
$9067 A9 0A LDA # $0A
$9069 8D 9A 7B STA $7B9A
$906C A9 00 LDA # $00
$906E 8D AA 7B STA $7BAA
$9071 A9 18 LDA # $18
$9073 8D 7A 7B STA $7B7A
$9076 20 8F 90 JSR L_JSR_($908F)_($9076) OK
$9079 AD DA 7B LDA $7BDA
$907C F0 0E BEQ L_BRS_($908C)_($907C) OK
$907E 18 CLC
$907F AD 62 7B LDA $7B62
$9082 69 B4 ADC # $B4
$9084 8D 62 7B STA $7B62
$9087 90 03 BCC L_BRS_($908C)_($9087) OK
$9089 EE 63 7B INC $7B63
//-----
L_BRS_($908C)_($907C) OK
L_BRS_($908C)_($9087) OK
//-----
$908C 4C 55 A5 JMP $A555
//-----
L_JSR_($908F)_($9076) OK
L_JSR_($908F)_($909E) OK
//-----
$908F AD 9C 90 LDA $909C
$9092 8D 5A 7B STA $7B5A
```

```
$9095 AD 9D 90 LDA $909D
$9098 8D 5B 7B STA $7B5B
$909B 60    RTS
//-----
$909C    .byte $00,$00
//-----
L_BRS_($909E)_($9036) OK
//-----
$909E 20 8F 90 JSR L_JSR_($908F)_($909E) OK
$90A1 AD 6A 7B LDA $7B6A
$90A4 8D 72 7B STA $7B72
$90A7 AD 6B 7B LDA $7B6B
$90AA 8D 73 7B STA $7B73
$90AD A9 15  LDA #$15
//-----
L_JMP_($90AF)_($9000) OK
//-----
$90AF 18    CLC
$90B0 6D 5A 7B ADC $7B5A
$90B3 8D 62 7B STA $7B62
$90B6 AD 5B 7B LDA $7B5B
$90B9 69 00  ADC #$00
$90BB 8D 63 7B STA $7B63
$90BE AD DA 7B LDA $7BDA
$90C1 F0 0E  BEQ L_BRS_($90D1)_($90C1) OK
$90C3 38    SEC
$90C4 AD 62 7B LDA $7B62
$90C7 E9 43  SBC #$43
$90C9 8D 62 7B STA $7B62
```

\$90CC B0 03 BCS L_BRS_(\$90D1)_(\$90CC) OK

\$90CE CE 63 7B DEC \$7B63

//-----

L_BRS_(\$90D1)_(\$90C1) OK

L_BRS_(\$90D1)_(\$90CC) OK

L_JMP_(\$90D1)_(\$95DB) OK

//-----

\$90D1 A9 00 LDA #\$00

\$90D3 0A ASL A

\$90D4 A8 TAY

\$90D5 AD DA 7B LDA \$7BDA

\$90D8 8D 52 7A STA \$7A52

\$90DB B9 04 91 LDA \$9104,Y

\$90DE BE 05 91 LDX \$9105,Y

\$90E1 A8 TAY

\$90E2 AD 5B 7A LDA \$7A5B

\$90E5 49 08 EOR #\$08

\$90E7 8D 5B 7A STA \$7A5B

\$90EA A9 04 LDA #\$04

\$90EC 20 82 9C JSR L_JSR_(\$9C82)_(\$90EC) BAD

\$90EF AD D2 90 LDA \$90D2

\$90F2 C9 02 CMP #\$02

\$90F4 90 0B BCC L_BRS_(\$9101)_(\$90F4) OK

\$90F6 AD 5B 7A LDA \$7A5B

\$90F9 49 08 EOR #\$08

\$90FB 8D 5B 7A STA \$7A5B

\$90FE EE 65 87 INC \$8765

//-----

L_BRS_(\$9101)_(\$90F4) OK


```

//-----
$9101 4C 55 A5 JMP $A555
$9104      .byte $00,$E7
$9106 40    RTI
//-----
$9107      .byte $E7,$80,$E7
$910A 40    RTI
//-----
$910B      .byte $F2,$80,$F2
$910E C0 F2  CPY #F2
$9110      .byte $00,$F3
$9112 40    RTI
//-----
$9113      .byte $F3,$80,$F3
$9116 C0 F3  CPY #F3
$9118      .byte $00,$F4
$911A C0 FB  CPY #FB
//-----
L_JSR_($911C)_($9E9B) OK
//-----
$911C A9 07  LDA #F07
$911E 20 03 10 JSR L_JSR_($1003)_($911E) OK
$9121 38    SEC
$9122 AD 5A 7B LDA $7B5A
$9125 E9 1F  SBC #F1F
$9127 8D 62 7B STA $7B62
$912A AD 5B 7B LDA $7B5B
$912D E9 00  SBC #F00
$912F 8D 63 7B STA $7B63

```

\$9132 38 SEC
\$9133 AD 6A 7B LDA \$7B6A
\$9136 E9 0E SBC #\$0E
\$9138 8D 72 7B STA \$7B72
\$913B AD 6B 7B LDA \$7B6B
\$913E E9 00 SBC #\$00
\$9140 8D 73 7B STA \$7B73
\$9143 AD DA 7B LDA \$7BDA
\$9146 8D E2 7B STA \$7BE2
\$9149 8D 52 7A STA \$7A52
\$914C F0 0E BEQ L_BRS_(\$915C)_(\$914C) OK
\$914E 18 CLC
\$914F AD 62 7B LDA \$7B62
\$9152 69 26 ADC #\$26
\$9154 8D 62 7B STA \$7B62
\$9157 90 03 BCC L_BRS_(\$915C)_(\$9157) OK
\$9159 EE 63 7B INC \$7B63
//-----
L_BRS_(\$915C)_(\$914C) OK
L_BRS_(\$915C)_(\$9157) OK
//-----
\$915C AD 5B 7A LDA \$7A5B
\$915F 49 08 EOR #\$08
\$9161 8D 5B 7A STA \$7A5B
\$9164 A2 E7 LDX #\$E7
\$9166 A0 00 LDY #\$00
\$9168 A9 04 LDA #\$04
\$916A 20 82 9C JSR L_JSR_(\$9C82)_(\$916A) BAD
\$916D AD 5B 7A LDA \$7A5B

```
$9170 49 08  EOR #08
$9172 8D 5B 7A  STA $7A5B
$9175 EE 65 87  INC $8765
$9178 A9 01  LDA #01
$917A 8D A2 7B  STA $7BA2
$917D A9 09  LDA #09
$917F 8D 09 7A  STA $7A09
$9182 A9 10  LDA #10
$9184 8D F3 8D  STA $8DF3
$9187 CE 60 7A  DEC $7A60
$918A AD 60 7A  LDA $7A60
$918D D0 03  BNE L_BRS_($9192)_($918D) OK
$918F 8D 04 7C  STA $7C04
//-----
L_JSR_($9192)_($7DE5) OK
L_BRS_($9192)_($918D) OK
//-----
$9192 0A  ASL A
$9193 0A  ASL A
$9194 0A  ASL A
$9195 A8  TAY
$9196 A2 00  LDX #00
//-----
L_BRS_($9198)_($91A6) OK
//-----
$9198 B9 E8 CE  LDA $CEE8,Y
$919B 9D 80 CF  STA $CF80,X
$919E E8  INX
$919F 9D 80 CF  STA $CF80,X
```

```
$91A2 C8    INY
$91A3 E8    INX
$91A4 E0 10  CPX #10
$91A6 D0 F0  BNE L_BRS_($9198)_($91A6) OK
$91A8 60     RTS
//-----
L_JSR_($91A9)_($8F93) OK
L_JSR_($91A9)_($8FD0) OK
//-----
$91A9 8D D7 91 STA $91D7
$91AC AD A4 7B LDA $7BA4
$91AF F0 62  BEQ L_BRS_($9213)_($91AF) OK
$91B1 AD 94 7B LDA $7B94
$91B4 C9 07  CMP #07
$91B6 F0 04  BEQ L_BRS_($91BC)_($91B6) OK
$91B8 C9 02  CMP #02
$91BA B0 57  BCS L_BRS_($9213)_($91BA) OK
//-----
L_BRS_($91BC)_($91B6) OK
//-----
$91BC AD 63 7B LDA $7B63
$91BF CD 65 7B CMP $7B65
$91C2 D0 4F  BNE L_BRS_($9213)_($91C2) OK
$91C4 AD 73 7B LDA $7B73
$91C7 CD 75 7B CMP $7B75
$91CA D0 47  BNE L_BRS_($9213)_($91CA) OK
$91CC 38     SEC
$91CD AD 62 7B LDA $7B62
$91D0 ED 64 7B SBC $7B64
```

\$91D3 20 C6 8A JSR L_JSR_(\$8AC6)_(\$91D3) OK
\$91D6 C9 1E CMP #\$1E
\$91D8 B0 39 BCS L_BRS_(\$9213)_(\$91D8) OK
\$91DA 38 SEC
\$91DB AD 72 7B LDA \$7B72
\$91DE ED 74 7B SBC \$7B74
\$91E1 20 C6 8A JSR L_JSR_(\$8AC6)_(\$91E1) OK
\$91E4 C9 1E CMP #\$1E
\$91E6 B0 2B BCS L_BRS_(\$9213)_(\$91E6) OK
\$91E8 A9 01 LDA #\$01
\$91EA 20 03 10 JSR L_JSR_(\$1003)_(\$91EA) OK
\$91ED A9 09 LDA #\$09
\$91EF 8D 13 8E STA \$8E13
\$91F2 A9 04 LDA #\$04
\$91F4 8D 47 84 STA \$8447
\$91F7 AE DB B3 LDX \$B3DB
\$91FA A9 00 LDA #\$00
\$91FC 9D 21 7D STA \$7D21,X
\$91FF A9 0F LDA #\$0F
\$9201 20 9E 8A JSR L_JSR_(\$8A9E)_(\$9201) OK
\$9204 A9 00 LDA #\$00
\$9206 8D A2 7B STA \$7BA2
\$9209 AD 61 7A LDA \$7A61
\$920C F0 05 BEQ L_BRS_(\$9213)_(\$920C) OK
\$920E A9 01 LDA #\$01
\$9210 8D 61 7A STA \$7A61
//-----
L_BRS_(\$9213)_(\$91AF) OK
L_BRS_(\$9213)_(\$91BA) OK

L_BRS_(\$9213)_(\$91C2) OK

L_BRS_(\$9213)_(\$91CA) OK

L_BRS_(\$9213)_(\$91D8) OK

L_BRS_(\$9213)_(\$91E6) OK

L_BRS_(\$9213)_(\$920C) OK

//-----

\$9213 60 RTS

//-----

L_BRS_(\$9214)_(\$9243) OK

L_BRS_(\$9214)_(\$9248) OK

L_BRS_(\$9214)_(\$9261) OK

L_BRS_(\$9214)_(\$927C) OK

//-----

\$9214 60 RTS

//-----

L_BRS_(\$9215)_(\$9256) OK

L_BRS_(\$9215)_(\$925A) OK

//-----

\$9215 4C BE 92 JMP L_JMP_(\$92BE)_(\$9215) OK

//-----

L_BRS_(\$9218)_(\$923F) OK

//-----

\$9218 4C 68 93 JMP L_JMP_(\$9368)_(\$9218) OK

//-----

L_JSR_(\$921B)_(\$7E92) OK

//-----

\$921B A9 03 LDA #\$03

\$921D 18 CLC

\$921E 69 01 ADC #\$01

\$9220 29 03 AND #03
\$9222 8D 1C 92 STA \$921C
\$9225 AA TAX
\$9226 D0 14 BNE L_BRS_(\$923C)_(\$9226) OK
\$9228 A9 00 LDA #00
\$922A 49 01 EOR #01
\$922C 8D 29 92 STA \$9229
\$922F A8 TAY
\$9230 B9 43 93 LDA \$9343,Y
\$9233 8D 18 93 STA \$9318
\$9236 B9 45 93 LDA \$9345,Y
\$9239 8D 13 93 STA \$9313
//-----
L_BRS_(\$923C)_(\$9226) OK
//-----
\$923C AD 2D 7D LDA \$7D2D
\$923F F0 D7 BEQ L_BRS_(\$9218)_(\$923F) OK
\$9241 C9 01 CMP #01
\$9243 D0 CF BNE L_BRS_(\$9214)_(\$9243) OK
\$9245 AD 55 AC LDA \$AC55
\$9248 D0 CA BNE L_BRS_(\$9214)_(\$9248) OK
\$924A BD 3B 93 LDA \$933B,X
\$924D 85 FE STA \$FE
\$924F BD 37 93 LDA \$9337,X
\$9252 85 FF STA \$FF
\$9254 A5 FF LDA \$FF
\$9256 D0 BD BNE L_BRS_(\$9215)_(\$9256) OK
\$9258 A5 FE LDA \$FE
\$925A D0 B9 BNE L_BRS_(\$9215)_(\$925A) OK

```
$925C AD 2E 7D LDA $7D2E
$925F C9 1C CMP #$1C
$9261 B0 B1 BCS L_BRS_($9214)_($9261) OK
$9263 A9 00 LDA #$00
$9265 A0 00 LDY #$00
$9267 20 70 A5 JSR $A570
$926A 38 SEC
$926B A5 FE LDA $FE
$926D E9 EE SBC #$EE
$926F 85 FE STA $FE
$9271 A5 FF LDA $FF
$9273 E9 02 SBC #$02
$9275 85 FF STA $FF
$9277 AD 7F A6 LDA $A67F
$927A C9 28 CMP #$28
$927C 90 96 BCC L_BRS_($9214)_($927C) OK
$927E 18 CLC
$927F 65 FE ADC $FE
$9281 85 FE STA $FE
$9283 90 02 BCC L_BRS_($9287)_($9283) OK
$9285 E6 FF INC $FF
//-----
L_BRS_($9287)_($9283) OK
//-----
$9287 A9 1F LDA #$1F
$9289 20 01 96 JSR L_JSR_($9601)_($9289) OK
$928C A9 06 LDA #$06
$928E 9D 3B 93 STA $933B,X
//-----
```



```

L_BRS_($9291)_($92AE) OK
//-----
$9291 A0 00 LDY #00
$9293 B1 FE LDA ($FE),Y
$9295 D0 10 BNE L_BRS_($92A7)_($9295) OK
$9297 C8 INY
$9298 B1 FE LDA ($FE),Y
$929A D0 0B BNE L_BRS_($92A7)_($929A) OK
$929C A0 96 LDY #96
$929E B1 FE LDA ($FE),Y
$92A0 D0 05 BNE L_BRS_($92A7)_($92A0) OK
$92A2 C8 INY
$92A3 B1 FE LDA ($FE),Y
$92A5 F0 0C BEQ L_BRS_($92B3)_($92A5) OK
//-----
L_BRS_($92A7)_($9295) OK
L_BRS_($92A7)_($929A) OK
L_BRS_($92A7)_($92A0) OK
//-----
$92A7 88 DEY
$92A8 20 4B 93 JSR L_JSR_($934B)_($92A8) OK
$92AB DE 3B 93 DEC $933B,X
$92AE D0 E1 BNE L_BRS_($9291)_($92AE) OK
$92B0 4C BD 92 JMP L_JMP_($92BD)_($92B0) OK
//-----
L_BRS_($92B3)_($92A5) OK
//-----
$92B3 A5 FE LDA $FE
$92B5 9D 3B 93 STA $933B,X

```

```
$92B8 A5 FF  LDA $FF
$92BA 9D 37 93 STA $9337,X
//-----
L_JMP_($92BD)_($92B0) OK
//-----
$92BD 60  RTS
//-----
L_JMP_($92BE)_($9215) OK
//-----
$92BE A0 00  LDY #$00
$92C0 A9 00  LDA #$00
$92C2 91 FE  STA ($FE),Y
$92C4 C8  INY
$92C5 91 FE  STA ($FE),Y
$92C7 20 4B 93 JSR L_JSR_($934B)_($92C7) OK
$92CA A9 00  LDA #$00
$92CC 91 FE  STA ($FE),Y
$92CE 88  DEY
$92CF 91 FE  STA ($FE),Y
$92D1 BD 3F 93 LDA $933F,X
$92D4 D0 54  BNE L_BRS_($932A)_($92D4) OK
$92D6 20 4B 93 JSR L_JSR_($934B)_($92D6) OK
$92D9 B1 FE  LDA ($FE),Y
$92DB D0 08  BNE L_BRS_($92E5)_($92DB) OK
$92DD C8  INY
$92DE B1 FE  LDA ($FE),Y
$92E0 48  PHA
$92E1 88  DEY
$92E2 68  PLA
```

\$92E3 F0 1C BEQ L_BRS_(\$9301)_(\$92E3) OK

//-----

L_BRS_(\$92E5)_(\$92DB) OK

//-----

\$92E5 20 57 93 JSR L_JSR_(\$9357)_(\$92E5) OK

\$92E8 A9 A0 LDA #\$A0

\$92EA 91 FE STA (\$FE),Y

\$92EC C8 INY

\$92ED A9 A1 LDA #\$A1

\$92EF 91 FE STA (\$FE),Y

\$92F1 20 57 93 JSR L_JSR_(\$9357)_(\$92F1) OK

\$92F4 A9 9F LDA #\$9F

\$92F6 91 FE STA (\$FE),Y

\$92F8 88 DEY

\$92F9 A9 9E LDA #\$9E

\$92FB 91 FE STA (\$FE),Y

\$92FD FE 3F 93 INC \$933F,X

\$9300 60 RTS

//-----

L_BRS_(\$9301)_(\$92E3) OK

//-----

\$9301 AD 3C 7F LDA \$7F3C

\$9304 D0 15 BNE L_BRS_(\$931B)_(\$9304) OK

\$9306 A9 98 LDA #\$98

\$9308 91 FE STA (\$FE),Y

\$930A C8 INY

\$930B A9 99 LDA #\$99

\$930D 91 FE STA (\$FE),Y

\$930F 20 57 93 JSR L_JSR_(\$9357)_(\$930F) OK

```
$9312 A9 9B LDA #9B
$9314 91 FE STA ($FE),Y
$9316 88 DEY
$9317 A9 9A LDA #9A
$9319 91 FE STA ($FE),Y
//-----
L_BRS_($931B)_($9304) OK
//-----
$931B 18 CLC
$931C BD 3B 93 LDA $933B,X
$931F 69 96 ADC #96
$9321 9D 3B 93 STA $933B,X
$9324 90 03 BCC L_BRS_($9329)_($9324) OK
$9326 FE 37 93 INC $9337,X
//-----
L_BRS_($9329)_($9324) OK
//-----
$9329 60 RTS
//-----
L_BRS_($932A)_($92D4) OK
//-----
$932A A9 00 LDA #00
$932C 9D 37 93 STA $9337,X
$932F 9D 3B 93 STA $933B,X
$9332 9D 3F 93 STA $933F,X
$9335 60 RTS
//-----
L_BRS_($9336)_($936B) OK
L_BRS_($9336)_($9373) OK
```

```

//-----
$9336 60    RTS

//-----
$9337      .byte $00,$00,$00,$00,$00,$00,$00,$00
$933F      .byte $00,$00,$00,$00
$9343 9A    TXS
$9344      .byte $9C,$9B
$9346 9D 2C 00 STA $002C,X
$9349      .byte $37
$934A 48    PHA

//-----
L_JSR_($934B)_($8B33) OK
L_JSR_($934B)_($8B3D) OK
L_JSR_($934B)_($92A8) OK
L_JSR_($934B)_($92C7) OK
L_JSR_($934B)_($92D6) OK

//-----
$934B 18    CLC
$934C A5 FE  LDA $FE
$934E 69 96  ADC #$96
$9350 85 FE  STA $FE
$9352 90 0E  BCC L_BRS_($9362)_($9352) OK
$9354 E6 FF  INC $FF
$9356 60    RTS

//-----
L_JSR_($9357)_($92E5) OK
L_JSR_($9357)_($92F1) OK
L_JSR_($9357)_($930F) OK

//-----

```

```

$9357 38 SEC
$9358 A5 FE LDA $FE
$935A E9 96 SBC #$96
$935C 85 FE STA $FE
$935E B0 02 BCS L_BRS_($9362)_($935E) OK
$9360 C6 FF DEC $FF
//-----
L_BRS_($9362)_($9352) OK
L_BRS_($9362)_($935E) OK
//-----
$9362 60 RTS
//-----
$9363 .byte $E7
//-----
L_BRS_($9365)_($9377) BAD
//-----
$9364 F0 4C BEQ L_BRS_($93B2)_($9364) BAD
$9366 E9 93 SBC #$93
//-----
L_JMP_($9368)_($9218) OK
//-----
$9368 AD 5F 7A LDA $7A5F
$936B D0 C9 BNE L_BRS_($9336)_($936B) OK
$936D 20 4C 94 JSR L_JSR_($944C)_($936D) OK
$9370 AD 1C 92 LDA $921C
$9373 D0 C1 BNE L_BRS_($9336)_($9373) OK
$9375 A9 0A LDA #$0A
$9377 D0 EC BNE L_BRS_($9365)_($9377) BAD
$9379 A9 00 LDA #$00

```

```
$937B A0 20 LDY #$20
$937D 20 70 A5 JSR $A570
$9380 A9 0F LDA #$0F
$9382 8D 76 93 STA $9376
$9385 A0 00 LDY #$00
$9387 18 CLC
$9388 A5 FE LDA $FE
$938A 6D 7F A6 ADC $A67F
$938D 85 FE STA $FE
$938F 90 02 BCC L_BRS_($9393)_($938F) OK
$9391 E6 FF INC $FF
//-----
L_BRS_($9393)_($938F) OK
//-----
$9393 A9 0F LDA #$0F
$9395 20 01 96 JSR L_JSR_($9601)_($9395) OK
//-----
L_BRS_($9398)_($93A2) OK
//-----
$9398 20 2E 94 JSR L_JSR_($942E)_($9398) OK
$939B D0 0D BNE L_BRS_($93AA)_($939B) OK
$939D C6 FF DEC $FF
$939F CE 76 93 DEC $9376
$93A2 D0 F4 BNE L_BRS_($9398)_($93A2) OK
//-----
L_BRS_($93A4)_($93AE) OK
L_BRS_($93A4)_($93B4) OK
L_BRS_($93A4)_($93C8) OK
L_JMP_($93A4)_($942B) OK
```

```

//-----
$93A4 A9 00 LDA #00

$93A6 8D 76 93 STA $9376

$93A9 60 RTS

//-----
L_BRS_($93AA)_($939B) OK

//-----
$93AA C8 INY

$93AB 20 2E 94 JSR L_JSR_($942E)_($93AB) OK

$93AE F0 F4 BEQ L_BRS_($93A4)_($93AE) OK

$93B0 C8 INY

//-----
L_BRS_($93B2)_($9364) BAD

//-----
$93B1 20 2E 94 JSR L_JSR_($942E)_($93B1) OK

$93B4 F0 EE BEQ L_BRS_($93A4)_($93B4) OK

$93B6 88 DEY

$93B7 88 DEY

$93B8 E6 FE INC $FE

$93BA D0 02 BNE L_BRS_($93BE)_($93BA) OK

$93BC E6 FF INC $FF

//-----
L_BRS_($93BE)_($93BA) OK

//-----
$93BE E6 FF INC $FF

$93C0 B1 FE LDA ($FE),Y

$93C2 AA TAX

$93C3 BD 00 31 LDA $3100,X

$93C6 C9 00 CMP #00

```


\$93C8 D0 DA BNE L_BRS_(\$93A4)_(\$93C8) OK

\$93CA A9 01 LDA #\$01

\$93CC 8D 76 93 STA \$9376

//-----

L_JSR_(\$93CF)_(\$9414) OK

//-----

\$93CF A5 FF LDA \$FF

\$93D1 8D EA 93 STA \$93EA

\$93D4 A5 FE LDA \$FE

\$93D6 8D EE 93 STA \$93EE

\$93D9 B1 FE LDA (\$FE),Y

\$93DB 8D F4 93 STA \$93F4

\$93DE E6 FF INC \$FF

\$93E0 B1 FE LDA (\$FE),Y

\$93E2 8D FA 93 STA \$93FA

\$93E5 EE 76 93 INC \$9376

\$93E8 60 RTS

//-----

\$93E9 A9 58 LDA #\$58

\$93EB 85 FF STA \$FF

\$93ED A9 04 LDA #\$04

\$93EF 85 FE STA \$FE

\$93F1 A0 00 LDY #\$00

\$93F3 A9 14 LDA #\$14

\$93F5 91 FE STA (\$FE),Y

\$93F7 E6 FF INC \$FF

\$93F9 A9 14 LDA #\$14

\$93FB 91 FE STA (\$FE),Y

\$93FD E6 FF INC \$FF

```
$93FF B1 FE LDA ($FE),Y
$9401 AA TAX
$9402 C6 FF DEC $FF
$9404 AD 76 93 LDA $9376
$9407 C9 05 CMP #$05
$9409 B0 02 BCS L_BRS_($940D)_($9409) OK
$940B C6 FF DEC $FF
//-----
L_BRS_($940D)_($9409) OK
//-----
$940D BD 00 31 LDA $3100,X
$9410 C9 00 CMP #$00
$9412 D0 17 BNE L_BRS_($942B)_($9412) OK
$9414 20 CF 93 JSR L_JSR_($93CF)_($9414) OK
$9417 C6 FF DEC $FF
$9419 AD 3C 7F LDA $7F3C
$941C D0 0C BNE L_BRS_($942A)_($941C) OK
$941E A9 FD LDA #$FD
$9420 A0 00 LDY #$00
$9422 91 FE STA ($FE),Y
$9424 E6 FF INC $FF
$9426 A9 FE LDA #$FE
$9428 91 FE STA ($FE),Y
//-----
L_BRS_($942A)_($941C) OK
//-----
$942A 60 RTS
//-----
L_BRS_($942B)_($9412) OK
```

//-----
\$942B 4C A4 93 JMP L_JMP_(\$93A4)_(\$942B) OK

//-----
L_JSR_(\$942E)_(\$9398) OK
L_JSR_(\$942E)_(\$93AB) OK
L_JSR_(\$942E)_(\$93B1) OK

//-----
\$942E B1 FE LDA (\$FE),Y
\$9430 F0 14 BEQ L_BRS_(\$9446)_(\$9430) OK
\$9432 C9 E7 CMP #\$E7
\$9434 B0 10 BCS L_BRS_(\$9446)_(\$9434) OK
\$9436 C9 97 CMP #\$97
\$9438 B0 0C BCS L_BRS_(\$9446)_(\$9438) OK
\$943A AA TAX
\$943B BD 00 31 LDA \$3100,X
\$943E C9 03 CMP #\$03
\$9440 F0 07 BEQ L_BRS_(\$9449)_(\$9440) OK
\$9442 C9 01 CMP #\$01
\$9444 F0 03 BEQ L_BRS_(\$9449)_(\$9444) OK

//-----
L_BRS_(\$9446)_(\$9430) OK
L_BRS_(\$9446)_(\$9434) OK
L_BRS_(\$9446)_(\$9438) OK

//-----
\$9446 A9 00 LDA #\$00
\$9448 60 RTS

//-----
L_BRS_(\$9449)_(\$9440) OK
L_BRS_(\$9449)_(\$9444) OK

//-----

\$9449 A9 01 LDA #01

\$944B 60 RTS

//-----

L_JSR_(\$944C)_(\$936D) OK

//-----

\$944C AE 1C 92 LDX \$921C

\$944F D0 29 BNE L_BRS_(\$947A)_(\$944F) OK

\$9451 AD 88 94 LDA \$9488

\$9454 18 CLC

\$9455 69 01 ADC #01

\$9457 C9 02 CMP #02

\$9459 D0 1C BNE L_BRS_(\$9477)_(\$9459) OK

\$945B A9 01 LDA #01

\$945D 49 01 EOR #01

\$945F 8D 5C 94 STA \$945C

\$9462 A8 TAY

\$9463 B9 63 93 LDA \$9363,Y

\$9466 8D E7 94 STA \$94E7

\$9469 AD 2E 7D LDA \$7D2E

\$946C 29 03 AND #03

\$946E A8 TAY

\$946F B9 56 95 LDA \$9556,Y

\$9472 8D 28 95 STA \$9528

\$9475 A9 00 LDA #00

//-----

L_BRS_(\$9477)_(\$9459) OK

//-----

\$9477 8D 88 94 STA \$9488

//-----

L_BRS_(\$947A)_(\$944F) OK

//-----

\$947A BD 4E 95 LDA \$954E,X

\$947D 85 FF STA \$FF

\$947F BD 4A 95 LDA \$954A,X

\$9482 85 FE STA \$FE

\$9484 20 17 95 JSR L_JSR_(\$9517)_(\$9484) OK

\$9487 A9 00 LDA #\$00

\$9489 F0 51 BEQ L_BRS_(\$94DC)_(\$9489) OK

\$948B BD 52 95 LDA \$9552,X

\$948E F0 20 BEQ L_BRS_(\$94B0)_(\$948E) OK

\$9490 C6 FF DEC \$FF

\$9492 A0 01 LDY #\$01

\$9494 B1 FE LDA (\$FE),Y

\$9496 C9 97 CMP #\$97

\$9498 F0 42 BEQ L_BRS_(\$94DC)_(\$9498) OK

\$949A C9 E8 CMP #\$E8

\$949C B0 3E BCS L_BRS_(\$94DC)_(\$949C) OK

\$949E C9 3C CMP #\$3C

\$94A0 F0 3A BEQ L_BRS_(\$94DC)_(\$94A0) OK

\$94A2 C9 3D CMP #\$3D

\$94A4 F0 36 BEQ L_BRS_(\$94DC)_(\$94A4) OK

\$94A6 E6 FF INC \$FF

\$94A8 A9 00 LDA #\$00

\$94AA 9D 52 95 STA \$9552,X

\$94AD 4C DC 94 JMP L_JMP_(\$94DC)_(\$94AD) OK

//-----

L_BRS_(\$94B0)_(\$948E) OK

//-----

```
$94B0 E6 FF  INC $FF
$94B2 E6 FF  INC $FF
$94B4 E6 FF  INC $FF
$94B6 A0 01  LDY #$01
$94B8 B1 FE  LDA ($FE),Y
$94BA 48     PHA
$94BB C6 FF  DEC $FF
$94BD C6 FF  DEC $FF
$94BF C6 FF  DEC $FF
$94C1 68     PLA
$94C2 C9 97  CMP #$97
$94C4 F0 14  BEQ L_BRS_($94DA)_($94C4) OK
$94C6 C9 E8  CMP #$E8
$94C8 B0 10  BCS L_BRS_($94DA)_($94C8) OK
$94CA C9 3C  CMP #$3C
$94CC F0 0C  BEQ L_BRS_($94DA)_($94CC) OK
$94CE C9 3D  CMP #$3D
$94D0 F0 08  BEQ L_BRS_($94DA)_($94D0) OK
$94D2 A9 01  LDA #$01
$94D4 9D 52 95 STA $9552,X
$94D7 4C DC 94 JMP L_JMP_($94DC)_($94D7) OK
```

//-----

```
L_BRS_($94DA)_($94C4) OK
L_BRS_($94DA)_($94C8) OK
L_BRS_($94DA)_($94CC) OK
L_BRS_($94DA)_($94D0) OK
```

//-----

```
$94DA E6 FF  INC $FF
```

//-----

L_BRS_(\$94DC)_(\$9489) OK

L_BRS_(\$94DC)_(\$9498) OK

L_BRS_(\$94DC)_(\$949C) OK

L_BRS_(\$94DC)_(\$94A0) OK

L_BRS_(\$94DC)_(\$94A4) OK

L_JMP_(\$94DC)_(\$94AD) OK

L_JMP_(\$94DC)_(\$94D7) OK

//-----

\$94DC A5 FE LDA \$FE

\$94DE 9D 4A 95 STA \$954A,X

\$94E1 A5 FF LDA \$FF

\$94E3 9D 4E 95 STA \$954E,X

\$94E6 A9 F0 LDA #\$F0

\$94E8 A0 00 LDY #\$00

\$94EA 91 FE STA (\$FE),Y

\$94EC C8 INY

\$94ED 18 CLC

\$94EE 69 01 ADC #\$01

\$94F0 91 FE STA (\$FE),Y

\$94F2 C8 INY

\$94F3 69 01 ADC #\$01

\$94F5 91 FE STA (\$FE),Y

\$94F7 E6 FF INC \$FF

\$94F9 A0 00 LDY #\$00

\$94FB 69 01 ADC #\$01

\$94FD 91 FE STA (\$FE),Y

\$94FF C8 INY

\$9500 69 01 ADC #\$01

```
$9502 91 FE STA ($FE),Y
$9504 C8 INY
$9505 69 01 ADC #$01
$9507 91 FE STA ($FE),Y
$9509 E6 FF INC $FF
$950B A0 01 LDY #$01
$950D 69 02 ADC #$02
$950F 91 FE STA ($FE),Y
$9511 C8 INY
$9512 69 01 ADC #$01
$9514 91 FE STA ($FE),Y
$9516 60 RTS
//-----
L_JSR_($9517)_($9484) OK
//-----
$9517 A5 FF LDA $FF
$9519 48 PHA
$951A A9 00 LDA #$00
$951C A0 00 LDY #$00
$951E 91 FE STA ($FE),Y
$9520 A0 02 LDY #$02
$9522 91 FE STA ($FE),Y
$9524 88 DEY
$9525 A9 97 LDA #$97
$9527 A9 3D LDA #$3D
$9529 91 FE STA ($FE),Y
$952B E6 FF INC $FF
$952D 91 FE STA ($FE),Y
$952F 88 DEY
```



```
$9530 A9 00 LDA #$00
$9532 91 FE STA ($FE),Y
$9534 A0 02 LDY #$02
$9536 91 FE STA ($FE),Y
$9538 E6 FF INC $FF
$953A 91 FE STA ($FE),Y
$953C A0 00 LDY #$00
$953E 91 FE STA ($FE),Y
$9540 C8 INY
//-----
L_BRS_($9543)_($954C) BAD
//-----
$9541 AD 28 95 LDA $9528
$9544 91 FE STA ($FE),Y
$9546 68 PLA
$9547 85 FF STA $FF
//-----
L_BRS_($9549)_($9561) OK
//-----
$9549 60 RTS
//-----
$954A E6 EB INC $EB
$954C F0 F5 BEQ L_BRS_($9543)_($954C) BAD
$954E 51 37 EOR ($37),Y
$9550 51 37 EOR ($37),Y
$9552 .byte $00
$9553 01 00 ORA ($00,X)
$9555 01 97 ORA ($97,X)
$9557 .byte $97,$3C
```

```

//-----
L_JMP_($955A)_($9DD8) BAD
//-----
$9559 3D A9 00 AND $00A9,X
$955C 49 01 EOR #$01
$955E 8D 5B 95 STA $955B
$9561 D0 E6 BNE L_BRS_($9549)_($9561) OK
$9563 EE AA 7B INC $7BAA
$9566 AD AA 7B LDA $7BAA
$9569 C9 0A CMP #$0A
$956B F0 71 BEQ L_BRS_($95DE)_($956B) OK
$956D AA TAX
$956E 48 PHA
$956F BD ED 95 LDA $95ED,X
$9572 8D C2 95 STA $95C2
$9575 BD F7 95 LDA $95F7,X
$9578 30 06 BMI L_BRS_($9580)_($9578) OK
$957A 20 79 A4 JSR $A479
$957D 4C 86 95 JMP L_JMP_($9586)_($957D) OK
//-----
L_BRS_($9580)_($9578) OK
//-----
$9580 20 C6 8A JSR L_JSR_($8AC6)_($9580) OK
$9583 20 F4 A4 JSR $A4F4
//-----
L_JMP_($9586)_($957D) OK
//-----
$9586 AD 62 7B LDA $7B62
$9589 8D D2 95 STA $95D2

```

```
$958C AD 63 7B LDA $7B63
$958F 8D D7 95 STA $95D7
$9592 68    PLA
$9593 18    CLC
$9594 69 02  ADC #$02
$9596 8D D2 90 STA $90D2
$9599 C9 07  CMP #$07
$959B D0 24  BNE L_BRS_($95C1)_($959B) OK
$959D AD DA 7B LDA $7BDA
$95A0 F0 11  BEQ L_BRS_($95B3)_($95A0) OK
$95A2 38    SEC
$95A3 AD D2 95 LDA $95D2
$95A6 E9 30  SBC #$30
$95A8 8D D2 95 STA $95D2
$95AB B0 14  BCS L_BRS_($95C1)_($95AB) OK
$95AD CE D7 95 DEC $95D7
$95B0 4C C1 95 JMP L_JMP_($95C1)_($95B0) OK
//-----
L_BRS_($95B3)_($95A0) OK
//-----
$95B3 18    CLC
$95B4 AD D2 95 LDA $95D2
$95B7 69 30  ADC #$30
$95B9 8D D2 95 STA $95D2
$95BC 90 03  BCC L_BRS_($95C1)_($95BC) OK
$95BE EE D7 95 INC $95D7
//-----
L_BRS_($95C1)_($959B) OK
L_BRS_($95C1)_($95AB) OK
```

```
L_JMP_($95C1)_($95B0) OK
L_BRS_($95C1)_($95BC) OK
//-----
$95C1 A9 0A LDA #$0A
$95C3 AE DA 7B LDX $7BDA
$95C6 F0 06 BEQ L_BRS_($95CE)_($95C6) OK
$95C8 20 FD A3 JSR $A3FD
$95CB 4C D1 95 JMP L_JMP_($95D1)_($95CB) OK
//-----
L_BRS_($95CE)_($95C6) OK
//-----
$95CE 20 7B A3 JSR $A37B
//-----
L_JMP_($95D1)_($95CB) OK
//-----
$95D1 A9 00 LDA #$00
$95D3 8D 62 7B STA $7B62
$95D6 A9 00 LDA #$00
$95D8 8D 63 7B STA $7B63
$95DB 4C D1 90 JMP L_JMP_($90D1)_($95DB) OK
//-----
L_BRS_($95DE)_($956B) OK
//-----
$95DE A9 00 LDA #$00
$95E0 8D AA 7B STA $7BAA
$95E3 8D A2 7B STA $7BA2
$95E6 8D 9A 7B STA $7B9A
$95E9 8D 40 7A STA $7A40
$95EC 60 RTS
```

```

//-----
$95ED      .byte $00,$04,$04,$04
$95F1 09 12  ORA # $12
$95F3      .byte $12
$95F4 09 08  ORA # $08
$95F6 0A     ASL A
$95F7      .byte $00
$95F8 FE FA FA INC $FAFA,X
$95FB      .byte $FA,$FA
$95FD 06 06  ASL $06
$95FF 06 08  ASL $08
//-----
L_JSR_($9601)_($9289) OK
L_JSR_($9601)_($9395) OK
//-----
$9601 8D 0F 96 STA $960F
$9604 18     CLC
$9605 AD 2E 7D LDA $7D2E
$9608 6D 2F 7D ADC $7D2F
$960B 8D 2E 7D STA $7D2E
$960E 29 0F  AND # $0F
$9610 8D 2D 96 STA $962D
$9613 AD 2F 7D LDA $7D2F
$9616 29 01  AND # $01
$9618 F0 0F  BEQ L_BRS_($9629)_($9618) OK
$961A 18     CLC
//-----
L_BRS_($961B)_($9699) OK
//-----

```

```
$961B A5 FE LDA $FE
$961D 6D 2D 96 ADC $962D
$9620 85 FE STA $FE
$9622 90 10 BCC L_BRS_($9634)_($9622) OK
$9624 E6 FF INC $FF
$9626 4C 34 96 JMP L_JMP_($9634)_($9626) OK
//-----
L_BRS_($9629)_($9618) OK
//-----
$9629 38 SEC
$962A A5 FE LDA $FE
$962C E9 03 SBC #$03
$962E 85 FE STA $FE
$9630 B0 02 BCS L_BRS_($9634)_($9630) OK
$9632 C6 FF DEC $FF
//-----
L_BRS_($9634)_($9622) OK
L_JMP_($9634)_($9626) OK
L_BRS_($9634)_($9630) OK
//-----
$9634 60 RTS
//-----
L_JSR_($9635)_($7FAD) OK
//-----
$9635 A9 34 LDA #$34
$9637 85 01 STA $01
$9639 AD DA 7B LDA $7BDA
$963C 8D 52 7A STA $7A52
$963F AD 57 7A LDA $7A57
```

\$9642 49 08 EOR # \$08
\$9644 8D 57 7A STA \$7A57
\$9647 8D 58 7A STA \$7A58
\$964A 8D 59 7A STA \$7A59
\$964D 8D 5A 7A STA \$7A5A
\$9650 AD 7A 7B LDA \$7B7A
\$9653 0A ASL A
\$9654 8D 53 7A STA \$7A53
\$9657 AA TAX
\$9658 BD 97 96 LDA \$9697,X
//-----
L_BRS_(\$965D)_(\$969B) BAD
//-----
\$965B BC 96 96 LDY \$9696,X
\$965E AA TAX
\$965F A9 00 LDA # \$00
\$9661 20 82 9C JSR L_JSR_(\$9C82)_(\$9661) BAD
\$9664 AE 53 7A LDX \$7A53
\$9667 BD 03 97 LDA \$9703,X
\$966A BC 02 97 LDY \$9702,X
\$966D AA TAX
\$966E A9 01 LDA # \$01
\$9670 20 82 9C JSR L_JSR_(\$9C82)_(\$9670) BAD
\$9673 AE 53 7A LDX \$7A53
\$9676 BD CD 96 LDA \$96CD,X
\$9679 BC CC 96 LDY \$96CC,X
\$967C AA TAX
\$967D A9 02 LDA # \$02
\$967F 20 82 9C JSR L_JSR_(\$9C82)_(\$967F) BAD

```

$9682 AE 53 7A LDX $7A53
$9685 BD 39 97 LDA $9739,X
$9688 BC 38 97 LDY $9738,X
$968B AA    TAX
$968C A9 03  LDA #$03
$968E 20 82 9C JSR L_JSR_($9C82)_($968E) BAD
$9691 A9 35  LDA #$35
$9693 85 01  STA $01
$9695 60    RTS
//-----
$9696      .byte $00
$9697 D0 40  BNE L_BRS_($96D9)_($9697) JAM
$9699 D0 80  BNE L_BRS_($961B)_($9699) OK
$969B D0 C0  BNE L_BRS_($965D)_($969B) BAD
$969D D0 00  BNE L_BRS_($969F)_($969D) OK
//-----
L_BRS_($969F)_($969D) OK
//-----
$969F D1 40  CMP ($40),Y
$96A1 D1 80  CMP ($80),Y
$96A3 D1 C0  CMP ($C0),Y
$96A5 D1 00  CMP ($00),Y
$96A7      .byte $D2
$96A8 40    RTI
//-----
$96A9      .byte $D2,$80,$D2
$96AC C0 D2  CPY #$D2
$96AE      .byte $00
$96AF D6 40  DEC $40,X

```



```

$96B1 D6 80  DEC $80,X
$96B3 D6 C0  DEC $C0,X
$96B5 D6 00  DEC $00,X
$96B7      .byte $D7
$96B8 40    RTI
//-----
$96B9      .byte $D7,$80,$D7,$80
$96BD D9 80 D9  CMP $D980,Y
$96C0      .byte $00,$DA
$96C2 40    RTI
//-----
$96C3      .byte $DA,$00,$00
$96C6 40    RTI
//-----
$96C7 F5 40  SBC $40,X
$96C9 F6 80  INC $80,X
$96CB F6 00  INC $00,X
$96CD      .byte $D3
$96CE 40    RTI
//-----
$96CF      .byte $D3,$80,$D3
$96D2 C0 D3  CPY #D3
$96D4      .byte $00,$D4
$96D6 40    RTI
//-----
L_BRS_($96D9)_($9697) JAM
//-----
$96D7      .byte $D4,$80,$D4
$96DA C0 D4  CPY #D4

```

```
$96DC    .byte $00
$96DD D5 40  CMP $40,X
$96DF D5 80  CMP $80,X
$96E1 D5 C0  CMP $C0,X
$96E3 D5 C0  CMP $C0,X
$96E5    .byte $D7,$00
$96E7 D8    CLD
$96E8 40    RTI
//-----
$96E9 D8    CLD
$96EA    .byte $80
$96EB D8    CLD
$96EC C0 D8  CPY #D8
$96EE    .byte $00
$96EF D9 40 D9  CMP $D940,Y
$96F2 C0 D9  CPY #D9
$96F4 C0 D9  CPY #D9
$96F6    .byte $80,$DA
$96F8 C0 DA  CPY #DA
$96FA    .byte $00,$00,$80
$96FD F5 C0  SBC $C0,X
$96FF    .byte $F7,$00,$F8,$80,$DB,$00,$DC,$80
$9707    .byte $DC,$00
$9709 DD 80 DD  CMP $DD80,X
$970C    .byte $00
$970D DE 80 DE  DEC $DE80,X
$9710    .byte $00,$DF,$80,$DF,$00
$9715 E0 80  CPX #80
$9717 E0 00  CPX #00
```

```

$9719 E1 80 SBC ($80,X)
$971B E1 00 SBC ($00,X)
$971D .byte $E2,$80,$E2,$00,$E3,$80,$E3,$00
$9725 E4 80 CPX $80
$9727 E4 00 CPX $00
$9729 E5 00 SBC $00
$972B E5 80 SBC $80
$972D E5 00 SBC $00
$972F E6 00 INC $00
$9731 .byte $00
$9732 C0 F5 CPY #F5
$9734 C0 F6 CPY #F6
$9736 40 RTI
//-----
$9737 .byte $F7
$9738 C0 DB CPY #DB
$973A 40 RTI
//-----
$973B .byte $DC
$973C C0 DC CPY #DC
$973E 40 RTI
//-----
$973F DD C0 DD CMP $DDC0,X
$9742 40 RTI
//-----
$9743 DE C0 DE DEC $DECO,X
$9746 40 RTI
//-----
$9747 .byte $DF

```

\$9748 C0 DF CPY # \$DF

\$974A 40 RTI

//-----

\$974B E0 C0 CPX # \$C0

\$974D E0 40 CPX # \$40

\$974F E1 C0 SBC (\$C0,X)

\$9751 E1 40 SBC (\$40,X)

\$9753 .byte \$E2

\$9754 C0 E2 CPY # \$E2

\$9756 40 RTI

//-----

\$9757 .byte \$E3

\$9758 C0 E3 CPY # \$E3

\$975A 40 RTI

//-----

\$975B E4 C0 CPX \$C0

\$975D E4 40 CPX \$40

\$975F E5 40 SBC \$40

\$9761 E5 C0 SBC \$C0

\$9763 E5 40 SBC \$40

\$9765 E6 00 INC \$00

\$9767 .byte \$00,\$00

\$9769 F6 00 INC \$00,X

\$976B .byte \$F7,\$80,\$F7

//-----

L_JSR_(\$976E)_(\$7D96) OK

L_JSR_(\$976E)_(\$9C4B) OK

//-----

\$976E 20 12 B5 JSR \$B512

\$9771 A9 00 LDA #00
\$9773 8D 21 D0 STA \$D021
\$9776 8D 20 D0 STA \$D020
\$9779 A9 01 LDA #01
\$977B 8D 6F 80 STA \$806F
\$977E A9 00 LDA #00
\$9780 8D 86 7D STA \$7D86
\$9783 20 4F 80 JSR L_JSR_(\$804F)_(\$9783) OK
\$9786 AD 00 DD LDA \$DD00
\$9789 29 FC AND #FC
\$978B 09 03 ORA #03
\$978D 8D 00 DD STA \$DD00
\$9790 AD 16 D0 LDA \$D016
\$9793 29 EF AND #EF
\$9795 8D 16 D0 STA \$D016
\$9798 A9 12 LDA #12
\$979A 8D 18 D0 STA \$D018
\$979D 38 SEC
\$979E AD 30 7B LDA \$7B30
\$97A1 ED 32 7B SBC \$7B32
\$97A4 8D 45 7A STA \$7A45
\$97A7 AD 31 7B LDA \$7B31
\$97AA ED 33 7B SBC \$7B33
\$97AD 0D 45 7A ORA \$7A45
\$97B0 90 0C BCC L_BRS_(\$97BE)_(\$97B0) OK
\$97B2 AD 30 7B LDA \$7B30
\$97B5 8D 32 7B STA \$7B32
\$97B8 AD 31 7B LDA \$7B31
\$97BB 8D 33 7B STA \$7B33

```
//-----  
L_BRS_($97BE)_($97B0) OK  
  
//-----  
$97BE AD 32 7B LDA $7B32  
$97C1 85 FE STA $FE  
$97C3 AD 33 7B LDA $7B33  
$97C6 85 FF STA $FF  
$97C8 20 C4 89 JSR L_JSR_($89C4)_($97C8) OK  
$97CB A2 05 LDX #$05  
  
//-----  
L_BRS_($97CD)_($97D4) OK  
  
//-----  
$97CD BD 34 7B LDA $7B34,X  
$97D0 9D 72 9A STA $9A72,X  
$97D3 CA DEX  
$97D4 10 F7 BPL L_BRS_($97CD)_($97D4) OK  
$97D6 A9 00 LDA #$00  
$97D8 8D 15 D0 STA $D015  
$97DB A9 48 LDA #$48  
$97DD 85 FE STA $FE  
$97DF A9 BB LDA #$BB  
$97E1 85 FF STA $FF  
$97E3 A9 00 LDA #$00  
$97E5 85 FC STA $FC  
$97E7 A9 08 LDA #$08  
$97E9 85 FD STA $FD  
$97EB A2 05 LDX #$05  
$97ED A0 00 LDY #$00  
  
//-----
```

```
L_BRS_($97EF)_($97F4) OK
L_BRS_($97EF)_($97FB) OK
//-----
$97EF B1 FE  LDA ($FE),Y
$97F1 91 FC  STA ($FC),Y
$97F3 88    DEY
$97F4 D0 F9  BNE L_BRS_($97EF)_($97F4) OK
$97F6 E6 FF  INC $FF
$97F8 E6 FD  INC $FD
$97FA CA    DEX
$97FB 10 F2  BPL L_BRS_($97EF)_($97FB) OK
$97FD A2 F0  LDX #$F0
//-----
L_BRS_($97FF)_($980B) OK
//-----
$97FF BD 00 79 LDA $7900,X
$9802 9D 2E 04 STA $042E,X
$9805 A9 07  LDA #$07
$9807 9D 2E D8 STA $D82E,X
$980A CA    DEX
$980B D0 F2  BNE L_BRS_($97FF)_($980B) OK
$980D A2 0B  LDX #$0B
//-----
L_BRS_($980F)_($9826) OK
//-----
$980F BD 26 9A LDA $9A26,X
$9812 29 3F  AND #$3F
$9814 18    CLC
$9815 69 7C  ADC #$7C
```

\$9817 9D D7 04 STA \$04D7,X
\$981A BD 32 9A LDA \$9A32,X
\$981D 29 3F AND #\$3F
\$981F 18 CLC
\$9820 69 7C ADC #\$7C
\$9822 9D 00 05 STA \$0500,X
\$9825 CA DEX
\$9826 10 E7 BPL L_BRS_(\$980F)_(\$9826) OK
\$9828 A9 FF LDA #\$FF
\$982A 8D 4B 7A STA \$7A4B
\$982D 8D 40 98 STA \$9840
\$9830 A9 00 LDA #\$00
\$9832 20 00 10 JSR L_JSR_(\$1000)_(\$9832) OK
\$9835 20 92 99 JSR L_JSR_(\$9992)_(\$9835) OK
\$9838 20 20 B5 JSR \$B520
//-----
L_JMP_(\$983B)_(\$98FE) OK
//-----
\$983B 20 A3 7F JSR L_JSR_(\$7FA3)_(\$983B) OK
\$983E 38 SEC
\$983F A9 7F LDA #\$7F
\$9841 E9 80 SBC #\$80
\$9843 8D 40 98 STA \$9840
\$9846 B0 16 BCS L_BRS_(\$985E)_(\$9846) OK
\$9848 A9 00 LDA #\$00
\$984A C9 02 CMP #\$02
\$984C B0 10 BCS L_BRS_(\$985E)_(\$984C) OK
\$984E CE 4B 7A DEC \$7A4B
\$9851 D0 0B BNE L_BRS_(\$985E)_(\$9851) OK

\$9853 AD 49 98 LDA \$9849
\$9856 49 01 EOR #\$01
\$9858 8D 49 98 STA \$9849
\$985B 20 92 99 JSR L_JSR_(\$9992)_(\$985B) OK
//-----
L_BRS_(\$985E)_(\$9846) OK
L_BRS_(\$985E)_(\$984C) OK
L_BRS_(\$985E)_(\$9851) OK
//-----
\$985E AD 2F 7D LDA \$7D2F
\$9861 ED 12 D0 SBC \$D012
\$9864 8D 2F 7D STA \$7D2F
\$9867 AD 00 DC LDA \$DC00
\$986A 29 10 AND #\$10
\$986C 8D 3F 7A STA \$7A3F
\$986F AD 49 98 LDA \$9849
\$9872 C9 03 CMP #\$03
\$9874 D0 32 BNE L_BRS_(\$98A8)_(\$9874) OK
\$9876 38 SEC
\$9877 AD 9A 7B LDA \$7B9A
\$987A E9 07 SBC #\$07
\$987C 8D 9A 7B STA \$7B9A
\$987F B0 03 BCS L_BRS_(\$9884)_(\$987F) OK
\$9881 CE 93 98 DEC \$9893
//-----
L_BRS_(\$9884)_(\$987F) OK
//-----
\$9884 A9 00 LDA #\$00
\$9886 D0 0A BNE L_BRS_(\$9892)_(\$9886) OK

```
$9888 AD 93 98 LDA $9893
$988B C9 6B  CMP #$6B
$988D F0 31  BEQ L_BRS_($98C0)_($988D) OK
$988F 4C A8 98 JMP L_JMP_($98A8)_($988F) OK
//-----
L_BRS_($9892)_($9886) OK
//-----
$9892 A9 00  LDA #$00
$9894 C9 6B  CMP #$6B
$9896 F0 28  BEQ L_BRS_($98C0)_($9896) OK
$9898 8D 6B 06 STA $066B
$989B A9 02  LDA #$02
$989D 8D 6B DA STA $DA6B
$98A0 AD 3F 7A LDA $7A3F
$98A3 D0 08  BNE L_BRS_($98AD)_($98A3) OK
$98A5 EE 86 7D INC $7D86
//-----
L_BRS_($98A8)_($9874) OK
L_JMP_($98A8)_($988F) OK
//-----
$98A8 AD 3F 7A LDA $7A3F
$98AB F0 13  BEQ L_BRS_($98C0)_($98AB) OK
//-----
L_BRS_($98AD)_($98A3) OK
//-----
$98AD A9 FE  LDA #$FE
$98AF 8D 00 DC STA $DC00
$98B2 AD 01 DC LDA $DC01
$98B5 C9 FD  CMP #$FD
```

```
$98B7 D0 0A BNE L_BRS_($98C3)_($98B7) OK
$98B9 A9 00 LDA #$00
$98BB D0 2D BNE L_BRS_($98EA)_($98BB) OK
$98BD 4C EA 98 JMP L_JMP_($98EA)_($98BD) OK
//-----
L_BRS_($98C0)_($988D) OK
L_BRS_($98C0)_($9896) OK
L_BRS_($98C0)_($98AB) OK
//-----
$98C0 4C 01 99 JMP L_JMP_($9901)_($98C0) OK
//-----
L_BRS_($98C3)_($98B7) OK
//-----
$98C3 A9 00 LDA #$00
$98C5 8D BA 98 STA $98BA
$98C8 A9 EF LDA #$EF
$98CA 8D 00 DC STA $DC00
$98CD AD 01 DC LDA $DC01
$98D0 C9 FD CMP #$FD
$98D2 D0 16 BNE L_BRS_($98EA)_($98D2) OK
$98D4 A9 F7 LDA #$F7
$98D6 8D 00 DC STA $DC00
$98D9 AD 01 DC LDA $DC01
$98DC C9 DF CMP #$DF
$98DE D0 0A BNE L_BRS_($98EA)_($98DE) OK
$98E0 A0 0D LDY #$0D
$98E2 20 2F 9C JSR L_JSR_($9C2F)_($98E2) OK
$98E5 A9 01 LDA #$01
$98E7 8D D3 7F STA $7FD3
```

//-----
L_BRS_(\$98EA)_(\$98BB) OK

L_JMP_(\$98EA)_(\$98BD) OK

L_BRS_(\$98EA)_(\$98D2) OK

L_BRS_(\$98EA)_(\$98DE) OK

//-----

\$98EA A9 FB LDA #\$FB

\$98EC 8D 00 DC STA \$DC00

\$98EF AD 01 DC LDA \$DC01

\$98F2 C9 FE CMP #\$FE

\$98F4 D0 00 BNE L_BRS_(\$98F6)_(\$98F4) OK

//-----

L_BRS_(\$98F6)_(\$98F4) OK

//-----

\$98F6 A9 FF LDA #\$FF

\$98F8 8D 00 DC STA \$DC00

\$98FB AD 00 DC LDA \$DC00

\$98FE 4C 3B 98 JMP L_JMP_(\$983B)_(\$98FE) OK

//-----

L_JMP_(\$9901)_(\$98C0) OK

//-----

\$9901 A9 04 LDA #\$04

\$9903 85 FF STA \$FF

\$9905 A5 00 LDA \$00

\$9907 85 FE STA \$FE

\$9909 A9 15 LDA #\$15

\$990B 8D 45 7A STA \$7A45

//-----

L_BRS_(\$990E)_(\$9928) OK

```
//-----
$990E 20 A3 7F JSR L_JSR_($7FA3)_($990E) OK
$9911 A0 27 LDY #$27
$9913 A9 00 LDA #$00
//-----
L_BRS_($9915)_($9918) OK
//-----
$9915 91 FE STA ($FE),Y
$9917 88 DEY
$9918 10 FB BPL L_BRS_($9915)_($9918) OK
$991A 18 CLC
$991B A5 FE LDA $FE
$991D 69 28 ADC #$28
$991F 85 FE STA $FE
$9921 90 02 BCC L_BRS_($9925)_($9921) OK
$9923 E6 FF INC $FF
//-----
L_BRS_($9925)_($9921) OK
//-----
$9925 CE 45 7A DEC $7A45
$9928 D0 E4 BNE L_BRS_($990E)_($9928) OK
$992A A9 00 LDA #$00
$992C 8D 20 D0 STA $D020
$992F 20 12 B5 JSR $B512
$9932 A9 00 LDA #$00
$9934 8D 6F 80 STA $806F
$9937 20 06 10 JSR L_JSR_($1006)_($9937) OK
$993A 60 RTS
//-----
```

\$993B 48 PHA
\$993C A5 01 LDA \$01
\$993E 48 PHA
\$993F A9 35 LDA #\$35
\$9941 85 01 STA \$01
\$9943 98 TYA
\$9944 48 PHA
\$9945 8A TXA
\$9946 48 PHA
\$9947 AD 49 98 LDA \$9849
\$994A C9 03 CMP #\$03
\$994C F0 19 BEQ L_BRS_(\$9967)_(\$994C) OK
\$994E AD 03 7A LDA \$7A03
\$9951 F0 11 BEQ L_BRS_(\$9964)_(\$9951) OK
\$9953 EE 57 99 INC \$9957
\$9956 A9 04 LDA #\$04
\$9958 C9 05 CMP #\$05
\$995A D0 08 BNE L_BRS_(\$9964)_(\$995A) OK
\$995C A9 00 LDA #\$00
\$995E 8D 57 99 STA \$9957
\$9961 4C 67 99 JMP L_JMP_(\$9967)_(\$9961) OK
//-----
L_BRS_(\$9964)_(\$9951) OK
L_BRS_(\$9964)_(\$995A) OK
//-----
\$9964 20 09 10 JSR L_JSR_(\$1009)_(\$9964) OK
//-----
L_BRS_(\$9967)_(\$994C) OK
L_JMP_(\$9967)_(\$9961) OK

```
//-----  
$9967 A9 3B LDA #$3B  
$9969 8D FE FF STA $FFFE  
$996C A9 99 LDA #$99  
$996E 8D FF FF STA $FFFF  
$9971 A9 00 LDA #$00  
$9973 8D 29 7A STA $7A29  
$9976 8D 12 D0 STA $D012  
$9979 A9 01 LDA #$01  
$997B 8D 19 D0 STA $D019  
$997E AD 20 D0 LDA $D020  
$9981 68 PLA  
$9982 AA TAX  
$9983 68 PLA  
$9984 A8 TAY  
$9985 68 PLA  
$9986 85 01 STA $01  
$9988 68 PLA  
$9989 40 RTI  
//-----  
$998A 3E 92 64 ROL $6492,X  
$998D C9 9A CMP #$9A  
$998F 9A TXS  
$9990 .byte $9B,$9B  
//-----  
L_JSR_($9992)_($9835) OK  
L_JSR_($9992)_($985B) OK  
//-----  
$9992 A2 30 LDX #$30
```

\$9994 A9 20 LDA #\$20
//-----
L_BRS_(\$9996)_(\$999A) OK
//-----
\$9996 9D 00 04 STA \$0400,X
\$9999 CA DEX
\$999A 10 FA BPL L_BRS_(\$9996)_(\$999A) OK
\$999C A2 00 LDX #\$00
\$999E A9 20 LDA #\$20
//-----
L_BRS_(\$99A0)_(\$99AA) OK
//-----
\$99A0 9D 1E 05 STA \$051E,X
\$99A3 9D 00 06 STA \$0600,X
\$99A6 9D 00 07 STA \$0700,X
\$99A9 CA DEX
\$99AA D0 F4 BNE L_BRS_(\$99A0)_(\$99AA) OK
\$99AC AE 49 98 LDX \$9849
\$99AF BD 8A 99 LDA \$998A,X
\$99B2 8D F5 99 STA \$99F5
\$99B5 8D FE 99 STA \$99FE
\$99B8 8D 05 9A STA \$9A05
\$99BB BD 8E 99 LDA \$998E,X
\$99BE 8D F6 99 STA \$99F6
\$99C1 8D FF 99 STA \$99FF
\$99C4 8D 06 9A STA \$9A06
\$99C7 A9 40 LDA #\$40
\$99C9 85 FB STA \$FB
\$99CB A9 05 LDA #\$05


```
$99CD 85 FC STA $FC
$99CF A9 40 LDA #$40
$99D1 85 FD STA $FD
$99D3 A9 D9 LDA #$D9
$99D5 85 FE STA $FE
$99D7 A2 FF LDX #$FF
//-----
L_BRS_($99D9)_($99F7) OK
L_BRS_($99D9)_($9A09) OK
//-----
$99D9 E8 INX
$99DA 18 CLC
$99DB A5 FB LDA $FB
$99DD 69 28 ADC #$28
$99DF 85 FB STA $FB
$99E1 A5 FC LDA $FC
$99E3 69 00 ADC #$00
$99E5 85 FC STA $FC
$99E7 18 CLC
$99E8 A5 FD LDA $FD
$99EA 69 28 ADC #$28
$99EC 85 FD STA $FD
$99EE A5 FE LDA $FE
$99F0 69 00 ADC #$00
$99F2 85 FE STA $FE
$99F4 BD 3E 9A LDA $9A3E,X
$99F7 F0 E0 BEQ L_BRS_($99D9)_($99F7) OK
$99F9 30 2A BMI L_BRS_($9A25)_($99F9) OK
$99FB A8 TAY
```

```
$99FC E8    INX
$99FD BD 3E 9A LDA $9A3E,X
$9A00 8D 1D 9A STA $9A1D
$9A03 E8    INX
//-----
L_JMP_($9A04)_($9A22) OK
//-----
$9A04 BD 3E 9A LDA $9A3E,X
$9A07 C9 FF    CMP #$FF
$9A09 F0 CE    BEQ L_BRS_($99D9)_($9A09) OK
$9A0B 29 3F    AND #$3F
$9A0D C9 30    CMP #$30
$9A0F 90 06    BCC L_BRS_($9A17)_($9A0F) OK
$9A11 18     CLC
$9A12 69 3C    ADC #$3C
$9A14 4C 1A 9A JMP L_JMP_($9A1A)_($9A14) OK
//-----
L_BRS_($9A17)_($9A0F) OK
//-----
$9A17 18     CLC
$9A18 69 7C    ADC #$7C
//-----
L_JMP_($9A1A)_($9A14) OK
//-----
$9A1A 91 FB    STA ($FB),Y
$9A1C A9 02    LDA #$02
$9A1E 91 FD    STA ($FD),Y
$9A20 C8     INY
$9A21 E8     INX
```

\$9A22 4C 04 9A JMP L_JMP_(\$9A04)_(\$9A22) OK

//-----

L_BRS_(\$9A25)_(\$99F9) OK

//-----

\$9A25 60 RTS

//-----

\$9A26 41 4E EOR (\$4E,X)

\$9A28 .byte \$44

\$9A29 20 54 48 JSR L_JSR_(\$4854)_(\$9A29) JAM

\$9A2C 45 40 EOR \$40

\$9A2E 40 RTI

//-----

\$9A2F 40 RTI

//-----

\$9A30 40 RTI

//-----

\$9A31 40 RTI

//-----

\$9A32 4C 41 53 JMP L_JMP_(\$5341)_(\$9A32) OK

\$9A35 .byte \$54

\$9A36 20 43 52 JSR L_JSR_(\$5243)_(\$9A36) OK

\$9A39 55 53 EOR \$53,X

\$9A3B 41 44 EOR (\$44,X)

\$9A3D 45 00 EOR \$00

\$9A3F .byte \$00,\$0C

\$9A41 08 PHP

\$9A42 .byte \$43,\$4F

\$9A44 50 59 BVC L_BRS_(\$9A9F)_(\$9A44) OK

\$9A46 .byte \$52

\$9A47 49 47 EOR #\$47
\$9A49 48 PHA
\$9A4A .byte \$54
\$9A4B 20 31 39 JSR L_JSR_(\$3931)_(\$9A4B) OK
\$9A4E 38 SEC
\$9A4F 39 FF 0B AND \$0BFF,Y
\$9A52 08 PHP
\$9A53 4C 55 43 JMP L_JMP_(\$4355)_(\$9A53) BAD
\$9A56 41 53 EOR (\$53,X)
\$9A58 46 49 LSR \$49
\$9A5A 4C 4D 20 JMP L_JMP_(\$204D)_(\$9A5A) BAD
\$9A5D 20 47 41 JSR L_JSR_(\$4147)_(\$9A5D) OK
\$9A60 4D 45 53 EOR \$5345
\$9A63 .byte \$FF,\$00,\$00,\$0B
\$9A67 0A ASL A
\$9A68 48 PHA
\$9A69 49 40 EOR #\$40
\$9A6B .byte \$53,\$43,\$4F,\$52
\$9A6F 45 20 EOR \$20
\$9A71 20 30 30 JSR L_JSR_(\$3030)_(\$9A71) OK
\$9A74 30 30 BMI L_BRS_(\$9AA6)_(\$9A74) OK
\$9A76 30 30 BMI L_BRS_(\$9AA8)_(\$9A76) BAD
\$9A78 .byte \$FF,\$00,\$00
\$9A7B 0A ASL A
\$9A7C .byte \$02
\$9A7D 50 52 BVC L_BRS_(\$9AD1)_(\$9A7D) OK
\$9A7F 45 53 EOR \$53
\$9A81 .byte \$53
\$9A82 40 RTI

```

//-----
$9A83 46 49 LSR $49
$9A85      .byte $52
$9A86 45 40 EOR $40
$9A88      .byte $54,$4F
$9A8A 40    RTI
//-----
$9A8B      .byte $53,$54
$9A8D 41 52 EOR ($52,X)
$9A8F      .byte $54,$FF,$FF,$0C
$9A93 01 50 ORA ($50,X)
$9A95      .byte $52,$4F,$47,$52
$9A99 41 4D EOR ($4D,X)
$9A9B 4D 49 4E EOR $4E49
$9A9E      .byte $47
//-----
L_BRS_($9A9F)_($9A44) OK
//-----
$9A9F 40    RTI
//-----
$9AA0      .byte $42
$9AA1 59 FF 08 EOR $08FF,Y
$9AA4 01 41 ORA ($41,X)
//-----
L_BRS_($9AA6)_($9A74) OK
L_BRS_($9AA8)_($9A76) BAD
//-----
$9AA6 4C 45 58 JMP L_JMP_($5845)_($9AA6) JAM
$9AA9 40    RTI

```

//-----

\$9AAA 46 49 LSR \$49

\$9AAC .byte \$53

\$9AAD 48 PHA

\$9AAE 40 RTI

//-----

\$9AAF 41 4E EOR (\$4E,X)

\$9AB1 .byte \$44

\$9AB2 40 RTI

//-----

\$9AB3 4D 41 52 EOR \$5241

\$9AB6 .byte \$4B

\$9AB7 40 RTI

//-----

\$9AB8 .byte \$54

\$9AB9 41 49 EOR (\$49,X)

\$9ABB .byte \$54,\$FF

\$9ABD 0D 01 46 ORA \$4601

\$9AC0 .byte \$4F,\$52

\$9AC2 40 RTI

//-----

\$9AC3 40 RTI

//-----

\$9AC4 .byte \$54

\$9AC5 49 45 EOR #\$45

\$9AC7 .byte \$52,\$54

\$9AC9 45 58 EOR \$58

\$9ACB .byte \$FF,\$00,\$07,\$0F,\$47,\$52

//-----

```
L_BRS_($9AD1)_($9A7D) OK
//-----
$9AD1 41 50  EOR ($50,X)
$9AD3 48    PHA
$9AD4 49 43  EOR #$43
$9AD6     .byte $53
$9AD7 20 20 42 JSR L_JSR_($4220)_($9AD7) BAD
$9ADA 59 20 4A EOR $4A20,Y
$9ADD 41 4D  EOR ($4D,X)
$9ADF 45 53  EOR $53
$9AE1 20 43 4C JSR L_JSR_($4C43)_($9AE1) JAM
$9AE4 41 52  EOR ($52,X)
$9AE6     .byte $4B
$9AE7 45 FF  EOR $FF
$9AE9     .byte $0C,$0F
$9AEB 41 4E  EOR ($4E,X)
$9AED     .byte $44
$9AEE 20 20 42 JSR L_JSR_($4220)_($9AEE) BAD
$9AF1 4C 55 45 JMP L_JMP_($4555)_($9AF1) BAD
$9AF4 20 54 55 JSR L_JSR_($5554)_($9AF4) JAM
$9AF7     .byte $52,$54
$9AF9 4C 45 FF JMP $FF45
$9AFC     .byte $0B,$0F
$9AFE 4D 55 53 EOR $5355
$9B01 49 43  EOR #$43
$9B03 20 42 59 JSR L_JSR_($5942)_($9B03) JAM
$9B06 20 4D 41 JSR L_JSR_($414D)_($9B06) BAD
$9B09     .byte $52,$4B
$9B0B 20 54 41 JSR L_JSR_($4154)_($9B0B) BAD
```

```
$9B0E 49 54  EOR #$54
$9B10      .byte $FF,$00
$9B12 08    PHP
$9B13      .byte $0C
$9B14 55 53  EOR $53,X
$9B16 40    RTI
//-----
$9B17      .byte $54
$9B18 45 43  EOR $43
$9B1A 48    PHA
$9B1B 4E 49 43 LSR $4349
$9B1E 41 4C  EOR ($4C,X)
$9B20 40    RTI
//-----
$9B21      .byte $43,$4F,$4F,$52,$44
$9B26 49 4E  EOR #$4E
$9B28 41 54  EOR ($54,X)
$9B2A      .byte $4F,$52,$FF
$9B2D 0D 0C 41 ORA $410C
$9B30      .byte $4B
$9B31 49 4C  EOR #$4C
$9B33 41 40  EOR ($40,X)
$9B35 4A    LSR A
$9B36 40    RTI
//-----
$9B37      .byte $52
$9B38 45 44  EOR $44
$9B3A 4D 45 52 EOR $5245
$9B3D      .byte $FF,$00,$0B,$0B
```



```
$9B41 55 4B  EOR $4B,X
$9B43 40    RTI
//-----
$9B44 50 52  BVC L_BRS_($9B98)_($9B44) BAD
$9B46      .byte $4F
$9B47 4A    LSR A
$9B48 45 43  EOR $43
$9B4A      .byte $54
$9B4B 40    RTI
//-----
$9B4C 4D 41 4E EOR $4E41
$9B4F 41 47  EOR ($47,X)
$9B51 45 52  EOR $52
$9B53      .byte $FF
$9B54 0E 0B 4D ASL $4D0B
$9B57 49 4B  EOR #$4B
$9B59 45 40  EOR $40
$9B5B      .byte $57
$9B5C 49 4C  EOR #$4C
$9B5E      .byte $44
$9B5F 49 4E  EOR #$4E
$9B61      .byte $47,$FF,$FF,$0C
$9B65 01 57  ORA ($57,X)
$9B67 45 4C  EOR $4C
$9B69 4C 20 44 JMP L_JMP_($4420)_($9B69) BAD
$9B6C      .byte $4F
$9B6D 4E 45 20 LSR $2045
$9B70 49 4E  EOR #$4E
$9B72      .byte $44
```

```
$9B73 59 FF 00 EOR $00FF,Y
$9B76      .byte $00
$9B77 09 08  ORA # $08
$9B79 59 4F 55 EOR $554F,Y
$9B7C 20 48 41 JSR L_JSR_($4148)_($9B7C) BAD
$9B7F 56 45  LSR $45,X
$9B81 20 41 43 JSR L_JSR_($4341)_($9B81) JAM
$9B84      .byte $43,$4F
$9B86 4D 50 4C EOR $4C50
$9B89 49 53  EOR # $53
$9B8B 48     PHA
$9B8C 45 44  EOR $44
$9B8E      .byte $FF,$00,$0B
$9B91 08     PHP
$9B92 59 4F 55 EOR $554F,Y
$9B95      .byte $52
//-----
L_BRS_($9B98)_($9B44) BAD
//-----
$9B96 20 44 41 JSR L_JSR_($4144)_($9B96) JAM
$9B99      .byte $52
$9B9A 49 4E  EOR # $4E
$9B9C      .byte $47
$9B9D 20 51 55 JSR L_JSR_($5551)_($9B9D) JAM
$9BA0 45 53  EOR $53
$9BA2      .byte $54,$FF,$00,$00,$0C,$07
$9BA8 59 4F 55 EOR $554F,Y
$9BAB 20 48 41 JSR L_JSR_($4148)_($9BAB) BAD
$9BAE 56 45  LSR $45,X
```

```
$9BB0 20 52 45 JSR L_JSR_($4552)_($9BB0) OK
$9BB3      .byte $53,$43
$9BB5 55 45  EOR $45,X
$9BB7      .byte $44,$FF,$00,$0F,$07
$9BBC 59 4F 55 EOR $554F,Y
$9BBF      .byte $52
$9BC0 20 46 41 JSR L_JSR_($4146)_($9BC0) BAD
$9BC3      .byte $54
$9BC4 48    PHA
$9BC5 45 52  EOR $52
$9BC7      .byte $FF,$FF,$07,$02
$9BCB 59 4F 55 EOR $554F,Y
$9BCE 40    RTI
//-----
$9BCF 41 52  EOR ($52,X)
$9BD1 45 40  EOR $40
$9BD3      .byte $4F
$9BD4 55 54  EOR $54,X
$9BD6 40    RTI
//-----
$9BD7      .byte $4F
$9BD8 46 40  LSR $40
$9BDA 4C 49 56 JMP L_JMP_($5649)_($9BDA) JAM
$9BDD 45 53  EOR $53
$9BDF 40    RTI
//-----
$9BE0 49 4E  EOR #$4E
$9BE2      .byte $44
$9BE3 59 FF 00 EOR $00FF,Y
```

```
$9BE6      .byte $0F,$02,$47
$9BE9 41 4D  EOR ($4D,X)
$9BEB 45 40  EOR $40
$9BED 40     RTI
//-----
$9BEE      .byte $4F
$9BEF 56 45  LSR $45,X
$9BF1      .byte $52,$FF,$00
$9BF4 06 08  ASL $08
$9BF6 50 52  BVC L_BRS_($9C4A)_($9BF6) BAD
$9BF8 45 53  EOR $53
$9BFA      .byte $53
$9BFB 40     RTI
//-----
$9BFC 46 49  LSR $49
$9BFE      .byte $52
$9BFF 45 40  EOR $40
$9C01      .byte $54,$4F
$9C03 40     RTI
//-----
$9C04      .byte $43,$4F
$9C06 4E 54 49 LSR $4954
$9C09 4E 55 45 LSR $4555
$9C0C 40     RTI
//-----
$9C0D      .byte $47
$9C0E 41 4D  EOR ($4D,X)
$9C10 45 FF  EOR $FF
$9C12      .byte $FF,$43
```

```
$9C14 48 PHA
$9C15 45 41 EOR $41
$9C17 .byte $54
$9C18 40 RTI
//-----
$9C19 4D 4F 44 EOR $444F
$9C1C 45 40 EOR $40
$9C1E .byte $4F
$9C1F 4E 40 46 LSR $4640
$9C22 .byte $52
$9C23 45 41 EOR $41
$9C25 .byte $4B
$9C26 59 40 44 EOR $4440,Y
$9C29 41 4E EOR ($4E,X)
$9C2B .byte $43
$9C2C 49 4E EOR #$4E
$9C2E .byte $47
//-----
L_JSR_($9C2F)_($98E2) OK
//-----
$9C2F A2 0D LDX #$0D
//-----
L_BRS_($9C31)_($9C43) OK
//-----
$9C31 B9 13 9C LDA $9C13,Y
$9C34 29 3F AND #$3F
$9C36 18 CLC
$9C37 69 7C ADC #$7C
$9C39 9D 01 04 STA $0401,X
```

```
$9C3C A9 04 LDA #$04
$9C3E 9D 01 D8 STA $D801,X
$9C41 88 DEY
$9C42 CA DEX
$9C43 10 EC BPL L_BRS_($9C31)_($9C43) OK
$9C45 60 RTS
//-----
L_JSR_($9C46)_($8F09) OK
//-----
$9C46 A9 02 LDA #$02
//-----
L_BRS_($9C4A)_($9BF6) BAD
L_JMP_($9C48)_($9C7B) OK
//-----
$9C48 8D 49 98 STA $9849
$9C4B 20 6E 97 JSR L_JSR_($976E)_($9C4B) OK
$9C4E A9 00 LDA #$00
$9C50 8D 49 98 STA $9849
$9C53 60 RTS
//-----
L_JSR_($9C54)_($7EC7) OK
//-----
$9C54 A9 01 LDA #$01
$9C56 8D 9A 7B STA $7B9A
$9C59 A9 76 LDA #$76
$9C5B 8D 93 98 STA $9893
$9C5E AE 2D 7D LDX $7D2D
$9C61 BD 7E 9C LDA $9C7E,X
$9C64 8D 85 98 STA $9885
```

```

$9C67 38 SEC
$9C68 E9 01 SBC #$01
$9C6A 8D F3 9B STA $9BF3
$9C6D AD 2D 7D LDA $7D2D
$9C70 C9 03 CMP #$03
$9C72 D0 05 BNE L_BRS_($9C79)_($9C72) OK
$9C74 A9 02 LDA #$02
$9C76 8D 2D 7D STA $7D2D
//-----
L_BRS_($9C79)_($9C72) OK
//-----
$9C79 A9 03 LDA #$03
$9C7B 4C 48 9C JMP L_JMP_($9C48)_($9C7B) OK
$9C7E .byte $00
$9C7F 01 01 ORA ($01,X)
//-----
L_JSR_($9C82)_($8738) BAD
L_JSR_($9C82)_($8747) BAD
L_JSR_($9C82)_($8756) BAD
L_JSR_($9C82)_($90EC) BAD
L_JSR_($9C82)_($916A) BAD
L_JSR_($9C82)_($9661) BAD
L_JSR_($9C82)_($9670) BAD
L_JSR_($9C82)_($967F) BAD
L_JSR_($9C82)_($968E) BAD
//-----
$9C81 01 8D ORA ($8D,X)
$9C83 49 7A EOR #$7A
$9C85 8E D7 9C STX $9CD7

```

\$9C88 8E 02 9D STX \$9D02
\$9C8B AA TAX
\$9C8C BD 57 7A LDA \$7A57,X
\$9C8F 48 PHA
\$9C90 AD 49 7A LDA \$7A49
\$9C93 0A ASL A
\$9C94 8D 49 7A STA \$7A49
\$9C97 8C D6 9C STY \$9CD6
\$9C9A 8C 01 9D STY \$9D01
\$9C9D AD 49 7A LDA \$7A49
\$9CA0 A8 TAY
\$9CA1 68 PLA
\$9CA2 D0 15 BNE L_BRS_(\$9CB9)_(\$9CA2) OK
\$9CA4 B9 4F 9D LDA \$9D4F,Y
\$9CA7 8D D9 9C STA \$9CD9
\$9CAA 8D 0A 9D STA \$9D0A
\$9CAD B9 50 9D LDA \$9D50,Y
\$9CB0 8D DA 9C STA \$9CDA
\$9CB3 8D 0B 9D STA \$9D0B
\$9CB6 4C CB 9C JMP L_JMP_(\$9CCB)_(\$9CB6) OK
//-----
L_BRS_(\$9CB9)_(\$9CA2) OK
//-----
\$9CB9 B9 5F 9D LDA \$9D5F,Y
\$9CBC 8D D9 9C STA \$9CD9
\$9CBF 8D 0A 9D STA \$9D0A
\$9CC2 B9 60 9D LDA \$9D60,Y
\$9CC5 8D DA 9C STA \$9CDA
\$9CC8 8D 0B 9D STA \$9D0B


```

//-----
L_JMP_($9CCB)_($9CB6) OK
//-----
$9CCB AE 49 7A LDX $7A49
$9CCE AD 52 7A LDA $7A52
$9CD1 D0 0C BNE L_BRS_($9CDF)_($9CD1) OK
$9CD3 A2 3F LDX #$3F
//-----
L_BRS_($9CD5)_($9CDC) OK
//-----
$9CD5 BD C0 E7 LDA $E7C0,X
$9CD8 9D C0 09 STA $09C0,X
$9CDB CA DEX
$9CDC 10 F7 BPL L_BRS_($9CD5)_($9CDC) OK
$9CDE 60 RTS
//-----
L_BRS_($9CDF)_($9CD1) OK
//-----
$9CDF AE 49 7A LDX $7A49
$9CE2 BD EA 7B LDA $7BEA,X
$9CE5 F0 0D BEQ L_BRS_($9CF4)_($9CE5) OK
$9CE7 A9 E8 LDA #$E8
$9CE9 8D 04 9D STA $9D04
$9CEC A9 06 LDA #$06
$9CEE 8D 05 9D STA $9D05
$9CF1 4C FE 9C JMP L_JMP_($9CFE)_($9CF1) OK
//-----
L_BRS_($9CF4)_($9CE5) OK
//-----

```

```

$9CF4 A9 E8 LDA #$E8
$9CF6 8D 04 9D STA $9D04
$9CF9 A9 0E LDA #$0E
$9CFB 8D 05 9D STA $9D05
//-----
L_JMP_($9CFE)_($9CF1) OK
//-----
$9CFE A2 3F LDX #$3F
//-----
L_BRS_($9D00)_($9D0D) OK
//-----
$9D00 BC C0 E7 LDY $E7C0,X
$9D03 B9 00 02 LDA $0200,Y
$9D06 BC 10 9D LDY $9D10,X
$9D09 99 C0 09 STA $09C0,Y
$9D0C CA DEX
$9D0D 10 F1 BPL L_BRS_($9D00)_($9D0D) OK
$9D0F 60 RTS
//-----
$9D10 .byte $02
$9D11 01 00 ORA ($00,X)
$9D13 05 04 ORA $04
$9D15 .byte $03
$9D16 08 PHP
$9D17 .byte $07
$9D18 06 0B ASL $0B
$9D1A 0A ASL A
$9D1B 09 0E ORA #$0E
$9D1D 0D 0C 11 ORA $110C

```

```
$9D20 10 0F BPL L_BRS_($9D31)_($9D20) JAM
$9D22      .byte $14,$13,$12,$17
$9D26 16 15 ASL $15,X
$9D28      .byte $1A
$9D29 19 18 1D ORA $1D18,Y
$9D2C      .byte $1C,$1B
$9D2E 20 1F 1E JSR L_JSR_($1E1F)_($9D2E) JAM
//-----
L_BRS_($9D31)_($9D20) JAM
//-----
$9D31      .byte $23,$22
$9D33 21 26 AND ($26,X)
$9D35 25 24 AND $24
$9D37 29 28 AND # $28
$9D39      .byte $27
$9D3A 2C 2B 2A BIT $2A2B
$9D3D      .byte $2F
$9D3E 2E 2D 32 ROL $322D
$9D41 31 30 AND ($30),Y
$9D43 35 34 AND $34,X
$9D45      .byte $33
$9D46 38 SEC
$9D47      .byte $37
$9D48 36 3B ROL $3B,X
$9D4A      .byte $3A
$9D4B 39 3E 3D AND $3D3E,Y
$9D4E      .byte $3C,$00
$9D50 08 PHP
$9D51 40 RTI
```

```

//-----
$9D52 08    PHP
$9D53      .byte $80
$9D54 08    PHP
$9D55 C0 08  CPY #08
$9D57      .byte $00
$9D58 09 40  ORA #040
$9D5A 09 80  ORA #080
$9D5C 09 C0  ORA #0C0
$9D5E 09 00  ORA #000
$9D60 0A    ASL A
$9D61 40    RTI
//-----
$9D62 0A    ASL A
$9D63      .byte $80
$9D64 0A    ASL A
$9D65 C0 0A  CPY #0A
$9D67      .byte $00,$0B
$9D69 40    RTI
//-----
$9D6A      .byte $0B,$80,$0B
$9D6D C0 0B  CPY #0B
//-----
L_JSR_($9D6F)_($7E7C) OK
//-----
$9D6F AD 7A 7B LDA $7B7A
$9D72 8D 4F 7A STA $7A4F
$9D75 AD DA 7B LDA $7BDA
$9D78 8D 51 7A STA $7A51

```

```
$9D7B CE 2F 7D DEC $7D2F
$9D7E A2 00 LDX #00
$9D80 AD 9A 7B LDA $7B9A
$9D83 F0 59 BEQ L_BRS_($9DDE)_($9D83) OK
$9D85 C9 01 CMP #01
$9D87 D0 0D BNE L_BRS_($9D96)_($9D87) OK
$9D89 AD 2D 7D LDA $7D2D
$9D8C C9 03 CMP #03
$9D8E D0 03 BNE L_BRS_($9D93)_($9D8E) OK
$9D90 4C 33 AA JMP $AA33
//-----
L_BRS_($9D93)_($9D8E) OK
//-----
$9D93 4C 1E A0 JMP $A01E
//-----
L_BRS_($9D96)_($9D87) OK
//-----
$9D96 C9 02 CMP #02
$9D98 D0 03 BNE L_BRS_($9D9D)_($9D98) OK
//-----
L_JMP_($9D9A)_($9DDB) OK
//-----
$9D9A 4C 64 A1 JMP $A164
//-----
L_BRS_($9D9D)_($9D98) OK
//-----
$9D9D C9 03 CMP #03
$9D9F D0 03 BNE L_BRS_($9DA4)_($9D9F) OK
$9DA1 4C B3 A1 JMP $A1B3
```

```
//-----  
L_BRS_($9DA4)_($9D9F) OK  
  
//-----  
$9DA4 C9 04  CMP #$04  
$9DA6 D0 03  BNE L_BRS_($9DAB)_($9DA6) OK  
$9DA8 4C FB A2 JMP $A2FB  
  
//-----  
L_BRS_($9DAB)_($9DA6) OK  
  
//-----  
$9DAB C9 05  CMP #$05  
$9DAD D0 03  BNE L_BRS_($9DB2)_($9DAD) OK  
$9DAF 4C 0A A3 JMP $A30A  
  
//-----  
L_BRS_($9DB2)_($9DAD) OK  
  
//-----  
$9DB2 C9 06  CMP #$06  
$9DB4 D0 03  BNE L_BRS_($9DB9)_($9DB4) OK  
$9DB6 4C 42 A3 JMP $A342  
  
//-----  
L_BRS_($9DB9)_($9DB4) OK  
  
//-----  
$9DB9 C9 07  CMP #$07  
$9DBB D0 03  BNE L_BRS_($9DC0)_($9DBB) OK  
$9DBD 4C 63 A3 JMP $A363  
  
//-----  
L_BRS_($9DC0)_($9DBB) OK  
  
//-----  
$9DC0 C9 08  CMP #$08  
$9DC2 D0 03  BNE L_BRS_($9DC7)_($9DC2) OK
```

```

$9DC4 4C 6C 8F JMP L_JMP_($8F6C)_($9DC4) OK
//-----
L_BRS_($9DC7)_($9DC2) OK
//-----
$9DC7 C9 09 CMP #$09
$9DC9 D0 09 BNE L_BRS_($9DD4)_($9DC9) OK
$9DCB 4C D4 8F JMP L_JMP_($8FD4)_($9DCB) OK
//-----
L_BRS_($9DCE)_($9E0D) OK
//-----
$9DCE A9 01 LDA #$01
$9DD0 8D AF 7A STA $7AAF
$9DD3 60 RTS
//-----
L_BRS_($9DD4)_($9DC9) OK
//-----
$9DD4 C9 0A CMP #$0A
$9DD6 D0 06 BNE L_BRS_($9DDE)_($9DD6) OK
$9DD8 4C 5A 95 JMP L_JMP_($955A)_($9DD8) BAD
//-----
L_BRS_($9DDB)_($9E11) OK
//-----
$9DDB 4C 9A 9D JMP L_JMP_($9D9A)_($9DDB) OK
//-----
L_BRS_($9DDE)_($9D83) OK
L_BRS_($9DDE)_($9DD6) OK
//-----
$9DDE A9 0C LDA #$0C
$9DE0 A0 16 LDY #$16

```

```
$9DE2 20 70 A5 JSR $A570
$9DE5 C9 03  CMP #$03
$9DE7 F0 16  BEQ L_BRS_($9DFF)_($9DE7) OK
$9DE9 A9 04  LDA #$04
$9DEB A0 16  LDY #$16
$9DED 20 70 A5 JSR $A570
$9DF0 C9 03  CMP #$03
$9DF2 F0 0B  BEQ L_BRS_($9DFF)_($9DF2) OK
$9DF4 A9 14  LDA #$14
$9DF6 A0 16  LDY #$16
$9DF8 20 70 A5 JSR $A570
$9DFB C9 03  CMP #$03
$9DFD D0 05  BNE L_BRS_($9E04)_($9DFD) OK
//-----
L_BRS_($9DFF)_($9DE7) OK
L_BRS_($9DFF)_($9DF2) OK
//-----
$9DFF A9 02  LDA #$02
$9E01 20 6C 8A JSR L_JSR_($8A6C)_($9E01) OK
//-----
L_BRS_($9E04)_($9DFD) OK
//-----
$9E04 A9 0C  LDA #$0C
$9E06 A0 26  LDY #$26
$9E08 20 70 A5 JSR $A570
$9E0B C9 0C  CMP #$0C
$9E0D F0 BF  BEQ L_BRS_($9DCE)_($9E0D) OK
$9E0F C9 00  CMP #$00
$9E11 F0 C8  BEQ L_BRS_($9DDB)_($9E11) OK
```



```
$9E13 C9 03  CMP #$03
$9E15 D0 06  BNE L_BRS_($9E1D)_($9E15) OK
$9E17 20 CF A2 JSR $A2CF
$9E1A 4C 55 A5 JMP $A555
//-----
L_BRS_($9E1D)_($9E15) OK
//-----
$9E1D AD 3F 7A LDA $7A3F
$9E20 29 1F  AND #$1F
$9E22 D0 03  BNE L_BRS_($9E27)_($9E22) OK
$9E24 4C 86 A2 JMP $A286
//-----
L_BRS_($9E27)_($9E22) OK
//-----
$9E27 A9 31  LDA #$31
$9E29 8D AA 7B STA $7BAA
$9E2C AD 3F 7A LDA $7A3F
$9E2F 29 08  AND #$08
$9E31 F0 10  BEQ L_BRS_($9E43)_($9E31) OK
$9E33 AD 2D 7D LDA $7D2D
$9E36 C9 03  CMP #$03
$9E38 F0 03  BEQ L_BRS_($9E3D)_($9E38) OK
$9E3A 4C B6 9F JMP L_JMP_($9FB6)_($9E3A) OK
//-----
L_BRS_($9E3D)_($9E38) OK
//-----
$9E3D 4C 98 A9 JMP $A998
//-----
L_BRS_($9E40)_($9E4F) OK
```

```

//-----
$9E40 4C E2 A9 JMP $A9E2
//-----
L_BRS_($9E43)_($9E31) OK
//-----
$9E43 AD 3F 7A LDA $7A3F
$9E46 29 04 AND #$04
$9E48 F0 24 BEQ L_BRS_($9E6E)_($9E48) OK
$9E4A AD 2D 7D LDA $7D2D
$9E4D C9 03 CMP #$03
$9E4F F0 EF BEQ L_BRS_($9E40)_($9E4F) OK
$9E51 AD 7A 7B LDA $7B7A
$9E54 C9 0E CMP #$0E
$9E56 F0 16 BEQ L_BRS_($9E6E)_($9E56) OK
$9E58 A9 08 LDA #$08
$9E5A A0 26 LDY #$26
$9E5C 20 70 A5 JSR $A570
$9E5F C9 12 CMP #$12
$9E61 F0 08 BEQ L_BRS_($9E6B)_($9E61) OK
$9E63 A9 10 LDA #$10
$9E65 8D 7A 7B STA $7B7A
$9E68 4C 55 A5 JMP $A555
//-----
L_BRS_($9E6B)_($9E61) OK
//-----
$9E6B 4C CA A2 JMP $A2CA
//-----
L_BRS_($9E6E)_($9E48) OK
L_BRS_($9E6E)_($9E56) OK

```

```

//-----
$9E6E AD 3F 7A LDA $7A3F
$9E71 29 10 AND #$10
$9E73 F0 3C BEQ L_BRS_($9EB1)_($9E73) OK
$9E75 AD AD 7A LDA $7AAD
$9E78 D0 37 BNE L_BRS_($9EB1)_($9E78) OK
$9E7A EE AD 7A INC $7AAD
$9E7D AD 2D 7D LDA $7D2D
$9E80 C9 03 CMP #$03
$9E82 D0 03 BNE L_BRS_($9E87)_($9E82) OK
$9E84 4C 23 AA JMP $AA23
//-----
L_BRS_($9E87)_($9E82) OK
//-----
$9E87 A9 08 LDA #$08
$9E89 8D 9A 7B STA $7B9A
$9E8C A9 00 LDA #$00
$9E8E 8D AA 7B STA $7BAA
$9E91 AD 60 7A LDA $7A60
$9E94 F0 0D BEQ L_BRS_($9EA3)_($9E94) OK
$9E96 A9 09 LDA #$09
$9E98 8D 9A 7B STA $7B9A
$9E9B 20 1C 91 JSR L_JSR_($911C)_($9E9B) OK
$9E9E A9 14 LDA #$14
$9EA0 4C A8 9E JMP L_JMP_($9EA8)_($9EA0) OK
//-----
L_BRS_($9EA3)_($9E94) OK
//-----
$9EA3 20 99 8F JSR L_JSR_($8F99)_($9EA3) OK

```

```

$9EA6 A9 11 LDA #$11
//-----
L_JMP_($9EA8)_($9EA0) OK
//-----
$9EA8 8D 7A 7B STA $7B7A
$9EAB 4C 55 A5 JMP $A555
//-----
L_BRS_($9EAE)_($9EB6) OK
L_BRS_($9EAE)_($9EC2) OK
//-----
$9EAE 4C 35 9F JMP L_JMP_($9F35)_($9EAE) OK
//-----
L_BRS_($9EB1)_($9E73) OK
L_BRS_($9EB1)_($9E78) OK
//-----
$9EB1 AD 3F 7A LDA $7A3F
$9EB4 29 01 AND #$01
$9EB6 F0 F6 BEQ L_BRS_($9EAE)_($9EB6) OK
$9EB8 AD 7A 7B LDA $7B7A
$9EBB C9 0E CMP #$0E
$9EBD D0 05 BNE L_BRS_($9EC4)_($9EBD) OK
$9EBF AD DA 7B LDA $7BDA
$9EC2 D0 EA BNE L_BRS_($9EAE)_($9EC2) OK
//-----
L_BRS_($9EC4)_($9EBD) OK
//-----
$9EC4 A9 00 LDA #$00
$9EC6 8D DA 7B STA $7BDA
$9EC9 AD 2D 7D LDA $7D2D

```

```
$9ECC C9 03  CMP #$03
$9ECE D0 03  BNE L_BRS_($9ED3)_($9ECE) OK
$9ED0 4C F9 A8 JMP $A8F9
//-----
L_BRS_($9ED3)_($9ECE) OK
//-----
$9ED3 AD 55 AC  LDA $AC55
$9ED6 F0 11  BEQ L_BRS_($9EE9)_($9ED6) OK
$9ED8 AD E7 AB  LDA $ABE7
$9EDB 29 01  AND #$01
$9EDD F0 0A  BEQ L_BRS_($9EE9)_($9EDD) OK
$9EDF AD E6 AB  LDA $ABE6
$9EE2 C9 10  CMP #$10
$9EE4 90 03  BCC L_BRS_($9EE9)_($9EE4) OK
$9EE6 4C 35 9F JMP L_JMP_($9F35)_($9EE6) OK
//-----
L_BRS_($9EE9)_($9ED6) OK
L_BRS_($9EE9)_($9EDD) OK
L_BRS_($9EE9)_($9EE4) OK
//-----
$9EE9 AD 5A 7B  LDA $7B5A
$9EEC 29 07  AND #$07
$9EEE C9 01  CMP #$01
$9EF0 D0 24  BNE L_BRS_($9F16)_($9EF0) OK
$9EF2 A9 1C  LDA #$1C
$9EF4 A0 20  LDY #$20
$9EF6 20 70 A5 JSR $A570
$9EF9 C9 01  CMP #$01
$9EFB F0 38  BEQ L_BRS_($9F35)_($9EFB) OK
```

```
$9EFD A9 14 LDA #$14
$9EFF A0 26 LDY #$26
$9F01 20 70 A5 JSR $A570
$9F04 D0 10 BNE L_BRS_($9F16)_($9F04) OK
$9F06 A9 05 LDA #$05
$9F08 8D 9A 7B STA $7B9A
$9F0B A9 00 LDA #$00
$9F0D 8D AA 7B STA $7BAA
$9F10 4C 55 A5 JMP $A555
//-----
L_BRS_($9F13)_($9F3A) OK
L_BRS_($9F13)_($9F46) OK
//-----
$9F13 4C B3 9F JMP L_JMP_($9FB3)_($9F13) OK
//-----
L_BRS_($9F16)_($9EF0) OK
L_BRS_($9F16)_($9F04) OK
//-----
$9F16 A9 02 LDA #$02
$9F18 20 7B A3 JSR $A37B
$9F1B A9 10 LDA #$10
$9F1D 20 9B A8 JSR $A89B
$9F20 EE BA 7B INC $7BBA
$9F23 AD BA 7B LDA $7BBA
$9F26 29 01 AND #$01
$9F28 D0 0B BNE L_BRS_($9F35)_($9F28) OK
$9F2A EE 7A 7B INC $7B7A
$9F2D AD 7A 7B LDA $7B7A
$9F30 29 07 AND #$07
```

```
$9F32 8D 7A 7B STA $7B7A
//-----
L_JMP_($9F35)_($9EAE) OK
L_JMP_($9F35)_($9EE6) OK
L_BRS_($9F35)_($9EFB) OK
L_BRS_($9F35)_($9F28) OK
//-----
$9F35 AD 3F 7A LDA $7A3F
$9F38 29 02 AND #$02
$9F3A F0 D7 BEQ L_BRS_($9F13)_($9F3A) OK
$9F3C AD 7A 7B LDA $7B7A
$9F3F C9 0E CMP #$0E
$9F41 D0 05 BNE L_BRS_($9F48)_($9F41) OK
$9F43 AD DA 7B LDA $7BDA
$9F46 F0 CB BEQ L_BRS_($9F13)_($9F46) OK
//-----
L_BRS_($9F48)_($9F41) OK
//-----
$9F48 AD 55 AC LDA $AC55
$9F4B F0 0E BEQ L_BRS_($9F5B)_($9F4B) OK
$9F4D AD E7 AB LDA $ABE7
$9F50 29 01 AND #$01
$9F52 D0 07 BNE L_BRS_($9F5B)_($9F52) OK
$9F54 AD E6 AB LDA $ABE6
$9F57 C9 38 CMP #$38
$9F59 90 58 BCC L_BRS_($9FB3)_($9F59) OK
//-----
L_BRS_($9F5B)_($9F4B) OK
L_BRS_($9F5B)_($9F52) OK
```

```
//-----  
$9F5B A9 01 LDA #$01  
$9F5D 8D DA 7B STA $7BDA  
$9F60 AD 2D 7D LDA $7D2D  
$9F63 C9 03 CMP #$03  
$9F65 D0 03 BNE L_BRS_($9F6A)_($9F65) OK  
$9F67 4C 32 A9 JMP $A932  
//-----  
L_BRS_($9F6A)_($9F65) OK  
//-----  
$9F6A AD 5A 7B LDA $7B5A  
$9F6D 29 07 AND #$07  
$9F6F C9 01 CMP #$01  
$9F71 D0 21 BNE L_BRS_($9F94)_($9F71) OK  
$9F73 A9 04 LDA #$04  
$9F75 A0 20 LDY #$20  
$9F77 20 70 A5 JSR $A570  
$9F7A C9 01 CMP #$01  
$9F7C F0 35 BEQ L_BRS_($9FB3)_($9F7C) OK  
$9F7E A9 04 LDA #$04  
$9F80 A0 26 LDY #$26  
$9F82 20 70 A5 JSR $A570  
$9F85 D0 0D BNE L_BRS_($9F94)_($9F85) OK  
$9F87 A9 06 LDA #$06  
$9F89 8D 9A 7B STA $7B9A  
$9F8C A9 00 LDA #$00  
$9F8E 8D AA 7B STA $7BAA  
$9F91 20 55 A5 JSR $A555  
//-----
```



```
L_BRS_($9F94)_($9F71) OK
L_BRS_($9F94)_($9F85) OK
//-----
$9F94 A9 02 LDA #$02
$9F96 20 FD A3 JSR $A3FD
$9F99 A9 10 LDA #$10
$9F9B 20 9B A8 JSR $A89B
$9F9E EE BA 7B INC $7BBA
$9FA1 AD BA 7B LDA $7BBA
$9FA4 29 01 AND #$01
$9FA6 D0 0B BNE L_BRS_($9FB3)_($9FA6) OK
$9FA8 EE 7A 7B INC $7B7A
$9FAB AD 7A 7B LDA $7B7A
$9FAE 29 07 AND #$07
$9FB0 8D 7A 7B STA $7B7A
//-----
L_JMP_($9FB3)_($9F13) OK
L_BRS_($9FB3)_($9F59) OK
L_BRS_($9FB3)_($9F7C) OK
L_BRS_($9FB3)_($9FA6) OK
//-----
$9FB3 4C 55 A5 JMP $A555
//-----
L_JMP_($9FB6)_($9E3A) OK
//-----
$9FB6 AD 55 AC LDA $AC55
$9FB9 F0 53 BEQ $A00E
$9FBB AD E7 AB LDA $ABE7
$9FBE 29 01 AND #$01
```

```
$9FC0 0A    ASL A
$9FC1 0A    ASL A
$9FC2 0A    ASL A
$9FC3 0A    ASL A
$9FC4 0A    ASL A
$9FC5 8D D3 9F STA $9FD3
$9FC8 AD E6 AB LDA $ABE6
$9FCB 38    SEC
$9FCC E9 10  SBC #$10
$9FCE 4A    LSR A
$9FCF 4A    LSR A
$9FD0 4A    LSR A
$9FD1 18    CLC
$9FD2 69 00  ADC #$00
$9FD4 8D E9 9F STA $9FE9
$9FD7 A9 FF  LDA #$FF
$9FD9 8D F1 9F STA $9FF1
$9FDC A0 28  LDY #$28
//-----
L_JMP_($9FDE)_($9FED) OK
//-----
$9FDE B9 18 05 LDA $0518,Y
$9FE1 C9 E0  CMP #$E0
$9FE3 D0 03  BNE L_BRS_($9FE8)_($9FE3) OK
$9FE5 EE F1 9F INC $9FF1
//-----
L_BRS_($9FE8)_($9FE3) OK
//-----
$9FE8 C0 00  CPY #$00
```

```
$9FEA F0 04  BEQ L_BRS_($9FF0)_($9FEA) OK
$9FEC 88     DEY
$9FED 4C DE 9F JMP L_JMP_($9FDE)_($9FED) OK
//-----
L_BRS_($9FF0)_($9FEA) OK
//-----
$9FF0 A9 00  LDA #$00
$9FF2 CD EE AF CMP $AFEE
$9FF5 F0 11  BEQ $A008
$9FF7 A9 00  LDA #$00
$9FF9 8D F2 67 STA $67F2
$9FFC 8D F3 67 STA $67F3
$9FFF 8D 88 68 STA $6888
```