KOKOLE

"KOKOLE"


```
SCR #40
  0 ( SYNTHESIS.S TO FORTH 7/17/85 )
  1 HEX
  2
  3 5 CONSTANT SSLOT ( APPLE SLOT )
  4 C080 SSLOT 10 * + CONSTANT CONTROL
  5 C080 SSLOT 10 * + CONSTANT STATUS
  6 C081 SSLOT 10 * + CONSTANT PAR
  7 C082 SSLOT 10 * + CONSTANT DATAI
  8 0C CONSTANT T1ADR
  9 0E CONSTANT SRADR
 10 11 CONSTANT SR
 11 0 CONSTANT K1ADR
 12 0D CONSTANT  SLOTS
 13 3FE CONSTANT INTVCT
 14 50 CONSTANT BUFPTR ( ZP PTR TO DATA )
 15 52 CONSTANT FRCTR ( INSTEAD OF X REG )
 16 VARIABLE NT1S ( REPEAT COUNTER )
 17 VARIABLE RC   ( REPEAT COUNT )
 18 VARIABLE NSLOTS ( SLOTS COUNTER )
 19 VARIABLE DONE ( FLAG 1= WORD OVER )
 20 VARIABLE DATA ( HI LEVEL PTR )
 21
 22 -->
 23

SCR #41
  0 ( CONTINU 1 )
  1 HEX
  2
  3 CODE INCP     ( INCREMENT ZP POINTER )
  4 BUFPTR INC,
  5  0= IF,
  6  BUFPTR 1+ INC, THEN,
  7 RTS,
  8 END-CODE
  9
 10
 11 ( 1= FETCH FROM V-XX          )
 12 VARIABLE XFLAG VARIABLE V-EX ( EXTYP )
 13 VARIABLE NFLAG VARIABLE V-EN ( ENRGY )
 14 VARIABLE PFLAG VARIABLE V-PT ( PITCH )
 15 VARIABLE RFLAG VARIABLE V-RP ( REPEAT)
 16 VARIABLE NOTE ( FOR MIDI )
 17 VARIABLE CHAN (    "      )
 18
 19 -->
 20
 21
 22
 23
```

SLOT

5 SP1000

4 MIDI INT CARD + GUITAR SCAN

? ACCELERATOR BD.

```
SCR #42
  0 ( CONTINU 2 )
  1 HEX
  2
  3 CODE WFRM  ( WRITE A FRAME TO SP1000 )
  4 SLOTS # LDA, NSLOTS STA,
  5 K1ADR # LDA, PAR STA,  0 # LDY, ( !!! )
  6 BEGIN,
  7   BEGIN, STATUS LDA, 0< NOT UNTIL,
  8  BUFPTR )Y LDA, DATAI STA,
  9  ' INCP JSR,
 10  NSLOTS DEC,
 11  NSLOTS LDA, 3 # CMP,
 12  0= UNTIL,
 13
 14 ( THIS LOADS IN K10-K1 )
 15 ( NOW PROCEED WITH EXCEPTIONS )
 16
 17
 18 -->
 19
 20
 21
 22
 23

SCR #43
  0 BEGIN, STATUS LDA, 0< NOT UNTIL,
  1 XFLAG LDA, 0= IF, BUFPTR )Y LDA,
  2  DATAI STA, ELSE, V-EX LDA, DATAI STA,
  3 THEN, ' INCP JSR, NSLOTS DEC,
  4
  5 BEGIN, STATUS LDA, 0< NOT UNTIL,
  6 NFLAG LDA, 0= IF, BUFPTR )Y LDA,
  7  DATAI STA, ELSE, V-EN LDA, DATAI STA,
  8 THEN, ' INCP JSR, NSLOTS DEC,
  9
 10 BEGIN, STATUS LDA, 0< NOT UNTIL,
 11 PFLAG LDA, 0= IF, BUFPTR )Y LDA,
 12  DATAI STA, NOTE STA, ELSE,
 13  V-PT LDA, DATAI STA, NOTE STA,
 14 THEN, ' INCP JSR, NSLOTS DEC,
 15
 16 RFLAG LDA, 0= IF, BUFPTR )Y LDA,
 17  RC STA,    ELSE, V-RP LDA, RC STA,
 18 THEN, ' INCP JSR,
 19 FRCTR DEC,
 20 0= IF,
 21  1 # LDA, DONE STA, THEN,
 22 RTS, END-CODE -->
 23
```

```
SCR #44
  0 ( CONTINU 3 )
  1 HEX
  2 CODE ISR
  3                       TYA, PHA, TXA, PHA,
  4 NT1S INC,
  5 STATUS LDA, RC LDA, NT1S CMP,
  6 0= IF,
  7  0 # LDA, NT1S STA,
  8  ' WFRM JSR,
  9 THEN,
 10 PLA, TAX, PLA, TAY,
 11 45 LDA,       RTI,
 12 END-CODE
 13
 14 CODE ENABLE CLI, NEXT JMP, END-CODE
 15 CODE DISABLE SEI, NEXT JMP, END-CODE
 16
 17
 18
 19
 20 -->
 21
 22
 23

SCR #45
  0 ( CONTINU 4 )
  1 HEX
  2 CODE SYNTH  ( START SPEAKING )
  3 DATA LDA, BUFPTR STA,
  4 DATA 1+ LDA, BUFPTR 1+ STA,
  5 0 # LDA, NT1S STA, RC STA, DONE STA,
  6 44 # LDA, CONTROL STA,
  7 T1ADR # LDA, PAR STA,
  8 FF # LDA, DATAI STA,
  9 BEGIN, STATUS LDA,
 10  0< NOT UNTIL,
 11 SRADR # LDA, PAR STA,
 12 SR # LDA, DATAI STA,
 13 BEGIN, STATUS LDA,
 14  0< NOT UNTIL,
 15 0 # LDY, BUFPTR )Y LDA, FRCTR STA,
 16 ' INCP JSR,
 17 ' WFRM JSR,  CLI,
 18 64 # LDA, CONTROL STA,
 19 NEXT JMP, END-CODE
 20 -->
 21
 22
 23
```

```
SCR #46
  0 ( ALLTOGETHER = SYN )
  1 HEX
  2 VARIABLE WALLER 0 WALLER !
  3 : CLRFLGS 0 0 0 0 XFLAG ! NFLAG !
  4   PFLAG ! RFLAG ! ;
  5
  6 : MSDONE 5 0 DO LOOP DONE @ 1 = ;
  7
  8
  9 CLRFLGS  ( MAKE SURE TO START WITH )
 10
 11   : SYN
 12   DATA   !
 13   ' ISR INTVCT !
 14        SYNTH
 15   BEGIN ( NOTE C@ MD>SP + C@
 16    ON  40 MS ) DONE @ 0= NOT UNTIL
 17    DISABLE   ;
 18
 19 -->
 20
 21
 22
 23

SCR #47
  0 ( FILL LPC PARAM SLOT WITH A VALUE )
  1 ( FOR GI FORMAT )
  2
  3 DECIMAL
  4
  5 13 CONSTANT RP
  6 12 CONSTANT PT
  7 11 CONSTANT EN
  8 10 CONSTANT EX
  9 VARIABLE ADDR
 10 VARIABLE VAL
 11 VARIABLE PARAM
 12
 13 : LPCFILL ( PARAM# VAL ADDR --- )
 14   ADDR ! VAL ! PARAM !
 15   ADDR @ C@ 0 DO
 16    VAL C@ ADDR @
 17    I 14 * + PARAM @ +
 18    1+ C!
 19   LOOP I ;
 20
 21 -->
 22
 23
```

```
SCR #48
  0 ( COMPILE PITCH-CURVE FILE INTO DICT )
  1 ( ASSUMES GI FORMAT LPC FILE AT $9000 )
  2
  3 HEX  VARIABLE XXX
  4
  5 ( USAGE: <SCR#> CURV-FILE! <NAME> --- )
  6
  7 : CURV-FILE!
  8   CREATE ( NAME )  BLOCK XXX !
  9   XXX @ C@ DUP C, ( NUM OF FRMS )
 10   0 DO
 11    XXX @ I 0E * + PT + 1+ C@ C,
 12   LOOP ;
 13
 14 : CURV-SEE ( ' NAME --- )
 15   DUP C@ 0 DO DUP I + C@ . LOOP DROP ;
 16
 17
 18
 19  -->
 20
 21
 22
 23

SCR #49
  0 ( COMPILE LPC RECORD AT $9000 TO DICT )
  1 ( ASSUMES GI FORMAT LPC FILE AT $9000 )
  2
  3 HEX
  4
  5 ( USAGE: <SCR#> LPC-FILE! <NAME> )
  6
  7 : LPC-FILE!
  8   CREATE ( NAME )  BLOCK XXX !
  9   XXX @ C@ DUP C, ( NUM OF FRMS )
 10   0E * 0 DO
 11    XXX @ I + 1+ C@ C,
 12   LOOP ;
 13
 14
 15
 16
 17  -->
 18
 19
 20
 21
 22
 23
```

```
SCR #50
  0
  1
  2
  3
  4
  5
  6
  7
  8
  9 -->
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23

SCR #51
  0                    -->
  1
  2
  3
  4
  5
  6
  7
  8
  9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
```

```
SCR #52
  0 ( MIDI SCREENS 6/29/85 )
  1 HEX
  2
  3 : MS 0 DO
  4   DONE @ 0= NOT IF DISABLE THEN
  5   LOOP ;
  6 4 CONSTANT SLOT
  7 SLOT 8 + 10 *  C000 + CONSTANT CREG
  8 ( CONTROL REGISTER )
  9 CREG 1+ CONSTANT TREG
 10 ( TRANSMIT/RECEIVE REGISTER )
 11
 12 : MIDI-INIT
 13   3 CREG C! 0 CREG C! 12 CREG C! ;
 14
 15 CODE POL
 16 BEGIN, CREG LDA, 2 # AND,
 17 0= NOT UNTIL, RTS, END-CODE
 18
 19 CODE POLL ' POL JSR, NEXT JMP, END-CODE
 20
 21
 22
 23 -->

SCR #53
  0 ( MORE MIDI )
  1 HEX
  2
  3 : SEL 8 + ;
  4 : INT 20 + ;
  5
  6 : V1 C0 TREG C! POLL 1- TREG C! POLL ;
  7 : V2 C1 TREG C! POLL 1- TREG C! POLL ;
  8 : V3 C2 TREG C! POLL 1- TREG C! POLL ;
  9 : V4 C3 TREG C! POLL 1- TREG C! POLL ;
 10
 11 -->
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
```

```
SCR #54
  0 ( NEW MIDI )
  1 HEX
  2 CODE ONN ( FOR ASSEMBLER USE )
  3 CHAN LDA, 90 # ORA, TREG STA,
  4 ' POL JSR,
  5 NOTE LDA, 7F # AND, TREG STA,
  6 ' POL JSR,
  7 40 # LDA, TREG STA,
  8 ' POL JSR,
  9 RTS, END-CODE
 10
 11   CODE ON2 ( PARAMS FROM NOTE, CHAN )
 12   ' ONN JSR, NEXT JMP, END-CODE
 13
 14 : ON ( NOTE CHAN --- )
 15   90 OR TREG C! POLL
 16   7F AND TREG C! POLL
 17   40 TREG C! POLL ;
 18
 19 : OFF ( NOTE CHAN --- )
 20   80 OR TREG C! POLL
 21   7F AND TREG C! POLL
 22   00 TREG C! POLL ;
 23 -->

SCR #55
  0 ( NEW MIDI )
  1 HEX
  2
  3 : ALLOFF ( SETS MONO MODE )
  4   B0 TREG C! POLL
  5   7F TREG C! POLL
  6   00 TREG C! POLL
  7   B0 TREG C! POLL
  8   7E TREG C! POLL
  9   0 TREG C! ;
 10
 11 -->
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
```

```
SCR #56
  0 ( TABLE MIDI TO SPEECH PITCHES )
  1 ( MIDI PITCHES 36-96 )  DECIMAL
  2 CREATE MD>SP
  3 240 C, 228 C, 214 C, 200 C, 190 C,
  4 178 C, 170 C, 160 C, 150 C, 144 C,
  5 134 C, 126 C, 120 C, 114 C, 107 C,
  6 100 C, 95 C, 89 C, 85 C, 80 C, 75 C,
  7 72 C, 67 C, 63 C, 60 C, 57 C, 53 C,
  8 50 C, 47 C, 44 C, 42 C, 40 C, 38 C,
  9 35 C, 33 C, 31 C, 29 C, 28 C, 26 C,
 10 25 C, 24 C, 23 C, 22 C, 21 C, 20 C,
 11 19 C, 17 C, 16 C, 15 C, 14 C, 13 C,
 12 12 C, 12 C, 11 C, 11 C, 10 C, 10 C,
 13 9 C, 9 C, 8 C, 8 C, 7 C, 7 C,
 14
 15
 16
 17 -->
 18
 19
 20
 21
 22
 23

SCR #57
  0 ( SP1000 PITCHES TO MIDI PITCH TAB )
  1 DECIMAL CREATE SP>MD
  2       96 C, 96 C, 96 C, 96 C, 96 C,
  3 96 C, 96 C, 96 C, 94 C, 92 C, 91 C,
  4 89 C, 87 C, 85 C, 84 C, 83 C, 82 C,
  5 81 C, 80 C, 79 C, 78 C, 77 C, 76 C,
  6 75 C, 74 C, 73 C, 72 C, 72 C, 71 C,
  7 71 C, 70 C, 70 C, 69 C, 69 C, 68 C,
  8 68 C, 68 C, 67 C, 67 C, 66 C, 66 C,
  9 65 C, 65 C, 64 C, 64 C, 64 C, 63 C,
 10 63 C, 63 C, 62 C, 62 C, 62 C, 61 C,
 11 61 C, 61 C, 60 C, 60 C, 60 C, 60 C,
 12 59 C, 59 C, 59 C, 59 C, 58 C, 58 C,
 13 58 C, 58 C, 57 C, 57 C, 57 C, 57 C,
 14 56 C, 56 C, 56 C, 56 C, 55 C, 55 C,
 15 55 C, 55 C, 55 C, 54 C, 54 C, 54 C,
 16 54 C, 54 C, 53 C, 53 C, 53 C, 53 C,
 17 53 C, 53 C, 52 C, 52 C, 52 C, 52 C,
 18 51 C, 51 C, 51 C, 51 C, 51 C, 50 C,
 19 50 C, 50 C, 50 C, 50 C, 50 C, 50 C,
 20 49 C, 49 C, 49 C, 49 C, 49 C, 49 C,
 21 48 C, 48 C, 48 C, 48 C, 48 C, 48 C,
 22 48 C,
 23 -->
```

```
SCR #58
  0 ( CONTINUED )
  1 47 C, 47 C, 47 C, 47 C, 47 C, 47 C,
  2 47 C, 46 C, 46 C, 46 C, 46 C, 46 C,
  3 46 C, 46 C, 46 C, 46 C, 46 C, 45 C,
  4 45 C, 45 C, 45 C, 45 C, 45 C, 45 C,
  5 45 C, 44 C, 44 C, 44 C, 44 C, 44 C,
  6 44 C, 44 C, 44 C, 43 C, 43 C, 43 C,
  7 43 C, 43 C, 43 C, 43 C, 43 C, 43 C,
  8 43 C, 42 C, 42 C, 42 C, 42 C, 42 C,
  9 42 C, 42 C, 42 C, 42 C, 41 C, 41 C,
 10 41 C, 41 C, 41 C, 41 C, 41 C, 41 C,
 11 41 C, 41 C, 41 C, 40 C, 40 C, 40 C,
 12 40 C, 40 C, 40 C, 40 C, 40 C, 40 C,
 13 40 C, 39 C, 39 C, 39 C, 39 C, 39 C,
 14 39 C, 39 C, 39 C, 39 C, 39 C, 39 C,
 15 39 C, 39 C, 38 C, 38 C, 38 C, 38 C,
 16 38 C, 38 C, 38 C, 38 C, 38 C, 38 C,
 17 38 C, 38 C, 38 C, 38 C, 37 C, 37 C,
 18 37 C, 37 C, 37 C, 37 C, 37 C, 37 C,
 19 37 C, 37 C, 37 C, 37 C, 37 C, 37 C,
 20 37 C, 37 C, 36 C, 36 C, 36 C, 36 C,
 21 36 C, 36 C, 36 C, 36 C, 36 C, 36 C,
 22 36 C, 36 C, 36 C, 36 C, 36 C, 36 C,
 23 36 C, 36 C, 36 C, 36 C, 36 C,    -->

SCR #59
  0 -->
  1
  2
  3
  4
  5
  6
  7
  8
  9
 10
 11
 12
 13
 14
 15
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 21
 22
 23
```

```
SCR #60
  0 ( NEW GUIT SCANNING PROGRAM CONSTANTS)
  1 HEX
  2
  3 0400 CONSTANT GSLOT ( SLOT * 100 )
  4
  5 C000 GSLOT + CONSTANT GPORTD
  6 C001 GSLOT + CONSTANT GPORTC
  7 C002 GSLOT + CONSTANT GDDRD
  8 C003 GSLOT + CONSTANT GDDRC
  9
 10 C00D GSLOT + CONSTANT GIFR2
 11 C00C GSLOT + CONSTANT GPCR2
 12
 13
 14
 15 -->
 16
 17
 18
 19
 20
 21
 22
 23

SCR #61
  0 ( BIG SCAN ...)
  1 HEX
  2 VARIABLE SCAN1 20 ALLOT
  3 VARIABLE SCAN1' 20 ALLOT
  4 VARIABLE GUIT1 VARIABLE GUIT1A
  5 VARIABLE G1 VARIABLE G1' VARIABLE G1''
  6 VARIABLE G1A VARIABLE G1A'
  7 VARIABLE G1A''
  8
  9
 10 ( VALUE CHANGED TO ACCOMODATE TITAN
 11   ACCELERATOR 10/85 )
 12 CODE KILLTIME
 13 60 # LDY,
 14 BEGIN, DEY, 0= UNTIL,
 15 NEXT JMP, END-CODE
 16
 17
 18
 19 : RST FF GPORTC C! KILLTIME
 20       00 GPORTC C! KILLTIME ;
 21
 22 -->
 23
```

```
SCR #62
  0 ( NEW GUIT SCAN, TITAN ACC 10/85    )
  1
  2 CODE SCANALL XSAVE STX, 0 # LDY,
  3 GPORTC INC, GPORTC INC,
  4 GPORTC INC, GPORTC INC,
  5 10 # LDX, BEGIN, DEX, 0= UNTIL,
  6 BEGIN,
  7  NOP, NOP,  INY,
  8  SCAN1 ,Y LDA, SCAN1' ,Y STA,
  9  GIFR2 LDA, 2 # AND, 0= NOT IF,
 10  FF # LDA, ELSE, 0 # LDA, THEN,
 11  SCAN1 ,Y STA,
 12
 13
 14 GPORTC INC, GPORTC INC, GPORTD LDA,
 15  10 # LDX, BEGIN, DEX, 0= UNTIL,
 16 21 # CPY, 0= UNTIL,
 17 -->
 18
 19
 20
 21
 22
 23

SCR #63
  0 ( NEW GUITAR SCAN CONTINUED )
  1
  2
  3
  4 G1A' LDA, G1A'' STA,
  5 G1A LDA, G1A' STA,
  6 0 # LDA, GUIT1A STA,
  7 8 # LDY,
  8 BEGIN,
  9 SCAN1  ,Y LDA,
 10 0= NOT IF,
 11 GUIT1A STY,
 12 THEN,
 13 DEY, 0= UNTIL,
 14 GUIT1A LDA, G1A STA,
 15
 16
 17
 18
 19
 20
 21
 22
 23 -->
```

```
SCR #64
  0 ( NEW GUITAR SCAN CONTINUED )
  1 G1' LDA, G1'' STA,
  2 G1 LDA, G1' STA,
  3 0 # LDA, GUIT1  STA,
  4 20 # LDY,
  5 BEGIN,
  6 SCAN1  ,Y LDA,
  7 0= NOT IF,
  8 GUIT1  STY,
  9 THEN,
 10 DEY, 8 # CPY,
 11 0= UNTIL,
 12 GUIT1 LDA, G1 STA,
 13
 14 XSAVE LDX, NEXT JMP, END-CODE
 15
 16
 17
 18 -->
 19
 20
 21
 22
 23

SCR #65
  0  ( GUITINIT GUITTEST )
  1 HEX
  2 : GUITINIT
  3   FF GDDRC C!
  4   FF GDDRD C!
  5   55 GPCR2 C! ;
  6
  7 : GUITTEST
  8   GUITINIT
  9   BEGIN
 10    SCANALL
 11    GUIT1 @ . GUIT1A @ . SPACE
 12    CR
 13    RST
 14   ?TERMINAL UNTIL ;
 15
 16
 17
 18 -->
 19
 20
 21
 22
 23
```

```
SCR #66
  0 -->
  1
  2
  3
  4
  5
  6
  7
  8
  9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23

SCR #67
  0 ( SP1000 PITCHES TO MIDI PITCH TAB )
  1 DECIMAL CREATE SP>MD2
  2        96 C, 96 C, 96 C, 96 C, 96 C,
  3 96 C, 96 C, 96 C, 94 C, 92 C, 90 C,
  4 88 C, 86 C, 86 C, 84 C, 84 C, 82 C,
  5 82 C, 80 C, 80 C, 78 C, 78 C, 76 C,
  6 76 C, 74 C, 74 C, 72 C, 72 C, 72 C,
  7 72 C, 70 C, 70 C, 70 C, 70 C, 68 C,
  8 68 C, 68 C, 68 C, 66 C, 66 C, 66 C,
  9 66 C, 66 C, 64 C, 64 C, 64 C, 64 C,
 10 64 C, 62 C, 62 C, 62 C, 62 C, 62 C,
 11 62 C, 60 C, 60 C, 60 C, 60 C, 60 C,
 12 60 C, 60 C, 58 C, 58 C, 58 C, 58 C,
 13 58 C, 58 C, 58 C, 58 C, 58 C, 58 C,
 14 56 C, 56 C, 56 C, 56 C, 56 C, 56 C,
 15 56 C, 54 C, 54 C, 54 C, 54 C, 54 C,
 16 54 C, 54 C, 54 C, 54 C, 54 C, 52 C,
 17 52 C, 52 C, 52 C, 52 C, 52 C, 52 C,
 18 52 C, 52 C, 52 C, 50 C, 50 C, 50 C,
 19 50 C, 50 C, 50 C, 50 C, 50 C, 50 C,
 20 50 C, 50 C, 50 C, 50 C, 48 C, 48 C,
 21 48 C, 48 C, 48 C, 48 C, 48 C, 48 C,
 22 48 C,
 23 -->
```

```
SCR #68
  0 ( CONTINUED )
  1 48 C, 48 C, 48 C, 48 C, 46 C, 46 C,
  2 46 C, 46 C, 46 C, 46 C, 46 C, 46 C,
  3 46 C, 46 C, 46 C, 46 C, 46 C, 46 C,
  4 46 C, 46 C, 46 C, 46 C, 44 C, 44 C,
  5 44 C, 44 C, 44 C, 44 C, 44 C, 44 C,
  6 44 C, 44 C, 44 C, 44 C, 44 C, 44 C,
  7 44 C, 42 C, 42 C, 42 C, 42 C, 42 C,
  8 42 C, 42 C, 42 C, 42 C, 42 C, 42 C,
  9 42 C, 42 C, 42 C, 42 C, 42 C, 42 C,
 10 42 C, 42 C, 42 C, 42 C, 42 C, 40 C,
 11 40 C, 40 C, 40 C, 40 C, 40 C, 40 C,
 12 40 C, 40 C, 40 C, 40 C, 40 C, 40 C,
 13 40 C, 40 C, 40 C, 40 C, 40 C, 40 C,
 14 40 C, 40 C, 40 C, 40 C, 38 C, 38 C,
 15 38 C, 38 C, 38 C, 38 C, 38 C, 38 C,
 16 38 C, 38 C, 38 C, 38 C, 38 C, 38 C,
 17 38 C, 38 C, 38 C, 38 C, 38 C, 38 C,
 18 38 C, 38 C, 38 C, 38 C, 38 C, 36 C,
 19 36 C, 36 C, 36 C, 36 C, 36 C, 36 C,
 20 36 C, 36 C, 36 C, 36 C, 36 C, 36 C,
 21 36 C, 36 C, 36 C, 36 C, 36 C, 36 C,
 22 36 C, 36 C, 36 C, 36 C, 36 C, 36 C,
 23 36 C, 36 C, 36 C, 36 C, 36 C,    -->

SCR #69
  0 ( CONTINU 2 )
  1 HEX
  2
  3 CREATE QUIET 00 C, 00 C, 00 C, 00 C,
  4 00 C, 00 C, 00 C, 00 C, 00 C, 00 C,
  5 35 C, 00 C, FF C, 00 C,
  6 VARIABLE QHOLD
  7 ' QUIET QHOLD !
  8
  9 CODE BFRM  SEI, ( QUIET TO SP1000 )
 10   QHOLD   LDA, BUFPTR STA,
 11   QHOLD 1+   LDA, BUFPTR 1+ STA,
 12 SLOTS # LDA, NSLOTS  STA,
 13 K1ADR # LDA, PAR  STA,  0 # LDY,
 14  BEGIN,
 15   BEGIN, STATUS LDA, 0< NOT UNTIL,
 16  BUFPTR )Y LDA, DATAI STA,
 17  ' INCP JSR,
 18  NSLOTS DEC,
 19  0= UNTIL,
 20 NEXT JMP, END-CODE
 21
 22
 23
```

```
SCR #70
  0 ( TESTS )
  1 DECIMAL
  2 VARIABLE WAITCTR ( TIME BETWEEN NOTES)
  3 VARIABLE BREATH ( BETWEEN PHRASES )
  4 CREATE NOTLST 60 C, 58 C, 55 C, 65 C,
  5 64 C, 60 C, 58 C, 60 C,
  6 VARIABLE NEWKI ( A NEW KEY ON GUIT )
  7 : T1 MIDI-INIT 299 WAITCTR !
  8   SYNTH
  9   BEGIN
 10    WAITCTR @ 1- DUP WAITCTR !
 11    0= IF 299 WAITCTR !
 12    8 RANDOM NOTLST + C@ GUIT1A C@
 13  1 = IF 12 + THEN        0 ON  THEN
 14    DONE @ 0= NOT UNTIL
 15   DISABLE  ;
 16
 17 : TT 500 BREATH ! 69 V1
 18   2 RANDOM 2* PHRLST + @ DATA !
 19   T1  BREATH @ MS
 20          ;
 21
 22
 23 -->

SCR #71
  0 ( TESTS )
  1 DECIMAL
  2 CREATE MALST
  3 ' MA1 , ' MA2 , ' MA3 , ' MA4 ,
  4 ' LA1 , ' LA2 , ' LA3 , ' LE1 ,
  5 CREATE KOLST
  6 ' KO1 , ' KO2 , ' LE1 , ' LE1 ,
  7 ' PO1 , ' PO2 , ' ME1 , ' ME1 ,
  8 CREATE LALST
  9 ' LA1 , ' LA2 , ' LA3 , ' LA2 ,
 10
 11 : TT2  65 V1 200 BREATH !
 12   8 RANDOM 2* MALST + @ DATA !
 13   T1
 14  10 RANDOM 0= NOT IF 10 ELSE BREATH @
 15 THEN   MS
 16  DISABLE    ;
 17 : TT3 70 V1  300 BREATH !
 18 8 RANDOM 0 DO I 2* KOLST + @
 19   DATA ! T1 LOOP BREATH @ MS
 20   DISABLE ;                  -->
 21
 22
 23
```

```
SCR #72
  0 ( MORE TESTS )
  1 DECIMAL
  2 CREATE KKL
  3 KO1 , KO2 , LE1 ,
  4 CREATE PPM
  5 PO1 , PO2 , ME1 ,
  6 CREATE KKM
  7 KO1 , KO2 , ME1 ,
  8 CREATE PPL
  9 PO1 , PO2 , LE1 ,
 10
 11 CREATE PKLST
 12 KKL , PPM , KKM , PPL ,
 13
 14 VARIABLE PTR
 15
 16 : TT4
 17    4 RANDOM 2* PKLST + @ PTR !
 18    3 0 DO PTR @ I 2* + @ DATA !
 19     T1 LOOP BREATH @ MS
 20      ;
 21
 22
 23 -->

SCR #73
  0 ( MORE TESTS )
  1 DECIMAL
  2 : TT5  700 BREATH ! 65 V1
  3   MI1 DATA !
  4   T1 BREATH @ MS
  5   MI2 DATA ! T1 BREATH @ MS
  6    ;
  7
  8 : TT6 400 BREATH ! 3 V1
  9
 10   MY1  DATA ! T1
 11   DY1  DATA ! T1
 12   MA4  DATA ! T1 BREATH @ MS
 13   ;
 14
 15 VARIABLE TIMZ  ( TIMES THRU )
 16
 17
 18
 19
 20
 21
 22
 23 -->
```

```
SCR #74
  0 ( TESTS    )
  1 DECIMAL
  2 CREATE HARM1
  3 41 C, 44 C, 48 C, 51 C, 53 C,
  4 51 C, 48 C, 44 C,
  5 CREATE HARM2
  6 43 C, 46 C, 50 C, 55 C, 55 C,
  7 50 C, 46 C, 46 C,
  8 VARIABLE TEMPO 900 TEMPO !
  9 : TH1 69 V1 900 TEMPO !
 10   NEWKI @ 0= NOT IF 8 TIMZ !
 11    AIEE1 DATA ! SYNTH THEN
 12 TIMZ @ 0 DO HARM1 I + C@ 0 ON
 13 TEMPO @ MS LOOP GUIT1A C@ 1 = IF
 14   4 ELSE 8 THEN TIMZ !
 15    NEWKI @ 0= NOT IF
 16     EEAH1 DATA ! SYNTH  THEN
 17    8 0 DO HARM2 I + C@ 0 ON
 18     TEMPO @ MS LOOP
 19    BFRM    ;
 20 -->
 21
 22
 23

SCR #75
  0 ( TESTS )
  1 DECIMAL
  2
  3 CREATE HARM3
  4 55 C, 58 C, 60 C, 64 C, 65 C,
  5 64 C, 60 C, 58 C,
  6 CREATE HARM4
  7 54 C, 63 C, 58 C, 60 C, 63 C,
  8 63 C, 58 C, 60 C,
  9
 10 : TH2  70 V1 1000 TEMPO !
 11   NEWKI @ 0= NOT IF
 12   KOKO1   DATA ! SYNTH THEN
 13   8 0 DO HARM3 I + C@ 0 ON
 14   TEMPO @ MS LOOP
 15   POPO1    DATA ! SYNTH
 16   8 0 DO HARM4 I + C@ 0 ON
 17   TEMPO @ MS LOOP
 18   DISABLE BFRM     ;
 19 -->
 20
 21
 22
 23
```

```
SCR #76
  0 ( TESTS )
  1 DECIMAL
  2 CREATE HARM5
  3 54 C, 56 C, 56 C, 54 C, 56 C,
  4 56 C, 54 C, 56 C,
  5 CREATE HARM6
  6 58 C, 58 C, 60 C, 60 C, 58 C,
  7 58 C, 60 C, 60 C,
  8
  9 : TH3 1 PFLAG C! 700 TEMPO !
 10
 11 NEWKI @ 0= NOT IF
 12   LA2    DATA ! SYNTH THEN
 13    8 0 DO HARM5 I + C@ DUP 0 ON
 14     20 - MD>SP + C@ V-PT C!
 15     TEMPO @ MS LOOP
 16 NEWKI @ 0= NOT IF
 17   MY1    DATA ! SYNTH THEN
 18    8 0 DO HARM6 I + C@ DUP 0 ON
 19     22 - MD>SP + C@ V-PT C!
 20     TEMPO @ MS LOOP
 21    DISABLE BFRM 0 PFLAG C! 0 RFLAG C!
 22 ;
 23 -->

SCR #77
  0 ( TESTS )
  1 DECIMAL
  2 CREATE CHRD1
  3 53 C, 59 C, 62 C, 67 C,
  4
  5 : CH1
  6    NEWKI @ 0 = NOT IF
  7     MYA2 DATA ! SYNTH
  8    4 0 DO
  9     CHRD1 I + C@ 0 ON LOOP
 10   BEGIN DONE @ 0= NOT UNTIL
 11    DISABLE BFRM  THEN
 12   4 0 DO 4 RANDOM CHRD1 + C@ 0 ON
 13 900 MS  LOOP
 14          ;
 15 CREATE HRM7A
 16 41 C, 44 C, 53 C, 44 C,
 17 CREATE HRM7B
 18 60 C, 63 C, 72 C, 63 C,
 19 CREATE HRM8A
 20 43 C, 46 C, 55 C, 46 C,
 21 CREATE HRM8B
 22 58 C, 62 C, 70 C, 62 C,   -->
 23
```

```
SCR #78
  0 ( TESTS )
  1 DECIMAL
  2 CREATE MOLST
  3 3 C, LA1 , SHI1 , SU1 ,
  4 CREATE NOLST
  5 8 C, 58 C, 59 C, 60 C, 65 C, 64 C,
  6 63 C, 60 C, 59 C,
  7 VARIABLE VCTR VARIABLE CCTR
  8 : SY1 1 PFLAG C! 1 RFLAG C! 2 V-RP C!
  9   0 C@ VCTR ! 0 C@ CCTR ! 800 TEMPO !
 10   BEGIN
 11    VCTR C@ 2* MOLST 1+ +  @ DATA !
 12    SYNTH VCTR C@ 1+ VCTR C!
 13    VCTR C@ MOLST C@ = IF 0 VCTR C! THEN
 14    CCTR C@ NOLST 1+ + C@
 15    DUP 0 ON 17 - MD>SP + C@ V-PT C!
 16    TEMPO @ MS CCTR C@ 1+ CCTR C!
 17    CCTR C@ NOLST C@ = IF 0 CCTR C! THEN
 18   ?T UNTIL BFRM 0 RFLAG C! 0 PFLAG C! ;
 19
 20 -->
 21
 22
 23

SCR #79
  0 ( TESTS )
  1 DECIMAL
  2 VARIABLE PREV ( PREVIOUS KEY )
  3 CREATE EXLST
  4 ' TH2 CFA , ' TH3 CFA , ' CH1 CFA ,
  5 : GT1
  6   GUITINIT 0 RFLAG C! 0 PFLAG C!
  7   BEGIN GUIT1 C@ PREV C! SCANALL RST
  8 GUIT1 C@ PREV C@ = IF 0 ELSE 1 THEN
  9 NEWKI C! GUIT1A C@ 2 = IF 1 NEWKI !
 10 THEN  GUIT1 C@ 0= NOT IF
 11     GUIT1 C@ 9 - CASE
 12      0 OF TT   ;;
 13      1 OF TT2 ;;  2 OF TT3 ;;
 14      3 OF TT4 ;;  4 OF TT5 ;;
 15      5 OF TT6 ;;  6 OF TH1 ;;
 16      7 OF TH2 ;;  8 OF TH3 ;;
 17      9 OF CH1 ;;  10 OF LIS'N ;;
 18     11 OF LIS2 ;; 12 OF LIS3 ;;
 19     13 OF TNOW ;; 14 OF SNOW ;;
 20    ENDCASE
 21   THEN ?T UNTIL ;
 22
 23
```

```
SCR #80
  0 ( TESTS )
  1 DECIMAL
  2 VARIABLE PREV ( PREVIOUS KEY )
  3 CREATE EXLST
  4 ' TH2 CFA , ' TH3 CFA , ' CH1 CFA ,
  5 : GT1
  6   GUITINIT
  7   BEGIN GUIT1 C@ PREV C! SCANALL RST
  8 GUIT1 C@ PREV C@ = IF 0 ELSE 1 THEN
  9 NEWKI C! GUIT1A C@ 2 = IF 1 NEWKI !
 10 THEN  GUIT1 C@ 0= NOT IF
 11     GUIT1 C@ 9 - CASE
 12      0 OF TT   ;;
 13      1 OF TT2 ;;  2 OF TT3 ;;
 14      3 OF TT4 ;;  4 OF TT5 ;;
 15      5 OF TT6 ;;  6 OF TH1 ;;
 16      7 OF TH2 ;;  8 OF TH3 ;;
 17      9 OF CH1 ;;  10 OF LIS'N ;;
 18     11 OF LIS2 ;; 12 OF LIS3 ;;
 19
 20    ENDCASE
 21   THEN ?T UNTIL ;
 22
 23


SCR #81
  0 ( TESTS )
  1 DECIMAL
  2
  3 CREATE HRM7A
  4 41 C, 44 C, 53 C, 44 C,
  5 CREATE HRM7B
  6 60 C, 63 C, 72 C, 63 C,
  7 CREATE HRM8A
  8 43 C, 46 C, 55 C, 46 C,
  9 CREATE HRM8B
 10 58 C, 62 C, 70 C, 62 C,
 11
 12 : CH2           65 V1 69 V2
 13   4 0 DO
 14   HRM7A I + C@ 0 ON
 15   HRM7B I + C@ 1 ON
 16   TEMPO @ MS LOOP
 17   4 0 DO
 18   HRM8A I + C@ 0 ON
 19   HRM8B I + C@ 1 ON
 20   TEMPO @ MS LOOP ;
 21
 22
 23
```

```
SCR #82
  0 ( PPP )
  1 DECIMAL
  2 CREATE H1
  3 36 C, 39 C, 41 C, 45 C,
  4 38 C, 41 C, 43 C, 46 C,
  5 39 C, 43 C, 45 C, 48 C,
  6 41 C, 44 C, 46 C, 50 C,
  7 43 C, 46 C, 48 C, 52 C,
  8 45 C, 48 C, 50 C, 53 C,
  9 46 C, 50 C, 52 C, 55 C,
 10
 11 : PLAYH
 12   BEGIN
 13   7 0 DO
 14    4 0 DO H1 I + J 4 * + C@
 15    0 ON 900 MS LOOP
 16    LOOP
 17 ?T UNTIL     ;
 18
 19
 20
 21
 22
 23

SCR #83
  0 ( PITCH TABLE FOR HIKEY )
  1 DECIMAL
  2 CREATE PITCS
  3 36 C, 39 C, 40 C, 41 C,
  4 42 C, 43 C, 46 C, 47 C,
  5 48 C, 51 C, 52 C, 53 C,
  6 54 C, 55 C, 58 C, 59 C,
  7 60 C, 63 C, 64 C, 65 C,
  8 66 C, 67 C, 70 C, 71 C,
  9 72 C, 75 C, 76 C, 77 C,
 10 78 C, 79 C, 82 C, 83 C,
 11 84 C, 84 C, 84 C, 84 C,
 12 84 C, 84 C, 84 C, 84 C,
 13 : LIS'N 36 0 DO
 14   PHRLST 4 + I 2* + @ DATA ! SYNTH
 15   PITCS I + C@ 0 ON TEMPO @ MS LOOP
 16   DISABLE BFRM ;
 17
 18 -->
 19
 20
 21
 22
 23
```

```
SCR #84
  0 ( PITCH TABLE FOR HIKEY )
  1 DECIMAL
  2
  3 CREATE DURTAB
  4 1 C, 2 C, 3 C, 7 C, 12 C, 19 C,
  5
  6 : LIS2  1 PFLAG C! 1 RFLAG C! 36 0 DO
  7   PHRLST 4 + I 2* + @ DATA ! SYNTH
  8   PITCS I + C@ DUP 0 ON 36 - MD>SP
  9   + C@ V-PT C!
 10   I  6 /MOD SWAP DROP
 11   DURTAB + C@ V-RP C!
 12   TEMPO @ MS LOOP
 13   40 V-RP C!
 14   32 RANDOM 2* PHRLST + @ SYN
 15   DISABLE  0 RFLAG C! 0 PFLAG C!
 16   BFRM ;
 17
 18
 19
 20
 21
 22
 23

SCR #85
  0 ( PITCH TABLE FOR HIKEY )
  1 DECIMAL
  2
  3 : LIS3  1 PFLAG C! 1 RFLAG C! 36 0 DO
  4   PHRLST 4 + 32 RANDOM
  5   2* + @ DATA ! SYNTH
  6   PITCS 32 RANDOM +
  7   C@ DUP 0 ON 36 - MD>SP
  8   + C@ V-PT C!
  9   I  6 /MOD SWAP DROP
 10   DURTAB + C@ V-RP C!
 11   TEMPO @ MS LOOP
 12   40 V-RP C!
 13   32 RANDOM 2* PHRLST + @ SYN
 14   DISABLE  0 RFLAG C! 0 PFLAG C!
 15   BFRM ;
 16
 17
 18
 19
 20
 21
 22
 23
```

```
SCR #86
  0 ( NOW )
  1 DECIMAL
  2 CREATE NOWS
  3 41 C, 46 C, 49 C, 53 C,
  4 54 C, 59 C, 62 C, 66 C,
  5 67 C, 72 C, 75 C, 79 C,
  6 79 C, 75 C, 72 C, 67 C,
  7 66 C, 62 C, 59 C, 54 C,
  8 53 C, 49 C, 46 C, 42 C,
  9
 10 : TNOW
 11   24 0 DO
 12   NOWS I + C@ 0 ON
 13   1000 MS LOOP ;
 14
 15 : SNOW 1 PFLAG C!
 16   NEWKI @ 0= NOT IF
 17   ( WHATEVER WAS LAST ) SYNTH THEN
 18   24 0 DO
 19   NOWS I + C@ DUP 0 ON
 20   36 - MD>SP + C@ V-PT C!
 21   TEMPO @ MS LOOP
 22   DISABLE BFRM 0 PFLAG C! ;
 23

SCR #87
  0
  1
  2
  3
  4
  5
  6
  7
  8
  9
 10
 11
 12
 13
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 15
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 23
```

```
SCR #110
  0 ( LOAD SCREEN FOR KOKOLE PHRASES )
  1 DECIMAL
  2 140 LPC-FILE! AIEE1
  3 141 LPC-FILE! EEAH1
  4 142 LPC-FILE! PAO
  5 143 LPC-FILE! MO
  6 144 LPC-FILE! KO1
  7 145 LPC-FILE! KO2
  8 146 LPC-FILE! LE1
  9 147 LPC-FILE! ME1
 10 148 LPC-FILE! PO1
 11 149 LPC-FILE! PO2
 12 150 LPC-FILE! MA1
 13 151 LPC-FILE! PA1
 14 152 LPC-FILE! PA2
 15 153 LPC-FILE! TA1
 16 154 LPC-FILE! SHI1
 17 155 LPC-FILE! MI1
 18 156 LPC-FILE! SHI2
 19 157 LPC-FILE! MI2
 20 158 LPC-FILE! LA1
 21 159 LPC-FILE! LA2
 22 160 LPC-FILE! LA3
 23 -->

SCR #111
  0 ( KOKOLE PHRASES CONTINUED )
  1 161 LPC-FILE! MA2
  2 162 LPC-FILE! MA3
  3 163 LPC-FILE! KI1
  4 164 LPC-FILE! TI1
  5 165 LPC-FILE! TO1
  6 166 LPC-FILE! KU1
  7 167 LPC-FILE! SU1
  8 168 LPC-FILE! RU1
  9 169 LPC-FILE! MY1
 10 170 LPC-FILE! DY1
 11 171 LPC-FILE! MA4
 12 172 LPC-FILE! MYA2
 13 173 LPC-FILE! KOKO1
 14 174 LPC-FILE! MAPA1
 15 175 LPC-FILE! SHIMI1
 16 176 LPC-FILE! KITI1
 17 177 LPC-FILE! LALA1
 18 178 LPC-FILE! POPO1
 19
 20
 21 -->
 22
 23
```

```
SCR #112
  0 ( LIST OF PHRASE ADDRESSES )
  1 CREATE PHRLST
  2 ' AIEE1 ,            ' EEAH1 ,
  3 ' PAO   ,            ' MO    ,
  4 ' KO1   ,            ' KO2   ,
  5 ' LE1   ,            ' ME1   ,
  6 ' PO1   ,            ' PO2   ,
  7 ' MA1   ,            ' PA1   ,
  8 ' PA2   ,            ' TA1   ,
  9 ' SHI1  ,            ' MI1   ,
 10 ' SHI2  ,            ' MI2   ,
 11 ' LA1   ,            ' LA2   ,
 12 ' LA3   ,            ' MA2   ,
 13 ' MA3   ,            ' KI1   ,
 14 ' TI1   ,            ' TO1   ,
 15 ' KU1   ,            ' SU1   ,
 16 ' RU1   ,            ' MY1   ,
 17 ' DY1   ,            ' MA4   ,
 18 ' MYA2  ,            ' KOKO1 ,
 19 ' MAPA1 ,            ' SHIMI1 ,
 20 ' KITI1 ,            ' LALA1 ,
 21 ' POPO1 ,
 22
 23

SCR #113
  0
  1
  2
  3
  4
  5
  6
  7
  8
  9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
```

```
S                                  CR #140
 1A  6 2E  4 5F EC 1E 37 4A DA 65 61 21  6
 10 17 1B  7 53 DF 3C 33 31 E4 65 66 21  5
 2A FD 16  5 5B E6 21 2E 43 E5 65 67 21  6
  9 11  F  D 5C  3 F6 1A 6A DE 65 61 21  5
 18 14  C  E 5A  5 FE 1C 61 DB 65 64 21  6
 17 1A 1A F1 56  5  9 24 4C D4 65 67 21  6
 17 1A 1A F1 56  5  9 24 4C D4 65 67 21  6
 10 14 1C FD 5E E8  A 2C 48 DF 65 65 21  5
  5 17 21  3 5B D6 10 37 44 EA 65 63 21  5
 1D  5 21 12 52 D8 1A 2A 3E F1 65 65 21  5
 26 FC 24 15 48 DF 10 2C 48 EF 65 63 21  5
 22 12 13 10 5A C5 2D 38 2D  A 65 61 21  6
 24 F9 26 18 55 CB 2F 2B 26 12 65 63 21  5
 1F 16 17  9 5B D0 11 36 3E  5 65 61 21  6
 2F 11 21  8 5B CC 17 38 4A  4 65 61 21  5
 28  A 26  D 55 D4  7 38 51  1 65 60 21  6
 12 FE 20 14 5A E2 FB 34 3C  6 65 62 21  5
 20  E 10  B 60 E8 F0 29 58 F8 65 61 21  5
 29 F3 12 1E 5E D8  8 2F 32  F 65 60 21  5
 22 F2  9 21 56 F6  9 1E 1D  3 65 63 21  6
  F  2 22  F 5B EC  9 16 19 1D 65 65 21  5
 1F FD 18 25 53 FE 1A F2  6 22 65 64 21  5
 12  2 2C 1A 58  C 1C D7  E 27 65 62 21  5
  5 F8 1C 12 53 F5 F2 CA 29 44 65 5D 21  5
  5  B 1F 14 5D 1A D7 B8 33 40 65 58 21  6
 10 F6 2C 19 3E E8 C6 C4 46 4B 65 57 21  6
  D  4 22  D 47  B BB B3 25 59 65 54 21  6
 17 13 36 15 3E ED C8 B3  8 58 65 52 21  5
 1C  B 2C 14 27 D3 CF BB 2F 6E 65 4F 21  6
 17 21 4C  D 16  3 BF B4 27 50 65 55 21  5
 1C 19 3D 28  4 BB E1 E9 27 33 65 5B 21  6
 EA  E 38  3 34 2B C7 A7 1F 50 65 59 21  3
  1  1 32 F8 4C 10 CA AB 25 54 65 58 20  5
 EC  A 2F F7 4E  6 CD B0 22 61 65 53 1F  6
 E5  1 2A FB 4C  E DE A7 1F 61 65 57 1E  6
 EA  7 27 FA 57 FD AD CA 59 5B 65 52 1D  7
  1  1 20  D 44 14 BB B2 4F 57 65 55 1D  7
 F8  5 24  0 4F 12 C7 AC 2F 55 65 54 1D  7
 F7 F3 32  9 42 22 BF A5 49 54 65 4C 1D  7
  C EF 19  A 40 3B C7 9A 59 51 65 49 1D  7
 10 FF 25 FD 43 29 B9 A8 4C 54 65 4C 1D  7
 FC FE 29  4 55 FA B1 BA 5D 5C 65 50 1D  7
  C F8 2C F6 53  3 B7 B3 5B 5A 65 4E 1D  7
  B  F 34  5 44 CC B3 E3 6D 5C 24  0 40  3
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #141
 25 18 2B  2 24 F0 AD D8 63 5E 65 51 21  5
 23 15 25  4 2B  D AB BC 60 55 65 53 21  5
  5 11 2C  8 31 10 B7 B3 27 5A 65 54 21  5
  C 15 1C  8 44  5 B1 B7 2E 5B 65 52 21  5
  A 18 16 16 31 17 BB AA 36 54 65 55 21  6
  9 10 21  2 33 1E B3 B2 38 4F 65 53 21  5
 11 14 21 F6 46  7 B3 B8 42 56 65 51 21  6
  3 1A 1A FE 52  2 A8 C5 48 56 65 4E 21  5
  D 13 19  A 4D F4 A2 D8 54 59 65 52 21  5
  D  8 19 18 40  4 BA AD 55 55 65 50 21  5
  7  E 29 FD 42 16 BD B0 2B 53 65 53 21  5
  5 15 22  0 42  F B6 B6 39 57 65 50 21  5
 11 FD 18 12 50  0 AA C0 58 53 65 4B 21  6
 F7  A 2E EF 50  5 BB B6 34 5A 65 52 21  5
 F9 13 2B FF 48 FC C2 B6 38 61 65 50 21  5
 F6  A 3A F9 46 FD C3 B8 36 5D 65 51 21  5
 F8  A 1F  0 4C  C DA A6 2F 5A 65 50 21  6
 F0  9 2D  9 4B F4 C9 B8 40 56 65 52 21  5
  7  B 1F FA 55  8 C3 B6 44 57 65 51 21  5
  B  9 1B  1 56 F5 CC B7 4C 5B 65 4F 21  5
 12 EA 1E 1E 58 E9 C4 C2 50 54 65 51 21  6
 F4 FB 1C 10 58  C EB AC 24 55 65 53 21  5
  B FA 31 2B 59  3 ED B4 2A 48 65 57 21  6
  8  C 16 22 65 30  C B5  A 15 65 53 20  6
 F3  A  E 20 38 FA 18 DD 13 1A 65 5F 1F  6
 10 FA 10 20 57 EA 2C FC 1A F9 65 61 1E  5
 2C  A  C 1C 52 ED 1B 19 2D E1 65 63 1D  7
  F 22  4 FC 5B E6 21 2B 30 D3 65 62 1D  7
 21  D  7 FD 5C DF 2C 30 2E D4 65 62 1D  7
 13 1A  4 F8 5B EE 1D 30 3F CA 65 61 1D  7
  B 18 FA  5 57 F1 14 30 47 CA 65 61 1D  7
 21  D FA  A 53 F2 11 34 49 C4 65 60 1D  6
 1A  A  6 1A 58 DA  C 32 3A DA 65 5E 1D  7
 18 FD 1C  9 58 DA 17 29 30 DD 65 5D 1D  6
 11 F9 13 18 58 CC 3A 1E  1 FB 65 5A 1D  7
 16 F6  B 31 57 C4 3D 20 FE  5 65 58 1D  7
 1F EA 1B 1A 40 C8 37 40 26 FA 65 56 1D  7
 14 E3 23 25 3A D6 4B 3B 19  5 65 53 1D  7
  F F7 24  D 30 E4 2C 46 56 E5 64 52 1D  7
  F F7 24  D 30 E4 2C 46 56 E5 64  0 1D  7
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #142
 1D  4 2B F2  E  B 26 1A 41 37 24 48 40  3
 FE  9 1B EF 1E 12 4F 11 35 29 24 48 40  3
 1D 13 3A 16 40 C8 3C 39 1F C7 65 5C 21  5
 3B  E 2E 15 41 CE 41 39  7 D3 65 5F 21  6
 38  5 2D 1A 4A C9 3C 3F 10 C7 65 5F 21  4
 17 1C 2C 16 40 CF 4F 3A EF D4 65 58 21  6
 29 16 1E 15 33 CF 5C 19 DD  1 65 5A 21  5
  C F6  3  8 22 E0 50 32 FB FC 65 55 21  5
  3 20  6 15 2C BD 22 4B 35 B8 65 56 21  5
  3 20  6 15 2C BD 22 4B 35 B8 65  0 21  5
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #143
 30 17 2A  1 11 F6  D CA CC D7 65 50 23  5
 2A FF 3A E1 E5 D0  F  2 FE BF 65 58 22  4
 22  C 3D  5 1B E4 1A 3C 36 B3 65 5C 21  4
 19 1D 46 12 1D E8 10 41 51 B1 65 5D 21  6
 1C 1E 48 14 20 F0  7 31 5C AD 65 5C 22  5
 F3 35 17 34 37 D0 12 58 22 B3 65 59 21  5
 F3 35 17 34 37 D0 12 58 22 B3 65  0 21  5
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #144
 FE  6 15  5 2A 19 2E 23 48 2F 24 44 40  3
 23 10  A 13 26 F1  D 37 65 B9 24 54 40  3
 23 10  A 13 26 F1  D 37 65 B9 24  0 40  3
  5  7 22 3F 12 BD 3E 1E  5 C5 65 5C 21  6
  7  E 28 2B 1E C0 34 33 20 BA 65 5D 21  5
 FB 2F 22 1D 1E C1 46 27 17 C3 65 5D 21  6
 F4 26 2D 1B 2E BA 34 37 24 BC 65 5D 21  5
 E5 1B 41 12 2C B3 3F 36 1C C5 65 5C 21  6
 F1 1E 37 1B 21 B9 33 39 23 C0 65 5F 21  5
 F1 1E 37 1B 21 B9 33 39 23 C0 65 5F 21  5
 F8 23 12 2D 21 C3 3E 29 F8 C9 65 58 21  6
 F8 23 12 2D 21 C3 3E 29 F8 C9 65  0 21  6
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #145
 13 18  E 17 1E 11 45 42 60 CC 24 47 40  3
 1A 13 19  0  8 F2 27  D 21 F6 24 50 40  2
 1F 14 1E 10  9 E8 44 10  C DB 24 52 40  2
  3 2C 22 13 18 BD 40 3B 2F C4 65 60 21  5
 15 1C 28 F9 1C D8 35 21 15 BA 65 5C 21  6
 1A  A 24 D8 13 FD 37 16  B CC 65 58 21  5
 EC 17 2F  F  C FD 23 23 42  2 64 51 21  6
  0  0  0  0  0  0  0  0  0  0 64 48 40  3
 17  3 21  5 17 1F 35 24 41 2A 24  0 40  3
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #146
  9  E  F 3B 39 CB D1  9 48 E0 65 58 21  6
 16  9 1B  F 4D DB B2 25 43 E7 65 58 20  6
 1A  9 23 14 49 FA  D  1 F7 E7 65 58 1D  6
  A  6 1C  1 54 E5 1A F1 19 FB 65 5B 1D  7
  2  D 13  0 53 FD 17 DB 25 FA 65 5B 1D  7
 11 10  3 16 4D FE 17 D2 24  6 65 5E 1D  6
 12  E 15  A 4B F5 31 C4 13 17 65 5E 1D  7
 1C  A 15  5 53  9  9 C8 23 1A 65 5B 1D  6
 16 22 1F  8 40 10 24 CD F9  F 65 58 1D  7
 20 2D 30 F8 47 1C 16 C5  6  F 65 58 1D  6
 22 1E 21 FD 59 21 20 BB  6  6 65 58 1D  7
  0 1E 22 18 59 22 12 AF 1B 23 65 58 1D  7
 1F  3 2C 1E 4B F2 F8 B9 40 46 65 58 1D  7
 20 FB 21 13 43 C4 ED DD 62 50 64 57 1E  7
 20 FB 21 13 43 C4 ED DD 62 50 64  0 1E  7
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #147
  E 28 3C 1A 12 DA F7 BE  7 D4 65 52 21  6
 F4 34 30 3E FF EA F0 BC  8 D4 65 54 20  6
 FB  D 19 13 2D EC  B C1 F7 D4 65 5C 1E  6
  0 12  8 1B 4C F2 FC E0 31 F0 65 60 1E  6
 14 14 18 F8 53 EF ED E6 4C  C 65 5F 1E  6
 F8 21 15 F8 51 F2 FF E7 29  F 65 64 1E  6
  3 18 13  5 4D E2 20 D1 1D 39 65 64 1E  6
  9 21  A  9 4F E3 16 CD 2F 43 65 5F 1D  7
 14 17  7  8 50 F8 1A C0 1F 40 65 5F 1D  7
 26  7  F  7 59 F4  7 C2 31 3A 65 5F 1D  7
 34 F5  1  F 5F  4  5 BB 29 3C 65 58 1D  7
 22  8 F0  2 5F 21  6 BB 17 24 65 59 1D  6
 20 EF  C FE 63 11 FC B7 2D 33 65 57 1D  7
  8  6 16  6 5A 14  9 B6 15 2B 65 54 1D  7
 1A FD 19 19 53 E3 E7 C9 4C 4D 65 4F 1D  6
 FE  D  5 16 4B CC EE CD 53 51 65 48 1D  6
 FE  D  5 16 4B CC EE CD 53 51 65  0 1D  6
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #148
 1D  9 18  6 33 EE 37  B 23 37 24 4C 40  3
  0  0  0  0  0  0  0  0  0  0 34  8 40  3
 1B 11 20 36 EA DC 5C FB D5 DB 65 54 21  6
 22 14 14 40  7 C7 4C 30 EE AE 65 51 21  5
 20 13  7 44 FA C1 4B 38 E3 BF 65 51 21  6
 FC 31 17 11 12 BF 3D 48 FA B3 65 51 21  5
 EF 14 3D F4 FD EE  1 4D 36 A3 65 51 21  6
  7  6 3B  B DB  6 FC 41 3D A0 65 51 21  5
 10 14 2B F8  4 F6 EF 3B 3F 9D 65 51 21  6
  A F2 30  B E7  6  D 12 24 A5 65 51 21  5
  A F2 30  B E7  6  D 12 24 A5 65  0 21  5
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #149
 1E 14 1B FB 1C  8 1D FD 2C 2B 24 40 40  3
  0  0  0  0  0  0  0  0  0  0 64  8 40  3
  5 18 28 31  4 DF 2C 33  3 A9 65 55 21  6
 2E 2B 16 39 EE DB 55 20 DF BC 65 50 21  5
 1E 2D  D 29 29 BC 48 31 F4 AE 65 50 21  5
 18 34 20 39 22 C3  8 39 41 9C 65 4D 21  6
 17 34 23 22 F1 BF 56 24 E5 C9 65 50 21  6
 12 F6  4 FD 11  6 1D EF F6 FA 24  0 40  3
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #150
 25 F7  6 EF E4 F4  9 DC 22 E5 65 50 21  6
 23  7 14 FC DC E9  7 D8 26 C7 65 54 21  5
  7 F6 FE E7 E8 DA 24 F7 40 CB 65 58 21  6
  C F4  6 D8 EA E5 1C  8 4B C1 65 59 21  5
 F1  2 F9 D6 F3 FE 2E FD 3F D4 65 5D 21  6
  C  4 24  2 50 E0 1F 4D 2D CD 65 60 21  4
 1D  B 17 19 45 F6  B 40 57 C9 65 60 21  5
 18 21  B 15 53 F1  D 45 45 CE 65 61 21  4
 12 1B FE 18 58 D7 32 3E 22 D4 65 61 21  6
  5 FB 2D  5 35 EC 15 2D 3B C0 65 56 21  5
 17 FE 2C  2 13  5 4E 41 2C F5 24  0 40  3
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #151
 19  F  A 28 39 F7 39 DC 29 37 24 49 40  3
 29 15 EE 44 2B  4 29 37 21 CD 65 6B 21  3
  A 21 ED 44 51 DD 3A 24 28 DD 65 68 21  4
 19 25 E9 4D 42 D9 41 27 21 E3 65 66 21  6
 10 1F EF 4C 31 D1 55 1D  5 EA 65 63 21  5
  6 28  8 24 37 D4 3B 13 20 E3 65 51 21  5
  6 17 2B  E  F E9 51 15 2E 20 24  0 40  3
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #152
  8 1D 2D 1A 47  2 EB  E 27  5 24 38 40  3
 1F 2C  C 1A 4C F3 25 2C 32 CC 65 68 1D  6
  7 35 FB 1A 4D  D 11 1F 48 D1 65 68 1D  6
 20 34 F3 11 4F 2A  A FF 51 D7 65 64 1D  7
 2B  B 23 13 4F 1D  F FD 47 D9 65 62 1D  7
  A  4 21 1A 47 D4  8 36 30  D 65 59 1E  6
 29 1A 25 1D 4F FA  8 26 3B F0 24  0 40  3
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #153
 FE F2 29 F3  3 1B 31  3 3F 37 24 48 40  3
 11 1B 25 29 1A E3 48 55 48 16 24 48 40  3
 14  B 34 14 4F  0 F3  B 54 E5 65 62 1F  6
 FC 15 14 30 4C  1 14 11 47 E2 65 66 20  6
  A 20 10 36 4F F7 16 1E 47 E1 65 66 21  4
  E 23  C 3A 51 F4 1F 22 43 DF 65 64 21  6
 10 2B 1B 26 53  B  A 17 57 DC 65 63 21  5
 1A  7 29 1A 61 F9  2 2E 4F DF 65 60 21  5
 18 FD 29 14 67  3 F7 2E 54 DC 65 5F 21  6
  D F8 35  D 66 F6 FF 37 4A E4 65 5D 21  5
  7 FB 37 18 60 EB  2 35 56 E5 65 5A 21  5
 FA FD 37 11 52 FA EE 3E 63 E5 65 58 21  5
  3  9 29  7 4F  7 FA 29 53 E0 65 58 21  6
  8  7 1A 1B 51  8  E 34 31 E5 65 59 22  5
 11  5 23  F 56 F1 18 43 24 F0 65 5A 21  6
 11  5 23  F 56 F1 18 43 24 F0 65  0 21  6
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #154
  0  0  0  0  0 46 5F 52 77 75 24  4 40  3
  0  0  0  0 7D 4C 40 63 75 66 24 3A 40  2
  0  0  0  0 55 28 4B 50 77 71 24 43 40  2
  0  0  0 4C 4D 21 4E 50 6C 6F 24 43 40  3
 24 18 24 D7 FC 13 50 48 68 70 24 46 40  2
 19 23 29 25 18 B8 FA 11 6A 57 65 5F 21  4
 11 13 1B 35 38 B4 DD 2B 70 50 65 5E 21  6
 18 F1 1F 34 3B BE D4 21 6D 53 65 5E 21  4
 1A E6  F 33 42 C6 D7  D 6D 54 65 5C 21  6
  F EA 11 24 49 C7 DF F7 6B 50 65 5B 21  6
  F EA 11 24 49 C7 DF F7 6B 50 65  0 21  6
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #155
 FB  7 13 2C F2 F9 1A C5 1C D4 65 5B 21  6
  5 FC 2A 21 EF FB  E CA 21 DF 65 5C 21  5
  7  1 1E 35 E9 F1 1D C3 25 E4 65 5A 21  6
 FB 27 2A 17 F8 D6  E FB 49 2E 65 5E 20  6
 1B E5 15 28 4B CA DE FB 64 53 65 59 20  6
 1F E7 16 19 54 D9 C4  8 6E 4C 65 54 21  5
 24 ED  4 18 54 D9 CC F6 67 55 65 57 21  6
 27 FA F5  1 5F E3 D7 D2 63 57 65 54 21  4
 1A F8 EC FE 5B E8 BF CE 57 4F 65 4F 21  6
 1A F8 EC FE 5B E8 BF CE 57 4F 65  0 21  6
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #156
  0   0   0 66 41 46 49 46 6C 6E 24 30 40   3
  0   0   0 49 3F 3F 30 57 6F 6D 24 40 40   2
  0   0   0 4C 30 34 31 50 75 6D 24 41 40   3
  0   0   0  0 30 6E 48 5A 75 69 24 37 40   3
 19  14  1E 2E 26 B2 FC 26 64 51 65 5A 21   5
 16   C 26 41 2D D1 D4  5 64 4A 65 5C 21   5
  2   6  1E 35 48 CA D5  0 67 50 65 5A 21   6
 15  F3   C 2D 4F CA DD EF 68 57 65 5B 21   4
 2E  F4  F9 13 54 F0 E4 C5 60 5B 65 59 21   4
 26  F7  E4 11 56  3 DA C2 63 57 65 57 21   6
 18  FC  E6  7 47 18 F1 B3 51 50 65 54 21   5
 18  FC  E6  7 47 18 F1 B3 51 50 65  0 21   5
  0   0   0  0  0  0  0  0  0  0  0  0  0   0
```

```
SCR #157
 F7   B 2D FA 20 EE   6 CA F5 D4 65 58 21   6
 F3 FA 1D   9 19 F2   6 D1 FD C0 65 59 20   6
  7 F9 F0 F8 1E F7 2C CD 11 C4 65 60 1E   7
 12 FC   3   A   5 ED   6 FB 52 EE 65 68 1D   7
  A F5   7 17 45 D0 FF 14 67 4D 65 65 1D   7
 37 E3 FB   9 4D E2 EE 15 63 56 65 63 1D   7
 30 EB   7 ED 51 F9 E5   5 65 5A 65 62 1D   7
 1E   7   4 DB 59 F9 E9 FA 65 5E 65 5F 1D   7
 19   2 13 CA 53   C F4 E1 54 5F 65 5C 1D   7
 FB   6 18 BA 23 49   E B5 51 4A 65 5A 1D   7
  C   3   3 CB 30 1D F1 BE 32 58 65 58 1D   7
  C   3   3 CB 30 1D F1 BE 32 58 65   0 1D   7
  0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
SCR #158
 24 2F 1D E5 56 26 E8 F6 20 CD 65 48 1F  7
 24 32 14 F2 61  8 F6  9 FA DA 65 57 1E  7
 24 39 13  6 5D E5 1E  1 DF FB 65 58 1D  7
 1C 3C 15  D 5C DA 27 FB DD  8 65 58 1D  7
 1B 33 26  2 5A E3 1B  D E3 EB 65 55 1D  6
 32  9 3E  C 3B 1C  6 F5 2D B2 65 57 1D  6
 33 E9 29 F8 55 DF 13 2C 1B EA 65 60 1D  6
 13 18 F5 39 3C 31 20 16 5E CA 65 62 1D  6
  7 16  9 2F 48 41  9 25 60 C7 65 60 1D  6
  A 22  6 2E 45 47 F6 1F 69 CF 65 5D 1D  6
 22 1A FA 30 3D 48 EC 2E 69 D0 65 5D 1D  6
 22 1A FA 30 3D 48 EC 2E 69 D0 65  0 1D  6
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #159
 24 2F 1D E5 56 26 E8 F6 20 CD 65 48 1F  7
 24 32 14 F2 61  8 F6  9 FA DA 65 57 1E  7
 24 39 13  6 5D E5 1E  1 DF FB 65 58 1D  7
 1C 3C 15  D 5C DA 27 FB DD  8 65 58 1D  7
 1B 33 26  2 5A E3 1B  D E3 EB 65 55 1D  6
 32  9 3E  C 3B 1C  6 F5 2D B2 65 57 1D  6
 33 E9 29 F8 55 DF 13 2C 1B EA 65 60 1D  6
 13 18 F5 39 3C 31 20 16 5E CA 65 62 1D  6
  7 16  9 2F 48 41  9 25 60 C7 65 60 1D  6
  A 22  6 2E 45 47 F6 1F 69 CF 65 5D 1D  6
 22 1A FA 30 3D 48 EC 2E 69 D0 65 5D 1D  6
 29 2A DF 31 3D 40 F4 23 6E D0 65 59 1D  7
 24 2F 1D E5 56 26 E8 F6 20 CD 65 58 1E  6
 24 2F 1D E5 56 26 E8 F6 20 CD 65  0 1E  6
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #160
 24 39 13  6 5D E5 1E  1 DF FB 65 58 1D  7
 1C 3C 15  D 5C DA 27 FB DD  8 65 58 1D  7
 1B 33 26  2 5A E3 1B  D E3 EB 65 55 1D  7
 32  9 3E  C 3B 1C  6 F5 2D B2 65 57 1D  6
 33 E9 29 F8 55 DF 13 2C 1B EA 65 60 1D  6
 13 18 F5 39 3C 31 20 16 5E CA 65 62 1D  6
  7 16  9 2F 48 41  9 25 60 C7 65 60 1D  6
  A 22  6 2E 45 47 F6 1F 69 CF 65 5D 1D  6
 22 1A FA 30 3D 48 EC 2E 69 D0 65 5D 1D  6
 29 2A DF 31 3D 40 F4 23 6E D0 65 59 1D  7
 31 11 F3 18 34 47 E6 3B 67 C9 65 59 1D  7
 31 11 F3 18 34 47 E6 3B 67 C9 65  0 1D  7
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

SCR #161

```
 24 D4 12 16 EE D2 1D D1 3B E2 65 4F 1D  7
 1D  E F6 12 DF E2 13 E7 39 C7 65 52 1D  7
  F DE 39 ED D3 D7 21  D 4B CF 65 4E 1D  6
 17 D6 2C 11 CE C3 32  0 55 CB 65 4D 1D  6
 10 EB 26 18 1F  4  4 21 4E BF 65 5E 1D  6
 2B 12 F7 14 42 2B FB 2B 6B C8 65 5F 1D  6
 34  C F6 1F 45 30  3 1D 6F CB 65 60 1D  6
 34 11 FA 11 4A 35 F3 30 6B CB 65 61 1D  6
 39 12 F8 16 40 32 FB 2B 6E C8 65 61 1D  6
 32  7  D  4 41 31 F0 35 6E C2 65 5F 1D  6
 17  4 17 F3 4A  F E7 32 6B BC 65 59 1D  6
 F4 FE F6 18 DF EA FE FE 62 BC 65 4C 1D  7
 21 D7  C  2 DA E8 20 F6 49 CA 65 4F 1D  7
 21 D7  C  2 DA E8 20 F6 49 CA 65  0 1D  7
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #162
 21 D7  C  2 DA E8 20 F6 49 CA 65 4F 1D  7
  1 DD  F 1C CF CC 33 FE 55 C7 65 4A 1D  6
  D D9  C 19 D4 CB 39 F8 51 C7 65 4B 1D  7
  8 DF 23  D CD D2 33 F0 46 C9 65 4D 1D  7
  3 E7 11 1A D6 C1 39 F2 52 C6 65 4C 1D  7
 24  9 1D FB 55  8 EF 39 66 BE 65 5B 1D  6
 33  F  2 11 48 1E  7 2D 6E C7 65 60 1D  7
 2E 16  9  2 50 18  F 25 6F CB 65 5D 1E  6
 2C 12 11 F3 55 14  B 2F 6E D0 65 5C 1E  6
 2D 19  3  0 4A 25 FD 32 6F CE 65 5A 1E  6
 31 2E FF E8 38 31  5 12 76 C9 65 55 1D  6
 16 FD 28 E2 29 22 FB 30 69 CA 65 52 1D  6
 16 FD 28 E2 29 22 FB 30 69 CA 65  0 1D  6
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #163
 20 1D 2B  8 27 16 46 1F 3A 66 24 4F 40  3
 21  5 15 EB 23 C5 E9 2D 5D 69 24 47 40  2
 1D  A 1E F0  A D2 DE 18 76 53 65 60 1D  5
 23 13 11 F6  B CC E1  B 71 5A 65 5D 1D  6
 37  4 10 FD F7 E1 DC EA 74 5C 65 5C 1D  7
 1D  6 2E F2 18 E7 C7 CE 61 62 65 54 1D  6
 2F  5 28  B 1C E9 C3 BD 6E 56 65 53 1D  6
 23 F9 EF F6  3 E5  0 F1 49 4C 24  0 40  3
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #164
 3D F3 F8 28 41  E 2A 32 58 3B 24 54 40  3
 19  5 23 E9 21 CC EB 10 5F 44 65 60 1D  6
 10 15 18 F6 28 D1 E6 25 75 40 65 67 1D  5
 30 F7 2C F7 1A D2 F1 23 69 53 65 60 1D  7
 26 F2 3F DB 2A D3 E2 24 6E 5C 65 58 1D  6
 22 FC 36 DB 2C CD D6 22 74 56 65 5D 1D  6
 1F 1D 28 E2 2E E1 C2 D5 72 4C 65 50 1D  6
 1F 21 29 FD FD CC D8 E2 5C 49 65 51 1D  6
 1D ED 1B EC 18 1D 18  8 6E 4E 24  0 40  3
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #165
 32  1  B  D  B E2 34 39 3A 49 24 4C 40  3
 1E 2D 15 1C  A D3 49 EB 2A 36 64 64 22  6
 13  E 37 1D 1A CF 33 3F 21 F2 65 65 21  6
 15 1E 21 1E  D C9 63 11  C FD 65 5F 21  6
  8  8 24 2E 1F B5 39 45 2B CC 65 5C 21  6
 FD 20  E 18 26 B3 50 3A F2 D4 65 5C 21  5
  E FA 1E E0 19 C4 48 60 40 AE 65 55 21  5
  9 16 19 F3 1A  7 2F 17 12  D 24  0 40  3
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #166
 13 1F 40 F8 14 28 39 4C 50 B0 24 50 40  3
 F9  A 21 18 33 1A 36 23 12 F8 65 49 21  5
 10 16  F  4 EF B4 5A 49 F4 D4 65 59 21  6
 14 27 11 F9 E5 C2 60 4D F8 D3 65 58 21  6
 1C 1E 1A  A EC B1 52 5C 19 BC 65 57 21  5
 17 22 20 F9  0 AA 48 54 22 B7 65 51 21  6
 F9 20 23 FC  1 AC 2C 56 3C AF 65 4F 21  6
 17  F 21 E9 EF B2 2F 60 5F A9 65 51 21  6
 17  F 21 E9 EF B2 2F 60 5F A9 65  0 21  6
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #167
 29 17 1E 12 26 10 3B 2B 47 78 24 41 40  2
 1A 12 2C 1E 16 11 38 38 4B 78 24 44 40  3
 17 1B 10 1F 20 13 2B 27 4B 78 24 47 40  3
 13  C 21 13 28 22 38 1D 49 78 24 44 40  2
 27 10 32 12 1A 16 39 1B 43 78 24 47 40  3
  5 16 1E 11 19 26 2E 25 51 78 24 44 40  2
 25 2B  C  E 11 BA 55 15 3B 46 65 5F 1D  6
 2C 33 1E 1E  7 C2 44 FC 41 50 65 61 1D  7
 27 3A 24 1D 11 BB 46 F6 42 4E 65 5F 1D  6
 20 3E 2C 1C 10 B8 4C EF 45 4E 65 5F 1D  6
 30 39 23 1F FF BB 54 F0 49 4E 65 62 1D  6
 31 34 2A 20 F6 BD 53 F9 3E 45 65 5F 1D  6
 25 3D 20 1F  A B5 51 FE 39 3F 65 61 1D  6
 13 36 2C 22  7 B0 5B FC 3D 44 65 61 1D  6
 FE 28 34 1E 1E AB 57 F3 3C 49 65 5F 1D  6
  6 23 36 10 25 B2 4D EE 36 48 65 5D 1D  6
  6 23 36 10 25 B2 4D EE 36 48 65  0 1D  6
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #168
 1A 22 26 1B 25 B6 4E DE 2F 47 65 59 1D  7
 29 1F 26 20 1E BA 4B E7 22 3D 65 5F 1D  6
 2E 19 21 2F 13 B8 44  3 22 32 65 58 1D  7
  B 10 18 F2 3A  5 4E 41 3F 2E 65 5E 1D  6
 24 12 17 FB  9 CF 30 4E 4A FC 65 66 1D  5
 23 14 45 F4  0 E5  E 31 54 F8 65 62 1D  8
 24 1D 34 12 FC DE 1A 23 2E 15 65 66 1D  7
 23 1E 2C 24 FA D4 26 16 2D 1B 65 63 1D  6
 1A 1F 25 25 FC CD 2F 16 2A 1C 65 63 1D  7
 29  D 28 19 11 C0 35 11 29 15 65 60 1D  6
 27 17 28  C 22 B2 4B  3 1A 25 65 5B 1D  7
 30 1D 2D FA 31 AA 4E 11 19 13 65 59 1D  6
 2C 18 13 23 25 B4 2D 21 17 F0 65 57 1D  7
 2C 18 13 23 25 B4 2D 21 17 F0 65 57 1D  7
 2C 18 13 23 25 B4 2D 21 17 F0 65  0 1D  7
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #169
 F0 22 F7 35  1 EC  0  0 27  0 65 53 1D  6
 F9  C F2 2D  0  1 16  0 31  0 65 59 1D  6
 FC  9 25 13 1E BE 19 22 66 46 65 5A 1D  6
 15 DC 2F 18 37 B5  C 2D 66 56 65 55 1D  6
 16 D8 29 18 42 B9  9 27 64 58 65 56 1D  6
  3 E5 31 18 47 D5 F7 1D 61 47 65 5D 1D  5
 1E E7 2C 29 58 E4 FF 13 48 33 65 60 1D  7
 27 FB 26 25 5F F5  A 18 27  E 65 69 1D  3
 1B 12 32 11 57 EB 23 2A  C  C 65 69 1D  6
 16 18 1E 11 5A E9 1E 34 21 F3 65 69 1D  6
 11 15 1E  9 59 EF 21 34 26 EA 65 69 1D  7
 18 1A 1F 12 4A F2 3B 19 1A F4 65 69 1D  6
  8  E 24 17 4A  4 41  A 12 E3 65 62 1C  7
 F5 FC 2C 14 17 23 29  2 1F 1C 24  0 40  3
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #170
 16 1C 14 F9 E3 D8 2E 2E 6B 5B 24 50 40  3
 26 15 21 33 16 BF F7  E 60 3F 65 62 29  4
 14 23 2F 27 1B D6 19  D 4E 21 65 65 27  5
 1C  A 34 28 3B E3 13 26 5F F4 65 63 27  5
 23 FF 36 2B 2A D8 37 3A 3F FD 65 64 27  5
  B F5 2B 24 43 DA 29 3D 3E F2 65 60 27  6

  1  7 1A 12 4D E0 29 41 37 EE 65 62 27  5
 11  9 1D  C 3E DF 2E 49 42 E6 65 60 27  5
  5  C 20  5 4A DA 31 4A 31 EC 65 60 27  5
 F8  9 1D FB 43 DD 31 44 1B F0 65 5F 28  5
 F8  9 1D FB 43 DD 31 44 1B F0 65  0 28  5
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #171
  D 23 ED E6 E5 FD 13 F3 32 EC 65 58 28  5
  8  C  7 C9  D F0 23 F0 33 F8 65 58 29  4
 F2 16 20 F1 26 FC 36 2A 1A DE 65 5F 2A  3
 16 15 15  D 4B D8 39 4C 2B E1 65 5B 2B  5
 10 13 1C  E 49 D9 3D 4E 25 E5 65 5C 2B  4
  0 14 27 10 4C DA 39 4A 1C E8 65 5C 2B  4
  0 1E 28  E 49 DE 33 4F 21 E7 65 5E 2B  4
 F1 18 3B F9 4F E2 30 4E 21 E9 65 5D 2B  4
  4 13 2F  4 54 D2 3D 51 1E EC 65 5C 2B  4
  5 13 2A  F 53 CD 47 50 17 F6 65 5B 2C  4
  F  D 25 12 4F CC 4C 4F 16 F5 65 5A 2C  4
 12 FE 27  F 4D D2 3B 55 2C E5 65 59 2C  4
  0 1B  A 10 46 E9 1C 50 3E D8 65 56 2C  4
 11  E  C 14 43 EC 2F 51 23 F4 65 56 2A  3
  4 FA EA FB 3F E7 3D 59 2E FC 65 4D 27  5
  E 12 18 FD 46 ED 21 5C 41 F1 65 49 27  5
  E 12 18 FD 46 ED 21 5C 41 F1 65  0 27  5
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #172
 1D 11 F0 F1 21 EC 18 EF 45 2E 65 5C 1F  6
 17 DE  C 24 3A C3 F8 11 67 58 65 55 1E  7
 17 D4 12 17 46 D0 F1 FE 61 63 65 56 1D  6
 11 E5 15 1B 4C C6 F8 18 5C 5D 65 59 1D  7
 16 E5 23 28 49 CD  6 26 50 43 65 60 1D  6
  5 FC 34 14 5C DB  9 2C 2D 2E 65 62 1D  7
 2A  5 2A 1B 4A E7 24 2B 1F  7 65 69 1D  6
 20  8 18 23 4F E6 1C 39 31 F0 65 69 1D  7
 12 20 FE 2A 4C E8 27 30 2D EB 65 68 1D  7
  8 29 FB 22 60 D0 37 23 24 FD 65 62 1C  8
 F1 16  6 35 53 FE 23  9 2F DC 24 3A 40  3
 E2  E 19 1B 3E E0 32  8 20 1C 24  0 40  3
  A 28 25 3E 30 F0 17 2B 3D F0 24  0 40  3
 11  9 39 30 2C E3 33 26 19 1A 24  0 40  3
 E0  4 32  5 1A E7 52 40 4B  7 24  0 40  3
  B 15 10  1 11 1C 35 30 3D 4B 24  0 40  3
 20 2C 1D  C 39 1B 41  4 4C 59 24 40 40  3
  0  0 1D 62 36 3C 5A 3B 7B 67 24 40 40  3
 27 26 20 29 28 D2 E1 F1 56 48 65 5B 27  5
  C 1A 2D 1C 15 D3 12  B 48 39 65 60 27  5
 F3 26 2F 15 44 C4 31 2C 48 16 65 61 27  5
  F  4 2D  8 47 E1 20 2F 51 F5 65 60 27  5
  8  1 1B 19 4C D1 30 40 42 F6 65 5D 27  5
 13 12 16  9 41 E1 27 41 49 E7 65 5E 27  5
  9 13 13 10 2C F2 20 43 3D E9 65 5F 27  5
  9  6 15  9 3B D9 3A 48 20 FC 65 5C 27  5
 F7  9 19 F0 35 EF 28 45 1F EC 65 5A 27  5
  3 FE 2B C9 1D  F 15 1F 1B DE 65 58 27  4
 2B  5  3 E4 FD E7  A E7 2A E8 65 57 27  5
 FF 18 FC EA FB E5 EC F9 35 FC 65 58 27  5
  1 16 F7 EF DA FC F0  1 3D  3 65 57 27  5
 ED 10  A F5 E6 E2 F6 F1 43 FB 65 57 27  5
 E2 15  C DE DB FA  C F5 45 F3 65 55 27  5
  1 1A F8 E2 E7 EF  6 15 38 E5 65 58 28  5
  4 14 F3 DE EF FA 1C  E 3A F2 65 59 2A  4
 FB 15 23  A 46 DB 3C 43 16 EF 65 5C 2A  2
  A  9  E 12 4C E0 43 46 23 F8 65 5B 2A  4
  B  B  B 16 45 E4 3B 4C 32 E8 65 5B 2A  4
 11  7  B 14 48 E1 48 46 18 FC 65 5C 2A  4
 15  1 11 1C 45 D6 4E 4A  E  5 65 5B 2A  4
  C  D  F 12 3B EA 41 4C 20 ED 65 5C 2B  4
 16 13  F  8 3D EF 38 46 31 E0 65 5B 2B  4
 1C 17  F F2 3C E4 3D 55 1F E6 65 58 2B  4
 1F  7 25  7 37 E2 38 4C 1B F2 65 59 2B  4
  A  C 25  8 47 D2 43 4E 10 FC 65 58 2B  4
 FD FE 24 17 53 D6 38 45  9  0 65 54 2B  4
 F7  9 28 15 4D DF 1F 51 2F E6 65 51 2C  4
  1 FE 3B FD 54 EF 15 4A 44 DC 65 50 2C  4
  E F9 13 F2 39 EE 39 5C 3F F2 65 4E 2C  4
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #173
 13 18  E 17 1E 11 45 42 60 CC 24 37 40  3
 1A 13 19  0  8 F2 27  D 21 F6 24 47 40  2
 1F 14 1E 10  9 E8 44 10  C DB 24 47 40  2
  3 2C 22 13 18 BD 40 3B 2F C4 65 57 21  5
 15 1C 28 F9 1C D8 35 21 15 BA 65 57 21  6
 1A  A 24 D8 13 FD 37 16  B CC 65 57 21  5
 EC 17 2F  F  C FD 23 23 42  2 64 47 21  6
  0  0  0  0  0  0  0  0  0  0 64  8 40  3
 17  3 21  5 17 1F 35 24 41 2A 24  0 40  3
 2D 2B 2B F8 24 15 1F FC 42 24 24  0 40  3
  D  F 31  D 24 17 2D 16 32 32 24  0 40  3
 17 F2 1F  5 22 1C 30 28 35 36 24  0 40  3
 FE  6 15  5 2A 19 2E 23 48 2F 24 37 40  3
 23 10  A 13 26 F1  D 37 65 B9 24 47 40  3
  5  7 22 3F 12 BD 3E 1E  5 C5 65 4F 21  6
  7  E 28 2B 1E C0 34 33 20 BA 65 57 21  5
 FB 2F 22 1D 1E C1 46 27 17 C3 65 57 21  6
 F4 26 2D 1B 2E BA 34 37 24 BC 65 57 21  5
 E5 1B 41 12 2C B3 3F 36 1C C5 65 4F 21  6
 F1 1E 37 1B 21 B9 33 39 23 C0 65 57 21  5
 F8 23 12 2D 21 C3 3E 29 F8 C9 65 57 21  6
  C FA  2 3F 40 B9 22 1C  8 DD 65 57 21  5
 25 F8 2F 37 33 CB 38 D4 E3 23 65 57 21  6
 28 F2 23 36 5A AE 24 ED F8 16 65 4F 21  5
  9  E  F 3B 39 CB D1  9 48 E0 65 4F 21  6
 16  9 1B  F 4D DB B2 25 43 E7 65 4F 20  6
 1A  9 23 14 49 FA  D  1 F7 E7 65 57 1D  6
  A  6 1C  1 54 E5 1A F1 19 FB 65 5A 1D  7
  2  D 13  0 53 FD 17 DB 25 FA 65 5A 1D  7
 11 10  3 16 4D FE 17 D2 24  6 65 5A 1D  6
 12  E 15  A 4B F5 31 C4 13 17 65 5A 1D  7
 1C  A 15  5 53  9  9 C8 23 1A 65 5A 1D  6
 16 22 1F  8 40 10 24 CD F9  F 65 5A 1D  7
 20 2D 30 F8 47 1C 16 C5  6  F 65 52 1D  6
 22 1E 21 FD 59 21 20 BB  6  6 65 52 1D  7
  0 1E 22 18 59 22 12 AF 1B 23 65 4A 1D  7
 1F  3 2C 1E 4B F2 F8 B9 40 46 65 4A 1D  7
 20 FB 21 13 43 C4 ED DD 62 50 64 42 1E  7
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #174
 25 F7  6 EF E4 F4  9 DC 22 E5 65 4F 21  6
 23  7 14 FC DC E9  7 D8 26 C7 65 50 21  5
  7 F6 FE E7 E8 DA 24 F7 40 CB 65 57 21  6
  C F4  6 D8 EA E5 1C  8 4B C1 65 57 21  5
 F1  2 F9 D6 F3 FE 2E FD 3F D4 65 58 21  6
  C  4 24  2 50 E0 1F 4D 2D CD 65 5F 21  4
 1D  B 17 19 45 F6  B 40 57 C9 65 5F 21  5
 18 21  B 15 53 F1  D 45 45 CE 65 5F 21  4
 12 1B FE 18 58 D7 32 3E 22 D4 65 5F 21  6
  5 FB 2D  5 35 EC 15 2D 3B C0 65 51 21  5
 17 FE 2C  2 13  5 4E 41 2C F5 24  0 40  3
  A EE  F 1D 1A  D 42 44 51 E5 24  0 40  3
 19 F5 18 F6 1D  F 3F 1D 36 24 24  0 40  3
  B  8 22  1  F 15 42 2A 2A  D 24  0 40  3
  A F9 13 DE 2D 20 44  F 33 32 24  0 40  3
 19  A FE EE  D 16 3C FD 3C 24 24  0 40  3
 19  F  A 28 39 F7 39 DC 29 37 24 33 40  3
 29 15 EE 44 2B  4 29 37 21 CD 65 60 21  3
  A 21 ED 44 51 DD 3A 24 28 DD 65 60 21  4
 19 25 E9 4D 42 D9 41 27 21 E3 65 5D 21  6
 10 1F EF 4C 31 D1 55 1D  5 EA 65 5B 21  5
  6 28  8 24 37 D4 3B 13 20 E3 65 4B 21  5
  6 17 2B  E  F E9 51 15 2E 20 24  0 40  3
 24  C 21 FD  9  1 49 14 31 19 24  0 40  3
 2B  D 1C EC  9  A 5E 1E 31  F 24  0 40  3
  E  5 12 F4 1A 13 44 17 2F 25 24  0 40  3
  B  6 F6 FC 10 16 38 19 3B 20 24  0 40  3
 14 F0  1  7  3 17 2F  C 34 33 24  0 40  3
  8 1D 2D 1A 47  2 EB  E 27  5 24 2F 40  3
 1F 2C  C 1A 4C F3 25 2C 32 CC 65 5F 1D  6
  7 35 FB 1A 4D  D 11 1F 48 D1 65 5F 1D  6
 20 34 F3 11 4F 2A  A FF 51 D7 65 59 1D  7
 2B  B 23 13 4F 1D  F FD 47 D5 65 57 1D  7
  A  4 21 1A 47 D4  8 36 30  D 65 4F 1E  6
 29 1A 25 1D 4F FA  8 26 3B F0 24  0 40  3
 13 FC 30  F 33  7 3A 33 36  0 24  0 40  3
 25 FC 19 1C 29 F6 30 34 43  2 24  0 40  3
  E F8 19  9 29  5 43 2D 2E 1D 24  0 40  3
 15  7 25  D  8  C 34 17 40 2F 24  0 40  3
  9 E7 1D  7 1B FD 34 2A 3B 1B 24  0 40  3
  4 EE 10 F4 13  E 2F 19 4A 2D 24  0 40  3
 FE F2 29 F3  3 1B 31  3 3F 37 24 44 40  3
 11 1B 25 29 1A E3 48 55 48 16 24 44 40  3
 14  B 34 14 4F  0 F3  B 54 E5 65 5C 1F  6
 FC 15 14 30 4C  1 14 11 47 E2 65 5F 20  6
  A 20 10 36 4F F7 16 1E 47 E1 65 5F 21  4
  E 23  C 3A 51 F4 1F 22 43 DF 65 5F 21  6
 10 2B 1B 26 53  B  A 17 57 DC 65 5C 21  5
 1A  7 29 1A 61 F9  2 2E 4F DF 65 5C 21  5
 18 FD 29 14 67  3 F7 2E 54 DC 65 58 21  6
  D F8 35  D 66 F6 FF 37 4A E4 65 57 21  5
  7 FB 37 18 60 EB  2 35 56 E5 65 54 21  5
 FA FD 37 11 52 FA EE 3E 63 E5 65 54 21  5
  3  9 29  7 4F  7 FA 29 53 E0 65 54 21  6
  8  7 1A 1B 51  8  E 34 31 E5 65 54 22  5
 11  5 23  F 56 F1 18 43 24 F0 65 54 21  6
 11  5 23  F 56 F1 18 43 24 F0 65  0 21  6
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

```
SCR #175
  0   0   0   0   0  46  5F  52  77  75  24   4  40   3
  0   0   0   0  7D  4C  40  63  75  66  24  3A  40   2
  0   0   0   0  55  28  4B  50  77  71  24  43  40   2
  0   0   0  4C  4D  21  4E  50  6C  6F  24  43  40   3
 24  18  24  D7  FC  13  50  48  68  70  24  46  40   2
 19  23  29  25  18  B8  FA  11  6A  57  65  5F  21   4
 11  13  1B  35  38  B4  DD  2B  70  50  65  5E  21   6
 18  F1  1F  34  3B  BE  D4  21  6D  53  65  5E  21   4
 1A  E6   F  33  42  C6  D7   D  6D  54  65  5C  21   6
  F  EA  11  24  49  C7  DF  F7  6B  50  65  5B  21   6
  E   E  F7  26  18  ED   F  D4  1A  1D  65  59  21   6
 FD   7  20   D   5  F7   E  D9  17  C9  65  59  21   4
 FB   7  13  2C  F2  F9  1A  C5  1C  D4  65  58  21   6
  5  FC  2A  21  EF  FB   E  CA  21  DF  65  58  21   5
  7   1  1E  35  E9  F1  1D  C3  25  E4  65  58  21   6
 FB  27  2A  17  F8  D6   E  FB  49  2E  65  5E  20   6
 1B  E5  15  28  4B  CA  DE  FB  64  53  65  59  20   6
 1F  E7  16  19  54  D9  C4   8  6E  4C  65  54  21   5
 24  ED   4  18  54  D9  CC  F6  67  55  65  57  21   6
 27  FA  F5   1  5F  E3  D7  D2  63  57  65  54  21   4
 1A  F8  EC  FE  5B  E8  BF  CE  57  4F  65  4F  21   6
  A  1E  F0  F5  F8  DA  30  3C  62  62  24  4C  40   3
  0   0   0  F5  4C  45  5D  43  6C  6B  24  3C  40   3
  0   0   0  5B  39  3A  3C  52  69  6A  24  3C  40   3
  0   0   0  66  41  46  49  46  6C  6E  24  30  40   3
  0   0   0  49  3F  3F  30  57  6F  6D  24  40  40   2
  0   0   0  4C  30  34  31  50  75  6D  24  41  40   3
  0   0   0   0  30  6E  48  5A  75  69  24  37  40   3
 19  14  1E  2E  26  B2  FC  26  64  51  65  5A  21   5
 16   C  26  41  2D  D1  D4   5  64  4A  65  5C  21   5
  2   6  1E  35  48  CA  D5   0  67  50  65  5A  21   6
 15  F3   C  2D  4F  CA  DD  EF  68  57  65  5B  21   4
 2E  F4  F9  13  54  F0  E4  C5  60  5B  65  59  21   4
 26  F7  E4  11  56   3  DA  C2  63  57  65  57  21   6
 18  FC  E6   7  47  18  F1  B3  51  50  65  54  21   5
  7  FA  E4  21  3B  EE  F3  EC   D  DE  65  53  21   5
 F7   B  2D  FA  20  EE   6  CA  F5  D4  65  53  21   6
 F3  FA  1D   9  19  F2   6  D1  FD  C0  65  54  20   6
  7  F9  F0  F8  1E  F7  2C  CD  11  C4  65  58  1E   7
 12  FC   3   A   5  ED   6  FB  52  EE  65  58  1D   7
  A  F5   7  17  45  D0  FF  14  67  4D  65  5D  1D   7
 37  E3  FB   9  4D  E2  EE  15  63  56  65  5B  1D   7
 30  EB   7  ED  51  F9  E5   5  65  5A  65  5A  1D   7
 1E   7   4  DB  59  F9  E9  FA  65  5E  65  5F  1D   7
 19   2  13  CA  53   C  F4  E1  54  5F  65  5C  1D   7
 FB   6  18  BA  23  49   E  B5  51  4A  65  5A  1D   7
  C   3   3  CB  30  1D  F1  BE  32  58  65  58  1D   7
 1B  FB   8  CD  35  E4  EF   D  64  5C  24   0  40   3
  0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

SCR #176

20	1D	2B	8	27	16	46	1F	3A	66	24	40	40	3
21	5	15	EB	23	C5	E9	2D	5D	69	24	40	40	2
1D	A	1E	F0	A	D2	DE	18	76	53	65	59	1D	5
23	13	11	F6	B	CC	E1	B	71	5A	65	57	1D	6
37	4	10	FD	F7	E1	DC	EA	74	5C	65	56	1D	7
1D	6	2E	F2	18	E7	C7	CE	61	62	65	4E	1D	6
2F	5	28	B	1C	E9	C3	BD	6E	56	65	4D	1D	6
23	F9	EF	F6	3	E5	0	F1	49	4C	24	0	40	3
B	6	FB	E	21	16	3C	3	46	46	24	0	40	3
C	0	2	C	24	19	2E	A	46	39	24	0	40	3
FE	F5	1E	15	2A	FA	2D	10	43	44	24	0	40	3
10	E	4	A	15	7	30	10	45	2C	24	0	40	3
14	DF	1	5	1C	19	24	18	4D	25	24	0	40	3
3D	F3	F8	28	41	E	2A	32	58	3B	24	4D	40	3
19	5	23	E9	21	CC	EB	10	5F	44	65	59	1D	6
10	15	18	F6	28	D1	E6	25	75	40	65	60	1D	5
30	F7	2C	F7	1A	D2	F1	23	69	53	65	59	1D	7
26	F2	3F	DB	2A	D3	E2	24	6E	5C	65	51	1D	6
22	FC	36	DB	2C	CD	D6	22	74	56	65	57	1D	6
1F	1D	28	E2	2E	E1	C2	D5	72	4C	65	49	1D	6
1F	21	29	FD	FD	CC	D8	E2	5C	49	65	4A	1D	6
1D	ED	1B	EC	18	1D	18	8	6E	4E	24	0	40	3
11	F2	9	F1	9	22	2A	9	64	4A	24	0	40	3
13	FF	28	EF	21	4	2C	D	3B	4C	24	0	40	3
FE	E9	16	EF	C	14	29	17	59	37	24	0	40	3
14	2	F	1	14	F	29	12	45	34	24	0	40	3
E	FB	17	FA	F	1A	24	A	53	34	24	0	40	3
32	1	B	D	B	E2	34	39	3A	49	24	4C	40	3
1E	2D	15	1C	A	D3	49	EB	2A	36	64	64	22	6
13	E	37	1D	1A	CF	33	3F	21	F2	65	60	21	6
15	1E	21	1E	D	C9	63	11	C	FD	65	5F	21	6
8	8	24	2E	1F	B5	39	45	2B	CC	65	5C	21	6
FD	20	E	18	26	B3	50	3A	F2	D4	65	5C	21	5
E	FA	1E	E0	19	C4	48	60	40	AE	65	55	21	5
9	16	19	F3	1A	7	2F	17	12	D	24	0	40	3
13	13	10	FB	19	8	3A	17	17	12	24	0	40	3
16	C	23	13	5	FE	3A	22	32	FE	24	0	40	3
9	8	E3	C	35	10	36	19	30	25	24	0	40	3
3	FB	F5	6	1C	26	2C	A	41	23	24	0	40	3
18	F4	FF	F6	29	1	2C	24	4B	22	24	0	40	3
13	1F	40	F8	14	28	39	4C	50	B0	24	4B	40	3
F9	A	21	18	33	1A	36	23	12	F8	65	45	21	5
10	16	F	4	EF	B4	5A	49	F4	D4	65	55	21	6
14	27	11	F9	E5	C2	60	4D	F8	D3	65	53	21	6
1C	1E	1A	A	EC	B1	52	5C	19	BC	65	52	21	5
17	22	20	F9	0	AA	48	54	22	B7	65	4D	21	6
F9	20	23	FC	1	AC	2C	56	3C	AF	65	4A	21	6
17	F	21	E9	EF	B2	2F	60	5F	A9	65	4C	21	6
17	F	21	E9	EF	B2	2F	60	5F	A9	65	0	21	6
0	0	0	0	0	0	0	0	0	0	0	0	0	0

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SCR #177
 24 2F 1D E5 56 26 E8 F6 20 CD 65 44 1F  7
 24 32 14 F2 61  8 F6  9 FA DA 65 51 1E  7
 24 39 13  6 5D E5 1E  1 DF FB 65 51 1D  7
 1C 3C 15  D 5C DA 27 FB DD  8 65 51 1D  7
 1B 33 26  2 5A E3 1B  D E3 EB 65 50 1D  6
 32  9 3E  C 3B 1C  6 F5 2D B2 65 51 1D  6
 33 E9 29 F8 55 DF 13 2C 1B EA 65 58 1D  6
 13 18 F5 39 3C 31 20 16 5E CA 65 58 1D  6
  7 16  9 2F 48 41  9 25 60 C7 65 58 1D  6
  A 22  6 2E 45 47 F6 1F 69 CF 65 58 1D  6
 22 1A FA 30 3D 48 EC 2E 69 D0 65 58 1D  6
 29 2A DF 31 3D 40 F4 23 6E D0 65 54 1D  7
 24 2F 1D E5 56 26 E8 F6 20 CD 65 50 1E  6
 24 32 14 F2 61  8 F6  9 FA DA 65 50 1E  7
 24 39 13  6 5D E5 1E  1 DF FB 65 50 1D  7
 1C 3C 15  D 5C DA 27 FB DD  8 65 50 1D  7
 1B 33 26  2 5A E3 1B  D E3 EB 65 50 1D  7
 32  9 3E  C 3B 1C  6 F5 2D B2 65 51 1D  6
 33 E9 29 F8 55 DF 13 2C 1B EA 65 5C 1D  6
 13 18 F5 39 3C 31 20 16 5E CA 65 5C 1D  6
  7 16  9 2F 48 41  9 25 60 C7 65 5C 1D  6
  A 22  6 2E 45 47 F6 1F 69 CF 65 58 1D  6
 22 1A FA 30 3D 48 EC 2E 69 D0 65 58 1D  6
 29 2A DF 31 3D 40 F4 23 6E D0 65 54 1D  7
 31 11 F3 18 34 47 E6 3B 67 C9 65 54 1D  7
  B 22 FD  3 35  D E4 3C 5A C2 65 57 1D  7
 27 EB 17  8 E7 CF  C EF 53 D6 65 4B 1D  7
 24 D4 12 16 EE D2 1D D1 3B E2 65 4C 1D  7
 1D  E F6 12 DF E2 13 E7 39 C7 65 4F 1D  7
  F DE 39 ED D3 D7 21  D 4B CF 65 4B 1D  6
 17 D6 2C 11 CE C3 32  0 55 CB 65 4A 1D  6
 10 EB 26 18 1F  4  4 21 4E BF 65 5B 1D  6
 2B 12 F7 14 42 2B FB 2B 6B C8 65 5C 1D  6
 34  C F6 1F 45 30  3 1D 6F CB 65 5D 1D  6
 34 11 FA 11 4A 35 F3 30 6B CB 65 5E 1D  6
 39 12 F8 16 40 32 FB 2B 6E C8 65 5E 1D  6
 32  7  D  4 41 31 F0 35 6E C2 65 5C 1D  6
 17  4 17 F3 4A  F E7 32 6B BC 65 56 1D  6
 F4 FE F6 18 DF EA FE FE 62 BC 65 49 1D  7
 21 D7  C  2 DA E8 20 F6 49 CA 65 4C 1D  7
  1 DD  F 1C CF CC 33 FE 55 C7 65 48 1D  6
  D D9  C 19 D4 CB 39 F8 51 C7 65 49 1D  7
  8 DF 23  D CD D2 33 F0 46 C9 65 4B 1D  7
  3 E7 11 1A D6 C1 39 F2 52 C6 65 4A 1D  7
 24  9 1D FB 55  8 EF 39 66 BE 65 59 1D  6
 33  F  2 11 48 1E  7 2D 6E C7 65 5D 1D  7
 2E 16  9  2 50 18  F 25 6F CB 65 5B 1E  6
 2C 12 11 F3 55 14  B 2F 6E D0 65 5A 1E  6
 2D 19  3  0 4A 25 FD 32 6F CE 65 58 1E  6
 31 2E FF E8 38 31  5 12 76 C9 65 53 1D  6
 16 FD 28 E2 29 22 FB 30 69 CA 65 50 1D  6
  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

SCR #178

1E	14	1B	FB	1C	8	1D	FD	2C	2B	24	44	40	3
5	18	28	31	4	DF	2C	33	3	A9	65	52	21	6
2E	2B	16	39	EE	DB	55	20	DF	BC	65	50	21	5
1E	2D	D	29	29	BC	48	31	F4	AE	65	50	21	5
18	34	20	39	22	C3	8	39	41	9C	65	48	21	6
17	34	23	22	F1	BF	56	24	E5	C9	65	4A	21	6
12	F6	4	FD	11	6	1D	EF	F6	FA	24	0	40	3
F3	4	18	6	30	4	1D	1	2A	33	24	0	40	3
8	F9	1C	18	13	14	25	9	43	36	24	0	40	3
FE	13	1C	FB	2A	FE	33	E	32	32	24	0	40	3
F9	F5	13	C	26	1E	15	13	47	2C	24	0	40	3
1D	9	18	6	33	EE	37	B	23	37	24	44	40	3
1B	11	20	36	EA	DC	5C	FB	D5	DB	65	54	21	6
22	14	14	40	7	C7	4C	30	EE	AE	65	50	21	5
20	13	7	44	FA	C1	4B	38	E3	BF	65	50	21	6
FC	31	17	11	12	BF	3D	48	FA	B3	65	50	21	5
EF	14	3D	F4	FD	EE	1	4D	36	A3	65	50	21	6
7	6	3B	B	DB	6	FC	41	3D	A0	65	50	21	5
10	14	2B	F8	4	F6	EF	3B	3F	9D	65	50	21	6
A	F2	30	B	E7	6	D	12	24	A5	65	50	21	5
8	27	22	E0	6	F7	4	C8	FC	DA	65	50	21	6
7	1E	45	E2	14	EB	FB	BC	2	DE	65	50	21	3
E	28	3C	1A	12	DA	F7	BE	7	D4	65	50	21	6
F4	34	30	3E	FF	EA	F0	BC	8	D4	65	4F	20	6
FB	D	19	13	2D	EC	B	C1	F7	D4	65	57	1E	6
0	12	8	1B	4C	F2	FC	E0	31	F0	65	5F	1E	6
14	14	18	F8	53	EF	ED	E6	4C	C	65	5A	1E	6
F8	21	15	F8	51	F2	FF	E7	29	F	65	60	1E	6
3	18	13	5	4D	E2	20	D1	1D	39	65	60	1E	6
9	21	A	9	4F	E3	16	CD	2F	43	65	5A	1D	7
14	17	7	8	50	F8	1A	C0	1F	40	65	5A	1D	7
26	7	F	7	59	F4	7	C2	31	3A	65	5A	1D	7
34	F5	1	F	5F	4	5	BB	29	3C	65	57	1D	7
22	8	F0	2	5F	21	6	BB	17	24	65	57	1D	6
20	EF	C	FE	63	11	FC	B7	2D	33	65	52	1D	7
8	6	16	6	5A	14	9	B6	15	2B	65	50	1D	7
1A	FD	19	19	53	E3	E7	C9	4C	4D	65	4A	1D	6
FE	D	5	16	4B	CC	EE	CD	53	51	65	47	1D	6
FE	D	5	16	4B	CC	EE	CD	53	51	65	0	1D	6
0	0	0	0	0	0	0	0	0	0	0	0	0	0

SOUND DATA

Paul DeMarinis 12/2/85
"KOKOLE" © 1985

TONE NAME	CARTRIDGE NO.	TONE NO.
KOKOLE 1 (of 6)	1	1

PARAMETER

LINE SELECT	MODULATION RING	MODULATION NOISE	DETUNE +/−	DETUNE OCTAVE	DETUNE NOTE	DETUNE FINE	VIBRATO WAVE	VIBRATO DELAY	VIBRATO RATE	VIBRATO DEPTH	OCTAVE +/−	OCTAVE RANGE
1+2'	ON	OFF	+	1	00	00	1	00	00	00		0
(1,2,1+2',1+1')	(ON/OFF)		(+/−)	(0~3)	(0~11)	(0~60)	(1~4)	(0~99)	(0~99)	(0~99)	(+/−)	(0~1)

1

DCO 1

WAVE FORM FIRST	WAVE FORM SECOND
1	0
(1~8)	(0~8)

E N V (PITCH)

STEP	1	2	3	4	5	6	7	8	
RATE	99	77							(0~99)
LEVEL	53	00							(0~99)
SUS/END		END							

DCW 1

KEY FOLLOW
9
(0~9)

E N V (WAVE)

STEP	1	2	3	4	5	6	7	8	
RATE	67								(0~99)
LEVEL	00								(0~99)
SUS/END	END								

DCA 1

KEY FOLLOW
9
(0~9)

E N V (AMP)

STEP	1	2	3	4	5	6	7	8	
RATE	98	36							(0~99)
LEVEL	99	00							(0~99)
SUS/END		END							

2

DCO 2

WAVE FORM FIRST	WAVE FORM SECOND
1	0
(1~8)	(0~8)

E N V (PITCH)

STEP	1	2	3	4	5	6	7	8	
RATE	99	68							(0~99)
LEVEL	33	00							(0~99)
SUS/END		END							

DCW 2

KEY FOLLOW
2
(0~9)

E N V (WAVE)

STEP	1	2	3	4	5	6	7	8	
RATE	99								(0~99)
LEVEL	00								(0~99)
SUS/END	END								

DCA 2

KEY FOLLOW
2
(0~9)

E N V (AMP)

STEP	1	2	3	4	5	6	7	8	
RATE	82	36							(0~99)
LEVEL	99	00							(0~99)
SUS/END		END							

COMMENT

SOUND DATA

TONE NAME	CARTRIDGE NO.	TONE NO.
KOKOLE 2 (of 6)	1	2

PARAMETER

LINE SELECT	MODULATION		DETUNE				VIBRATO				OCTAVE	
	RING	NOISE	+/−	OCTAVE	NOTE	FINE	WAVE	DELAY	RATE	DEPTH	+/−	RANGE
1+2'	ON	OFF	+	0	01	00	1	00	00	00		0
(1,2,1+2',1+1')	(ON/OFF)		(+/−)	(0~3)	(0~11)	(0~60)	(1~4)	(0~99)	(0~99)	(0~99)	(+/−)	(0~1)

1

DCO 1

WAVE FORM	
FIRST	SECOND
4	0
(1~8)	(0~8)

E N V (PITCH)									
STEP	1	2	3	4	5	6	7	8	
RATE	99	77							(0~99)
LEVEL	53	00							(0~99)
SUS/END		END							

DCW 1

KEY FOLLOW	
9	(0~9)

E N V (WAVE)									
STEP	1	2	3	4	5	6	7	8	
RATE	67								(0~99)
LEVEL	00								(0~99)
SUS/END	END								

DCA 1

KEY FOLLOW	
9	(0~9)

E N V (AMP)									
STEP	1	2	3	4	5	6	7	8	
RATE	98	36							(0~99)
LEVEL	99	00							(0~99)
SUS/END		END							

2

DCO 2

WAVE FORM	
FIRST	SECOND
4	0
(1~8)	(0~8)

E N V (PITCH)									
STEP	1	2	3	4	5	6	7	8	
RATE	99	68							(0~99)
LEVEL	33	00							(0~99)
SUS/END		END							

DCW 2

KEY FOLLOW	
2	(0~9)

E N V (WAVE)									
STEP	1	2	3	4	5	6	7	8	
RATE	99								(0~99)
LEVEL	00								(0~99)
SUS/END	END								

DCA 2

KEY FOLLOW	
2	(0~9)

E N V (AMP)									
STEP	1	2	3	4	5	6	7	8	
RATE	82	36							(0~99)
LEVEL	99	00							(0~99)
SUS/END		END							

COMMENT

SOUND DATA

PARAMETER	TONE NAME	CARTRIDGE NO.	TONE NO.
	KOKOLE 3 (of 6)	1	3

LINE SELECT	MODULATION		DETUNE				VIBRATO				OCTAVE	
	RING	NOISE	+/−	OCTAVE	NOTE	FINE	WAVE	DELAY	RATE	DEPTH	+/−	RANGE
1+1′	OFF	OFF	+	1	01	00	1	00	00	00		0
(1,2,1+2′,1+1′)	(ON/OFF)		(+/−)	(0~3)	(0~11)	(0~60)	(1~4)	(0~99)	(0~99)	(0~99)	(+/−)	(0~1)

1

DCO 1

WAVE FORM	
FIRST	SECOND
4	0
(1~8)	(0~8)

E N V (PITCH)									
STEP	1	2	3	4	5	6	7	8	
RATE	99	77							(0~99)
LEVEL	53	00							(0~99)
SUS/END		END							

DCW 1

KEY FOLLOW	
9	(0~9)

E N V (WAVE)									
STEP	1	2	3	4	5	6	7	8	
RATE	67								(0~99)
LEVEL	00								(0~99)
SUS/END	END								

DCA 1

KEY FOLLOW	
9	(0~9)

E N V (AMP)									
STEP	1	2	3	4	5	6	7	8	
RATE	98	58							(0~99)
LEVEL	99	00							(0~99)
SUS/END		END							

2

DCO 2

WAVE FORM	
FIRST	SECOND
4	0
(1~8)	(0~8)

E N V (PITCH)									
STEP	1	2	3	4	5	6	7	8	
RATE	99	68							(0~99)
LEVEL	33	00							(0~99)
SUS/END		END							

DCW 2

KEY FOLLOW	
2	(0~9)

E N V (WAVE)									
STEP	1	2	3	4	5	6	7	8	
RATE	99								(0~99)
LEVEL	00								(0~99)
SUS/END	END								

DCA 2

KEY FOLLOW	
2	(0~9)

E N V (AMP)									
STEP	1	2	3	4	5	6	7	8	
RATE	82	50							(0~99)
LEVEL	99	00							(0~99)
SUS/END		END							

COMMENT

SOUND DATA

TONE NAME	CARTRIDGE NO.	TONE NO.
KOKOLE 4 (of 6)	1	4

PARAMETER

LINE SELECT	MODULATION		DETUNE				VIBRATO				OCTAVE	
	RING	NOISE	+/−	OCTAVE	NOTE	FINE	WAVE	DELAY	RATE	DEPTH	+/−	RANGE
1+2'	OFF	OFF	+	1	01	09	1	00	00	00		0
(1,2,1+2',1+1')	(ON/OFF)		(+/−)	(0~3)	(0~11)	(0~60)	(1~4)	(0~99)	(0~99)	(0~99)	(+/−)	(0~1)

1

DCO 1

WAVE FORM	
FIRST	SECOND
4	0
(1~8)	(0~8)

E N V (PITCH)									
STEP	1	2	3	4	5	6	7	8	
RATE	99	77							(0~99)
LEVEL	53	00							(0~99)
SUS/END		END							

DCW 1

KEY FOLLOW	
9	(0~9)

E N V (WAVE)									
STEP	1	2	3	4	5	6	7	8	
RATE	67								(0~99)
LEVEL	00								(0~99)
SUS/END	END								

DCA 1

KEY FOLLOW	
9	(0~9)

E N V (AMP)									
STEP	1	2	3	4	5	6	7	8	
RATE	98	38							(0~99)
LEVEL	99	00							(0~99)
SUS/END		END							

2

DCO 2

WAVE FORM	
FIRST	SECOND
4	0
(1~8)	(0~8)

E N V (PITCH)									
STEP	1	2	3	4	5	6	7	8	
RATE	99								(0~99)
LEVEL	00								(0~99)
SUS/END	END								

DCW 2

KEY FOLLOW	
2	(0~9)

E N V (WAVE)									
STEP	1	2	3	4	5	6	7	8	
RATE	99								(0~99)
LEVEL	60								(0~99)
SUS/END	END								

DCA 2

KEY FOLLOW	
2	(0~9)

E N V (AMP)									
STEP	1	2	3	4	5	6	7	8	
RATE	82	56							(0~99)
LEVEL	99	00							(0~99)
SUS/END		END							

COMMENT

SOUND DATA

TONE NAME	CARTRIDGE NO.	TONE NO.
KOKOLE 5 (of 6)	1	5

PARAMETER

LINE SELECT	MODULATION		DETUNE				VIBRATO				OCTAVE	
	RING	NOISE	+/−	OCTAVE	NOTE	FINE	WAVE	DELAY	RATE	DEPTH	+/−	RANGE
1+2'	ON	OFF	+	3	01	09	1	00	00	00		0
(1,2,1+2',1+1')	(ON/OFF)		(+/−)	(0~3)	(0~11)	(0~60)	(1~4)	(0~99)	(0~99)	(0~99)	(+/−)	(0~1)

1

DCO 1

WAVE FORM	
FIRST	SECOND
4	0
(1~8)	(0~8)

E N V (PITCH)									
STEP	1	2	3	4	5	6	7	8	
RATE	99	77							(0~99)
LEVEL	53	00							(0~99)
SUS/END		END							

DCW 1

KEY FOLLOW	
9	(0~9)

E N V (WAVE)									
STEP	1	2	3	4	5	6	7	8	
RATE	67								(0~99)
LEVEL	00								(0~99)
SUS/END	END								

DCA 1

KEY FOLLOW	
9	(0~9)

E N V (AMP)									
STEP	1	2	3	4	5	6	7	8	
RATE	98	38							(0~99)
LEVEL	99	00							(0~99)
SUS/END		END							

2

DCO 2

WAVE FORM	
FIRST	SECOND
4	0
(1~8)	(0~8)

E N V (PITCH)									
STEP	1	2	3	4	5	6	7	8	
RATE	99								(0~99)
LEVEL	00								(0~99)
SUS/END	END								

DCW 2

KEY FOLLOW	
2	(0~9)

E N V (WAVE)									
STEP	1	2	3	4	5	6	7	8	
RATE	99								(0~99)
LEVEL	00								(0~99)
SUS/END	END								

DCA 2

KEY FOLLOW	
2	(0~9)

E N V (AMP)									
STEP	1	2	3	4	5	6	7	8	
RATE	82	56							(0~99)
LEVEL	99	00							(0~99)
SUS/END		END							

COMMENT

SOUND DATA

TONE NAME	CARTRIDGE NO.	TONE NO.
KOKOLE 6 (of 6)	1	6

PARAMETER

LINE SELECT	MODULATION		DETUNE				VIBRATO				OCTAVE	
	RING	NOISE	+/-	OCTAVE	NOTE	FINE	WAVE	DELAY	RATE	DEPTH	+/-	RANGE
1+1'	OFF	OFF	+	3	01	08	1	00	00	00	-	1
(1,2,1+2',1+1')	(ON/OFF)		(+/-)	(0~3)	(0~11)	(0~60)	(1~4)	(0~99)	(0~99)	(0~99)	(+/-)	(0~1)

1

DCO 1

WAVE FORM	
FIRST	SECOND
4	0
(1~8)	(0~8)

E N V (PITCH)									
STEP	1	2	3	4	5	6	7	8	
RATE	99	77							(0~99)
LEVEL	53	00							(0~99)
SUS/END		END							

DCW 1

KEY FOLLOW	
9	(0~9)

E N V (WAVE)									
STEP	1	2	3	4	5	6	7	8	
RATE	67								(0~99)
LEVEL	00								(0~99)
SUS/END	END								

DCA 1

KEY FOLLOW	
9	(0~9)

E N V (AMP)									
STEP	1	2	3	4	5	6	7	8	
RATE	98	39							(0~99)
LEVEL	99	00							(0~99)
SUS/END		END							

2

DCO 2

WAVE FORM	
FIRST	SECOND
4	0
(1~8)	(0~8)

E N V (PITCH)									
STEP	1	2	3	4	5	6	7	8	
RATE	99	68							(0~99)
LEVEL	33	00							(0~99)
SUS/END									

DCW 2

KEY FOLLOW	
2	(0~9)

E N V (WAVE)									
STEP	1	2	3	4	5	6	7	8	
RATE	99								(0~99)
LEVEL	00								(0~99)
SUS/END	END								

DCA 2

KEY FOLLOW	
2	(0~9)

E N V (AMP)									
STEP	1	2	3	4	5	6	7	8	
RATE	88	54							(0~99)
LEVEL	99	00							(0~99)
SUS/END		END							

COMMENT