

HILLS 1

LD HL, (MAX.1)

LD DE, 128

ADD HL, DE

LD A, L

AND 248.

RRA

RRA

RRA

LD B, A

LD A, H

AND A

JP Z

LD B, 32

JP P

LD B, 255

LD HL, (MIN1) ←

ADD HL, DE

LD A, L

AND 248

RRA

RRA

RRA

LD C, A

LD A, H

AND A

JP Z

LD C, 32

JP P

LD C, 255

LD HL, (MAX) ←

ADD HL, DE

LD A, L

AND 248

RRA

RRA

RRA

LD L, A

LD A, H

AND A

JP Z

LD L, 32

JP P

LD L, 255

LD A, L

LD HL, (MIN. 2)

ADD HL, DE

LD D, A

LD A, L

AND 248

RRA

RRA

RRA

LD E, A

LD A, H

AND A

JP Z

LD E, 32

JP P

LD E, 255

LD A, E ←

SUB C

JP P

EX DE, HL

LD D, B

LD E, C

LD B, H

LD C, L

LD A, C ←

AND A

JP P

INC C

LDA, D ←

CP B, D

JP P

LD A, 31

② HLL

LD E, 0

SUB B

LD B, A

JP P

INC B

JP

LD A, 31

SUB D

LD D, A

JP P

INC D

LD A, E

SUB B

DEC A

JP P

SUB A

LD E, A

INC B

LDA, B

LD B, D

LD D, A

LD (LIM1), BC

LD (LIM2), DE

* (RET)

LD (SP1), SP

LD SP, (HLCNT)

LD L, 64

RES 5, L

LD H, 72

DEC C

JP M

POP DE

LD (HL), D

INC H

LD (HL), E

INC H

POP DE

LD (HL), D

INC H

LD (HL), E

INC H

POP DE

POP DE

LD H, 72

SET 5, L

POP DE } x4

INC L

JP

33044

LD HL, (HLCNT)

LD A, 32

LD C, B

SUB B

LDB, A

RLCA

RLCA

RLCA

RLCA

LD E, A

ADD D, 0

RL D

ADD HL, DE

LD SP, HL

LD L, B

SET 6, L

RES 5, L

LD H, 72

DEC C

JP M

JP

33/20

LD BC, (LIM2)

LDA, B

RLCA

RLCA

RLCA

RLCA

LD E, A

LD D, 0

RLD

3 Hill

```
LD HL, (HLCNT)
ADD HL, DE
LD SP, HL
LD L, B
SET 6, L
→ RES 5, L
LD H, 72
DEC C
JP M
INC L
JP
33:96 LD BC, (LIM1)
LD DE, 18848
LD A, C
AND A
LD L, B
LD B, C
JR Z
LD A, 255
→ LD (DE), A
INC DE
DJNZ
LD B, L
DEC B
INC B
JR Z
LD DE, 18879
→ LD (DE), A
DEC DE
DJNZ
```

```
LD BC, (LIM2)
LD HL, 18848
LD E, B
LD B, C
LD D, 0
ADD HL, DE
DEC B
INC B
JR Z
→ LD (HL), A
INC HL
DJNZ
33247 LD SP, (SP1)
(RET)
LD BC, (LIM1)
* LD DE, (LIM2)
LD A, E
AND A
JP NZ
LD A, 31
SUB B
SUB C
INC A
LD B, C
LD C, A
LD E, 0
JP
```

```
LD A, D
SUB C
LD H, B
LD B, C
LD C, A
LD A, D
ADD E
LD D, A
LD A, 31
SUB D
SUB H
INC A
LD E, A
942 LD (LIM3), DE
LD A, B
LD (LIM4), BC (RET)
RLCA
RLCA
RLCA
RLCA
LD E, A
LD D, 0
RL D
LD HL, (HLCNT)
ADD HL, DE
LD SP, HL
LD L, B
```

HILL ④

1111

LD B, C

C, B

LD A, B

LD A, B

AND A

JP Z → SHL2

SET 6, L
LD H, 72

RES 5, L

~~SUB A~~ SUB A

OR (HL)

JP NZ SHL1a

POP DE

LD (HL), E

INC H

OR (HL)

JR NZ

LD (HL), D

INC H

SET 5, L

LD H, 72

x4

INC L

DJNZ

JP SHL2

POP DE

POP DE

etc

INC L

DJNZ JP SHL2

SHL1a DEC B

JP Z SHL2

LD H, B

LD BC, (LIM4)

LD A, B

ADD C

DEC A

RLCA

RLCA

RLCA

RLCA

LDE, A

LD D, 0

RLD

LD B, H

LD HL, (HLCNT)

ADD HL, DE

LD SP, HL

LD (SHCMT), HL

LD L, C

SET 6, L

LD H, 72

RES 5, L

SUB A

SHL2

SET 5, L

LD H, 72

INC H

DEC L

EXX

LD (SP2), SP

LD HL, (SP2)

LD DE, 65506

ADD HL, DE

LD SP, HL

EXX

DJNZ

JP SHL2

POP DE

POP DE

POP DE

EXX

LD (SP2), SP

LD HL, (SP2)

LD DE, 65506

ADD HL, DE

LD SP, HL

EXX

DEC L

DJNZ

SHL2 = SHL1 subs LIM3 for LIM4

LD SP, (SP1)

RET

SCALM DATA
SCREEN DATA
RADAR 2C
RAD RUN 2C

7

13

27

36

44