routine die dotopen/close en dash open/close bepaalt in C

IambicA mode

old=1st bit

nee ← dotpddl==0? → ja → bit==0? → nee → dashpddl==0? → nee

ja

dotpddl=1

print line

ja

dashpddl=1

print line

nee ← beide pddls 1? → ja

squeezed=0

squeezed=1

nee ← bit==old
&&
sqeezed==0? → ja

temp<<=1

ja ← bit==old
&&
sqeezed==1? → nee

ja ← bit==1? → nee

dotpddl=0

dashpddl=0

print line
dotgroup++

print line
dashgroup++

old=bit

nee ← temp&0x80==0?

ja

nee ← paddle closed?

ja

open pdds
print line(s)

EXIT

Reeddriver

routine die dotopen/close en dash open/close bepaalt in C

IambicA mode

old=1st bit

nee — dotpddl==0? — ja — bit==0? — nee — dashpddl==0? — nee

ja

dotpddl=1

print line

ja

dashpddl=1

print line

nee — beide pddls 1? — ja

squeezed=0

squeezed=1

nee — bit==old && sqeezed==0? — ja

temp<<=1

nee — temp&0x80==0?

ja — bit==old && sqeezed==1? — nee

ja

ja — bit==1? — nee

nee — paddle closed?

ja

dotpddl=0

dashpddl=0

open pdds
print line(s)

print line
dotgroup++

print line
dashgroup++

old=bit

EXIT
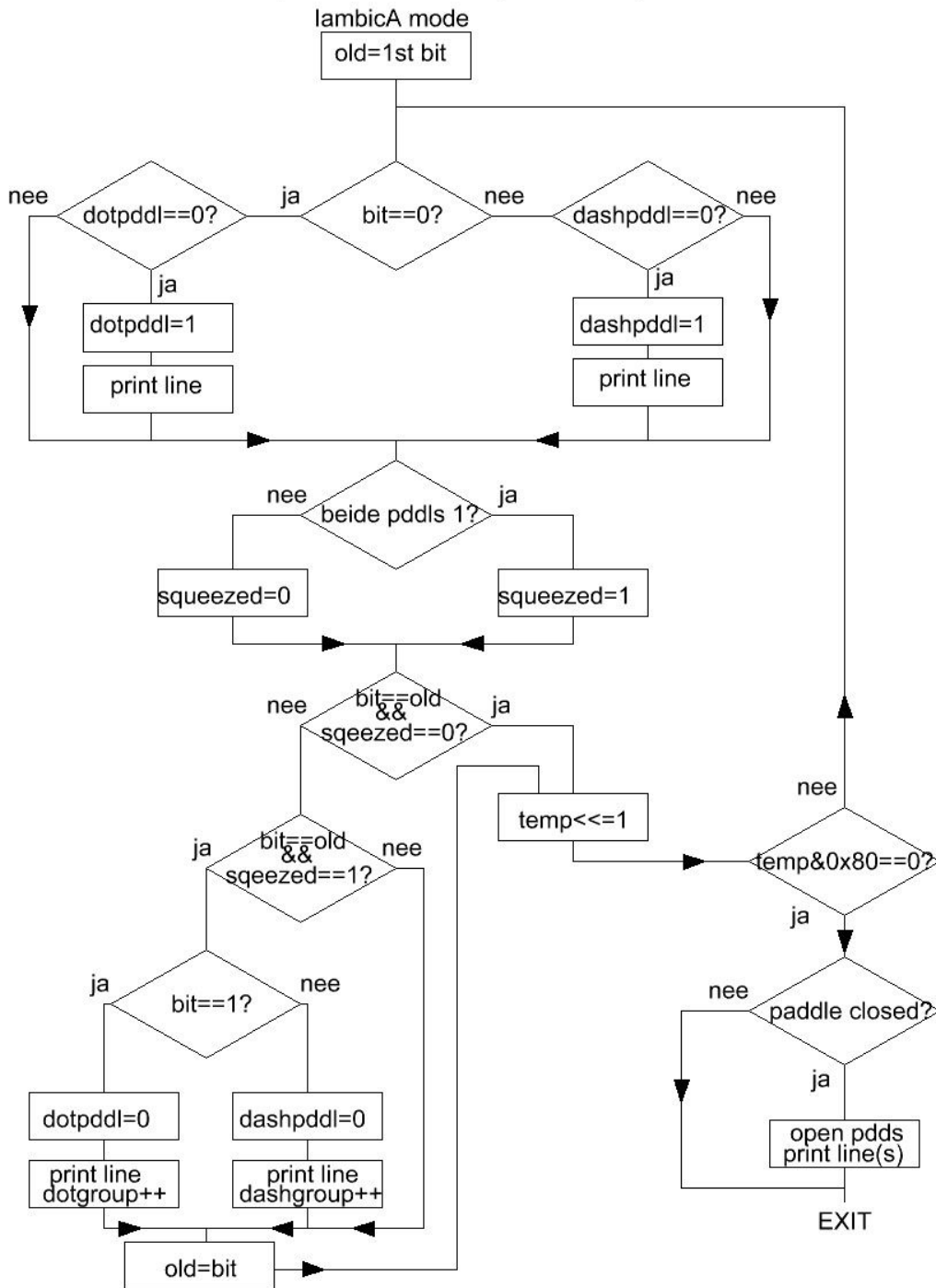
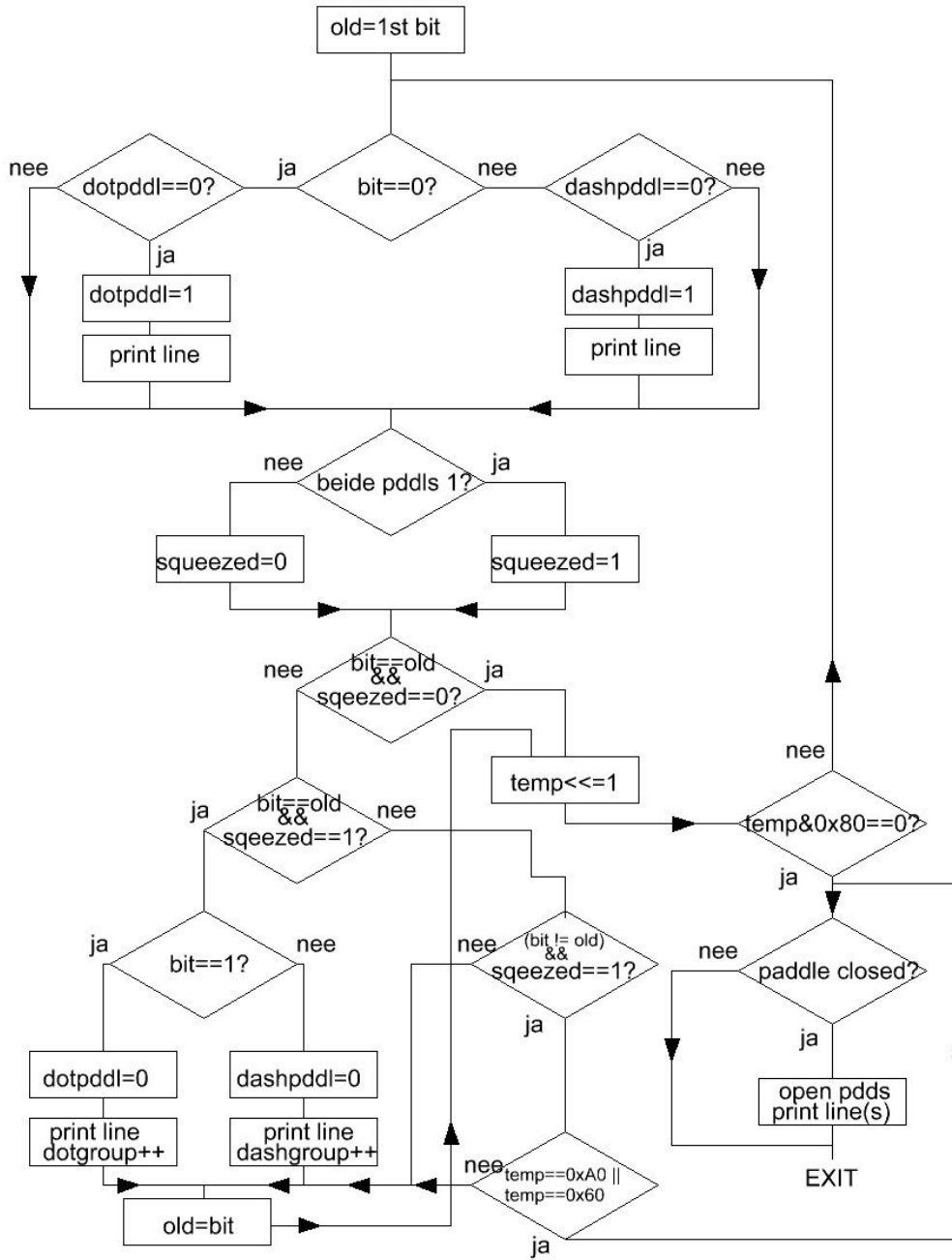**Iambic A mode**

routine die dotopen/close en dash open/close bepaalt in C
IambicB mode

old=1st bit

nee — dotpddl==0? — ja — bit==0? — nee — dashpddl==0? — nee

ja — dotpddl=1 — print line

ja — dashpddl=1 — print line

nee — beide pddls 1? — ja

squeezed=0

squeezed=1

nee — bit==old && sqeezed==0? — ja

temp<<=1

nee — temp&0x80==0?

ja — bit==old && sqeezed==1? — nee

ja

ja — bit==1? — nee

nee — (bit != old) && sqeezed==1? — nee — paddle closed? — nee

ja

dotpddl=0

dashpddl=0

print line dotgroup++

print line dashgroup++

old=bit

nee — temp==0xA0 || temp==0x60

ja

open pdds print line(s)

EXIT

Iambic B mode

routine die dotopen/close en dash open/close bepaalt in C
Dash priority mode

value=0
dotgroup=0
dashgroup=0

nee ← dotpddl==0? → ja   bit==0?   nee   dashpddl==0? → nee

ja   ja

dotpddl=1   dashpddl=1

print line   print line
dot start   dash start

nee   beide pddls 1?   ja

squeezed=0   squeezed=1

ja   bit==0?   nee   nee   bit==0?   ja

value+=20   value+=40   dashgroup++
                                          print line

                                          value+=20

temp<<=1   dashpddl=0

temp&0x80==0?
nee

ja

nee   paddle closed?

ja

group++
open pdds
print line(s)

EXIT
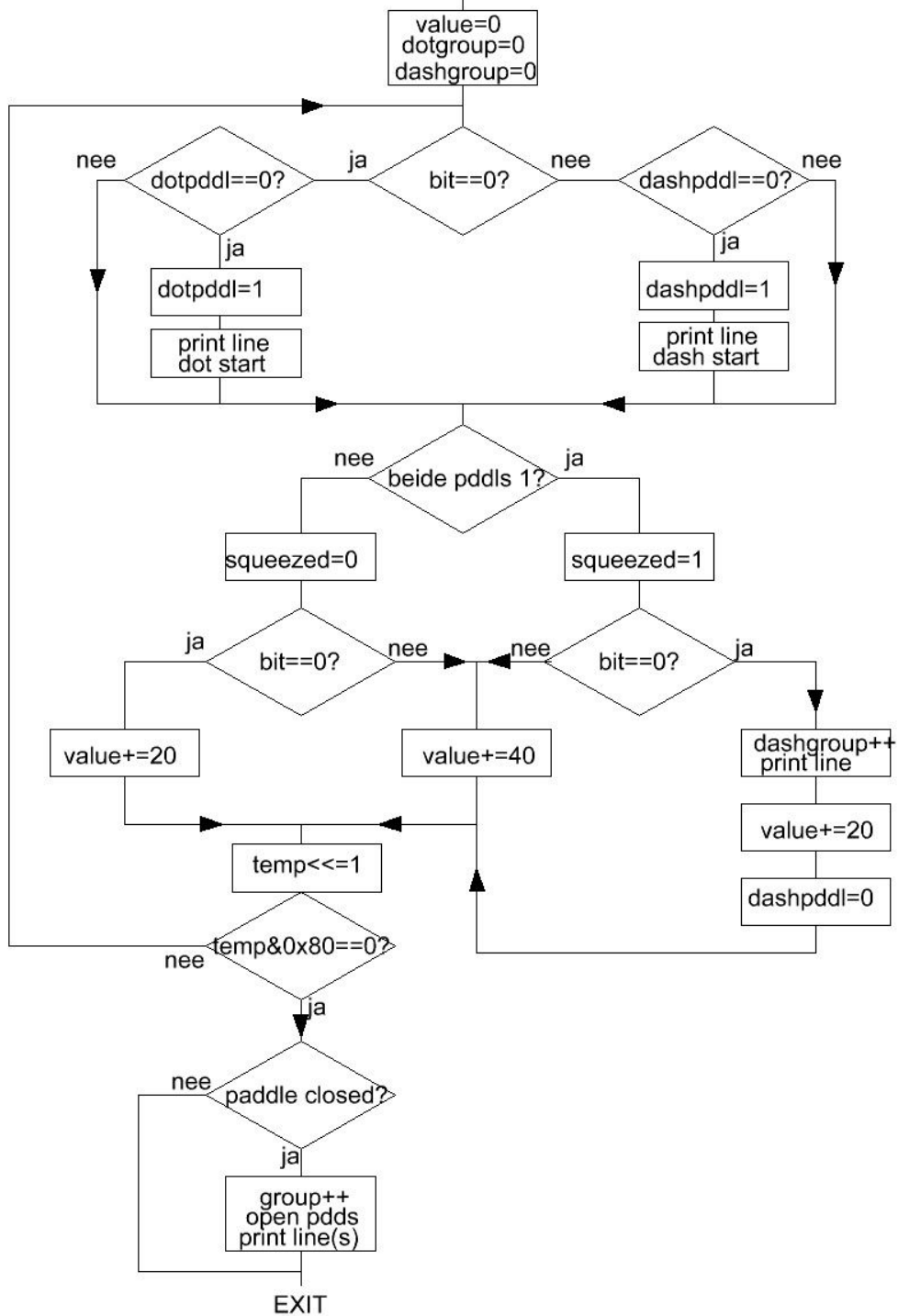
Dash Priority Mode
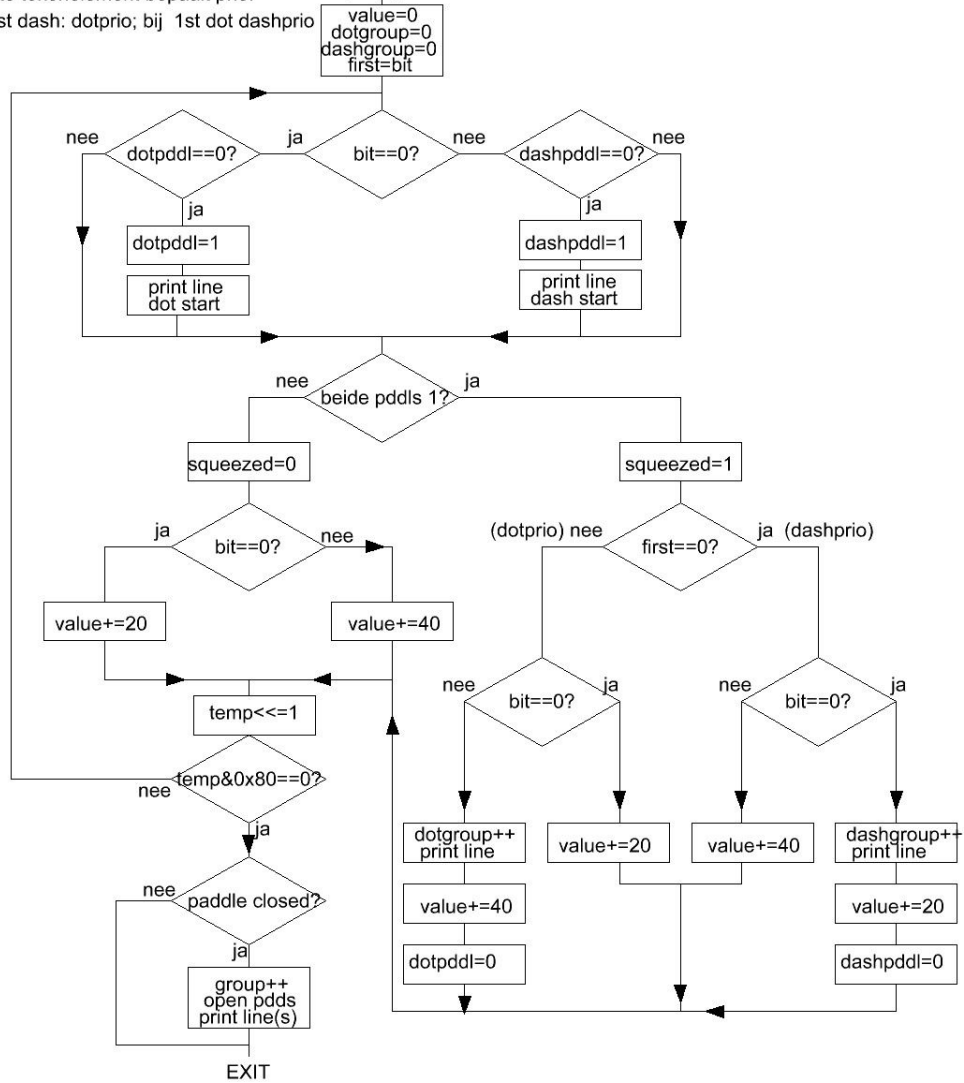
routine die dotopen/close en dash open/close bepaalt in C
Dit priority mode

```
                              ┌──────────────┐
                              │ value=0      │
                              │ dotgroup=0   │
                              │ dashgroup=0  │
                              └──────────────┘

     nee      ◇ dotpddl==0? ◇   ja    ◇ bit==0? ◇   nee   ◇ dashpddl==0? ◇   nee
                    │ ja                                        │ ja
              ┌───────────┐                              ┌────────────┐
              │ dotpddl=1 │                              │ dashpddl=1 │
              └───────────┘                              └────────────┘
              ┌───────────┐                              ┌────────────┐
              │ print line│                              │ print line │
              │ dot start │                              │ dash start │
              └───────────┘                              └────────────┘

              nee   ◇ beide pddls 1? ◇   ja
            ┌────────────┐            ┌────────────┐
            │ squeezed=0 │            │ squeezed=1 │
            └────────────┘            └────────────┘

   nee   ◇ bit==0? ◇   ja        ja   ◇ bit==0? ◇   nee
 ┌───────────┐     ┌───────────┐              ┌──────────────┐
 │ value+=40 │     │ value+=20 │              │ dotgroup++   │
 └───────────┘     └───────────┘              │ print line   │
                                              └──────────────┘
                   ┌───────────┐              ┌──────────────┐
                   │ temp<<=1  │              │ value+=40    │
                   └───────────┘              └──────────────┘
                                              ┌──────────────┐
           ◇ temp&0x80==0? ◇                  │ dotpddl=0    │
     nee          │ ja                        └──────────────┘

     nee   ◇ paddle closed? ◇
                 │ ja
          ┌──────────────┐
          │ group++      │
          │ open pdds    │
          │ print line(s)│
          └──────────────┘

              EXIT
```
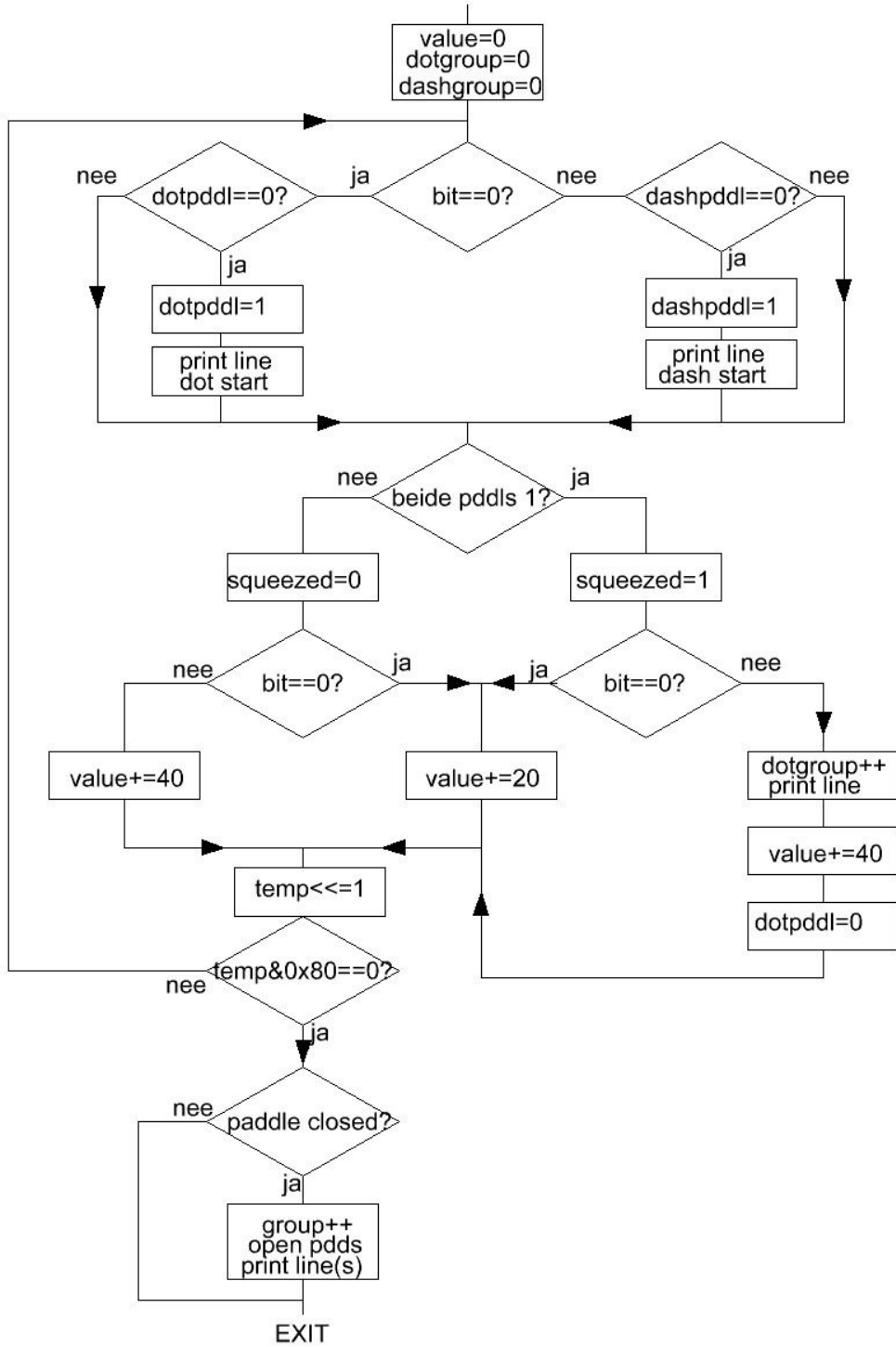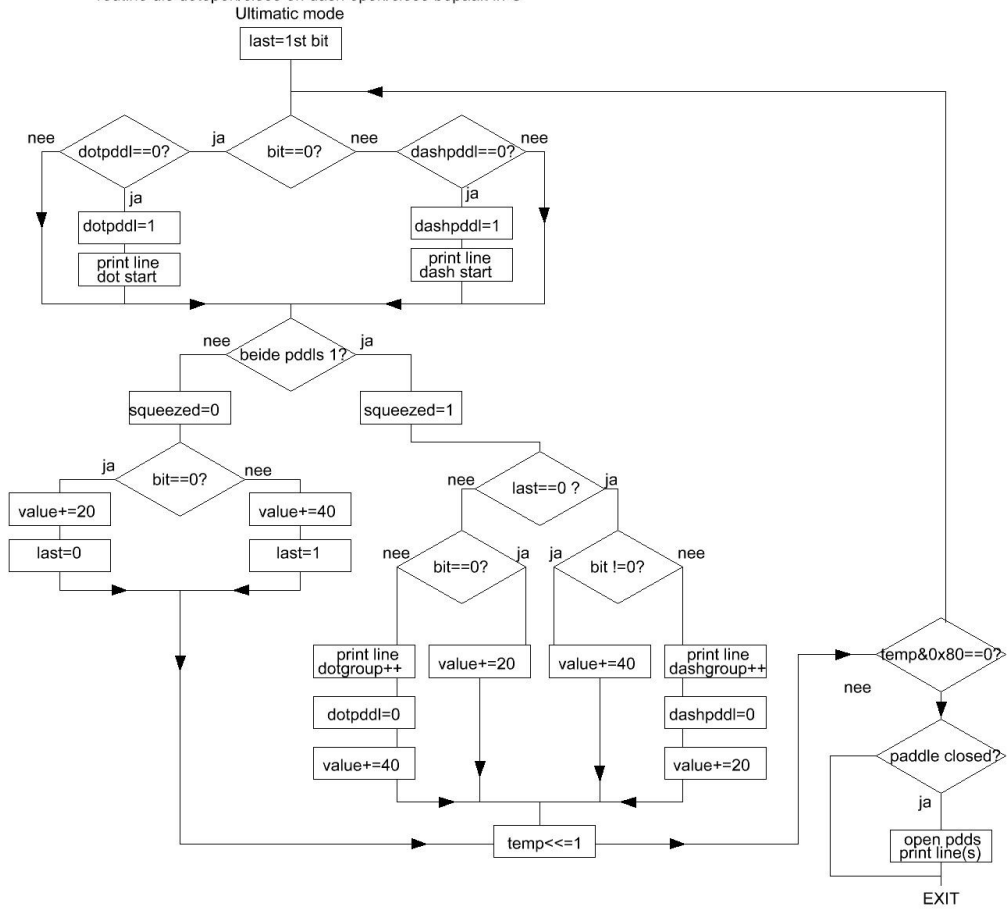
Dot priority Mode

routine die dotopen/close en dash open/close bepaalt in C

eerste tekenelement bepaalt prio.
bij 1st dash: dotprio; bij 1st dot dashprio

Alt priority mode

value=0
dotgroup=0
dashgroup=0
first=bit

dotpddl==0? nee ... ja bit==0? nee dashpddl==0? nee

ja dotpddl=1

print line
dot start

ja dashpddl=1

print line
dash start

beide pddls 1? nee ... ja

squeezed=0

squeezed=1

bit==0? ja ... nee

(dotprio) nee first==0? ja (dashprio)

value+=20

value+=40

bit==0? nee ... ja

bit==0? nee ... ja

temp<<=1

temp&0x80==0? nee

ja

paddle closed? nee

ja

group++
open pdds
print line(s)

EXIT

dotgroup++
print line

value+=20

value+=40

dashgroup++
print line

value+=40

dashpddl=0

dotpddl=0

value+=20

Alt Priority Mode

routine die dotopen/close en dash open/close bepaalt in C
Ultimatic mode

last=1st bit

nee — dotpddl==0? — ja — bit==0? — nee — dashpddl==0? — nee

ja

dotpddl=1

print line
dot start

ja

dashpddl=1

print line
dash start

nee — beide pddls 1? — ja

squeezed=0

squeezed=1

ja — bit==0? — nee

value+=20

last=0

value+=40

last=1

nee — last==0 ? — ja

nee — bit==0? — ja

ja — bit !=0? — nee

print line
dotgroup++

value+=20

value+=40

print line
dashgroup++

dotpddl=0

dashpddl=0

value+=40

value+=20

temp&0x80==0?

nee

temp<<=1

paddle closed?

ja

open pdds
print line(s)

EXIT

Ultimatic Mode