

```
count = 1
   while is Valid(c) is false AND count = 4.
       c = a. next // next adjacent clackwise
     count++
   endwhile
   if count = 5 = 11,
    5 Stage = 1.
   else
        cur-direction = direction of c (up, right, down, or left)
       Stage = 3.
    endif
endwhile
while Stage = 3
    continue firing in cur-direction until miss or sunk ship
    Stage = 1.
endwhile
CAVEAT: if initial hit from stage 1 produces a sink remain
        in stage 1.
```