```
[else]
WaitForSensorEvent <del>|</del>
<
                                                                                                               [wantsStop]
           sensorEvent(sensorData) /
           data = sensorData
                   [data.posOrientation() == Orientation::NORTH] /
                   forwardDist = target.y - data.pos().y
                   leftDist = data.pos().x - target.x
           [else]
                   [data.posOrientation() == Orientation::EAST] /
                   forwardDist = target.x - data.pos().x,
                   leftDist = target.y - data.pos().y
           [else]
                   [data.posOrientation() == Orientation:: SOUTH] /
                   forwardDist = data.pos().y - target.y,
                   leftDist = target.x - data.pos().x
           [else]
                   [data.posOrientation() == Orientation::EAST] /
                   forwardDist = data.pos().x - target.x,
                   leftDist = data.pos().y - target.y
```