

| Feature Index | Feature | Recognized Obstacle Points | Obstacle Index | Obstacle | Obstacle characteristic |
|---------------|---------|----------------------------|----------------|------------|-------------------------|
| 2.1 | 1 | 2.1 | 2 Obst 1 | Left Edge | |
| 4.2 | 1 | 6.6 | 2 Obst 1 | Center | |
| 4.7 | 1 | 11.1 | 2 Obst 1 | Right Edge | |
| 5.3 | 1 | 88.7 | 2 Obst 2 | Left Edge | |
| 5.7 | 1 | 97 | 2 Obst 2 | Center | |
| 6.8 | 1 | 105.3 | 2 Obst 2 | Right Edge | |
| 7.9 | 1 | 157.7 | 2 Obst 3 | Left Edge | |
| 9.4 | 1 | 164.25 | 2 Obst 3 | Center | |
| 11.1 | 1 | 170.8 | 2 Obst 3 | Right Edge | |
| 57.5 | 1 | 348.5 | 2 Obst 4 | Left Edge | |
| 88.7 | 1 | 353.8 | 2 Obst 4 | Center | |
| 92.6 | 1 | 359.1 | 2 Obst 4 | Right Edge | |
| 94.7 | 1 | | | | |
| 95 | 1 | | | | |
| 95 | 1 | | | | |
| 95 | 1 | | | | |
| 96 | 1 | | | | |
| 98.4 | 1 | | | | |
| 99.3 | 1 | | | | |
| 99.4 | 1 | | | | |
| 101.9 | 1 | | | | |
| 104.7 | 1 | | | | |
| 105.3 | 1 | | | | |
| 157.7 | 1 | | | | |
| 160.1 | 1 | | | | |
| 160.8 | 1 | | | | |
| 163.4 | 1 | | | | |
| 165.1 | 1 | | | | |
| 165.9 | 1 | | | | |
| 167.5 | 1 | | | | |
| 168.9 | 1 | | | | |
| 169.5 | 1 | | | | |
| 170.5 | 1 | | | | |
| 170.8 | 1 | | | | |
| 230.7 | 1 | | | | |
| 348.5 | 1 | | | | |
| 354.2 | 1 | | | | |
| 355.5 | 1 | | | | |
| 359.1 | 1 | | | | |



```
svigi@DESKTOP-P9H9KT8 /cygdrive/c/cygwin64/home/svigi/Proj/BusLogic
$ ./BusLogic input3.txt
BusLogic 3/30/2020 21:39
Obstacle Detection State Machine
obstruction center.. 6.6, left edge.., 2.1, right edge.., 11.1
obstruction center.. 97, left edge.., 88.7, right edge.., 105.3
obstruction center.. 164.25, left edge.., 157.7, right edge.., 170.8
obstruction center.. 353.8, left edge.., 348.5, right edge.., 359.1
```

