Num of Trains=10 (5 up, 5 down)
End_sim_time = 30000,
getSpottingsNowTime = 21000,
peakThres=5 (500 meters both sides)
PosConf calculated for each point at distance of= 100 meters
Starting time gap between trains=30 min (1800 sec)
Halt_time_of_Train = 20 sec
Speed_of_The_Train = 14 m/sec (50.4 km/h)

0.1 No. of passengers=10

0.1.1 western up route

Table 1: Ground truth value

Positions m	*NearestEstDis* m
−34 306.00	74 506.00
9556.00	30 644.00
17 886.00	22 314.00
33 918.00	6282.00
40 278.00	22.00

Table 2: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
40 200.00	78.00	0.33
40 300.00	22.00	0.33
64 100.00	23 822.00	0.30
88 500.00	48 222.00	0.29

0.1.2 western down route

Table 3: Ground truth value

Positions m	*NearestEstDis* m
3114.00	86.00
20 066.00	34.00
43 026.00	74.00
66 824.00	76.00
90 896.00	4.00

Table 4: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
3200.00	86.00	0.60
17 400.00	2666.00	0.01
20 100.00	34.00	0.93
43 100.00	74.00	0.32
66 900.00	76.00	0.17
90 900.00	4.00	0.21

Num of Trains=10 (5 up, 5 down)
End_sim_time = 30000,
getSpottingsNowTime = 21000,
peakThres=5 (500 meters both sides)
PosConf calculated for each point at distance of= 100 meters
Starting time gap between trains=30 min (1800 sec)
Halt_time_of_Train = 20 sec
Speed_of_The_Train = 14 m/sec (50.4 km/h)

0.2 No. of passengers=10

0.2.1 central up route

Table 5: Ground truth value

Positions m	*NearestEstDis* m
10 918.00	82.00
16 406.00	94.00
33 324.00	76.00
39 080.00	20.00
41 718.00	2618.00

Table 6: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
11 000.00	82.00	0.45
16 500.00	94.00	0.85
33 400.00	76.00	0.55
39 100.00	20.00	0.69
46 300.00	4582.00	0.05
51 800.00	10 082.00	0.02

0.2.2 central down route

Table 7: Ground truth value

Positions m	*NearestEstDis* m
1720.00	80.00
10 076.00	24.00
23 278.00	22.00
32 474.00	26.00
46 244.00	56.00

Table 8: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
1800.00	80.00	0.34
10 100.00	24.00	0.92
16 200.00	6124.00	0.01
23 300.00	22.00	1.00
32 500.00	26.00	1.00
46 300.00	56.00	0.99

Num of Trains=10 (5 up, 5 down)
End_sim_time = 30000,
getSpottingsNowTime = 21000,
peakThres=5 (500 meters both sides)
PosConf calculated for each point at distance of= 100 meters
Starting time gap between trains=30 min (1800 sec)
Halt_time_of_Train = 20 sec
Speed_of_The_Train = 14 m/sec (50.4 km/h)

0.3 No. of passengers=10

0.3.1 harbour up route

Table 9: Ground truth value

Positions m	*NearestEstDis* m
3640.00	60.00
11 114.00	86.00
25 760.00	40.00
33 526.00	6474.00
35 274.00	4726.00

Table 10: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
3700.00	60.00	1.00
11 200.00	86.00	0.86
25 800.00	40.00	0.83
40 000.00	4726.00	0.13
40 100.00	4826.00	0.13

0.3.2 harbour down route

Table 11: Ground truth value

Positions m	*NearestEstDis* m
9880.00	20.00
17 082.00	1718.00
18 844.00	44.00
40 034.00	66.00
41 796.00	1696.00

Table 12: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
3400.00	6480.00	0.63
9900.00	20.00	0.99
18 800.00	44.00	0.31
40 100.00	66.00	0.94