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=111

0.1.1 western up route

Table 1: Ground truth value

Positions m	*NearestEstDis* m
1302.00	502.00
22 306.00	94.00
40 642.00	58.00
64 446.00	54.00
88 794.00	9906.00
112 882.00	14 182.00

Table 2: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
800.00	502.00	0.01
22 400.00	94.00	0.59
40 700.00	58.00	0.09
64 500.00	54.00	0.18
98 700.00	9906.00	0.15

0.1.2 western down route

Table 3: Ground truth value

Positions m	*NearestEstDis* m
19 702.00	2.00
42 662.00	38.00
66 460.00	40.00
110 040.00	60.00

Table 4: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
19 700.00	2.00	0.72
42 700.00	38.00	0.30
66 500.00	40.00	0.10
110 100.00	60.00	0.80

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=111

0.2.1 central up route

Table 5: Ground truth value

Positions m	*NearestEstDis* m
476.00	8724.00
9120.00	80.00
22 324.00	76.00
31 238.00	62.00
45 002.00	98.00
50 476.00	3424.00

Table 6: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
9200.00	80.00	0.74
22 400.00	76.00	0.27
31 300.00	62.00	0.05
45 100.00	98.00	0.05
53 900.00	3424.00	0.12

0.2.2 central down route

Table 7: Ground truth value

Positions m	*NearestEstDis* m
11 880.00	20.00
17 636.00	64.00
34 278.00	22.00
40 046.00	5746.00

Table 8: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
11 900.00	20.00	0.17
17 700.00	64.00	0.67
34 300.00	22.00	0.57

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=111

0.3.1 harbour up route

Table 9: Ground truth value

Positions m	*NearestEstDis* m
7840.00	60.00
15 322.00	1778.00
17 078.00	22.00
38 002.00	1798.00
39 764.00	36.00

Table 10: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
7900.00	60.00	0.15
17 100.00	22.00	0.28
39 800.00	36.00	0.16

0.3.2 harbour down route

Table 11: Ground truth value

Positions m	*NearestEstDis* m
5404.00	4.00
12 886.00	7486.00
28 076.00	24.00
35 566.00	34.00
37 314.00	1714.00

Table 12: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
5400.00	4.00	0.01
28 100.00	24.00	0.39
35 600.00	34.00	0.15