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=1000

0.1.1 western up route

Table 1: Ground truth value

Positions m	*NearestEstDis* m
1818.00	82.00
23 104.00	96.00
46 064.00	136.00
69 862.00	138.00
94 224.00	76.00
113 680.00	120.00

Table 2: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
1900.00	82.00	1.00
23 200.00	96.00	1.00
46 200.00	136.00	1.00
70 000.00	138.00	0.91
94 300.00	76.00	0.75
113 800.00	120.00	0.18

0.1.2 western down route

Table 3: Ground truth value

Positions m	*NearestEstDis* m
37 002.00	2.00
60 524.00	24.00
84 886.00	14.00
109 242.00	42.00

Table 4: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
37 000.00	2.00	1.00
60 500.00	24.00	1.00
84 900.00	14.00	1.00
109 200.00	42.00	1.00

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=1000

0.2.1 central up route

Table 5: Ground truth value

Positions m	*NearestEstDis* m
1204.00	404.00
17 274.00	126.00
23 038.00	162.00
39 962.00	138.00
45 716.00	84.00

Table 6: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
800.00	404.00	1.00
17 400.00	126.00	1.00
23 200.00	162.00	1.00
40 100.00	138.00	0.99
45 800.00	84.00	1.00

0.2.2 central down route

Table 7: Ground truth value

Positions m	*NearestEstDis* m
4286.00	14.00
16 922.00	22.00
25 844.00	44.00
39 594.00	6.00
48 796.00	4.00

Table 8: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
4300.00	14.00	1.00
16 900.00	22.00	1.00
25 800.00	44.00	1.00
39 600.00	6.00	1.00
48 800.00	4.00	1.00

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=1000

0.3.1 harbour up route

Table 9: Ground truth value

Positions m	*NearestEstDis* m
1120.00	420.00
8036.00	1864.00
9798.00	102.00
30 434.00	1866.00
32 196.00	104.00

Table 10: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
700.00	420.00	1.00
9900.00	102.00	1.00
32 300.00	104.00	1.00

0.3.2 harbour down route

Table 11: Ground truth value

Positions m	*NearestEstDis* m
12 958.00	58.00
20 160.00	60.00
35 356.00	56.00
42 836.00	36.00
44 880.00	20.00

Table 12: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
12 900.00	58.00	1.00
20 100.00	60.00	1.00
35 300.00	56.00	1.00
42 800.00	36.00	1.00
44 900.00	20.00	1.00