Num of Trains=10 (5 up, 5 down)
End_sim_time = 20000,
getSpottingsNowTime = 10000,
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=10000

0.1.1 western up route

Table 1: Ground truth value

Positions m	*NearestEstDis* m
14 660.00	1240.00
31 220.00	2680.00
55 850.00	1350.00
82 550.00	1050.00
102 860.00	2740.00

Table 2: Estimated Value

Positions m	*NearestTruthDis* m
15 900.00	1240.00
33 900.00	2680.00
57 200.00	1350.00
81 500.00	1050.00
105 600.00	2740.00
117 400.00	14 540.00
"AvgPosConf	0.98"
"MaxPosConf	1.00"

0.1.2 western down route

Table 3: Ground truth value

Positions m	*NearestEstDis* m
5950.00	950.00
26 900.00	100.00
51 780.00	1980.00
68 420.00	5380.00
111 580.00	37 780.00

Table 4: Estimated Value

Positions m	*NearestTruthDis* m
5000.00	950.00
15 300.00	9350.00
26 800.00	100.00
49 800.00	1980.00
73 800.00	5380.00
"AvgPosConf	1.00"
"MaxPosConf	1.00"

Num of Trains=10 (5 up, 5 down)
End_sim_time = 20000,
getSpottingsNowTime = 10000,
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=10000

0.2.1 central up route

Table 5: Ground truth value

Positions m	*NearestEstDis* m
5000.00	1600.00
13 000.00	2500.00
26 000.00	2400.00
34 000.00	200.00
49 000.00	2400.00

Table 6: Estimated Value

Positions m	*NearestTruthDis* m
6600.00	1600.00
15 500.00	2500.00
28 400.00	2400.00
34 200.00	200.00
51 400.00	2400.00
"AvgPosConf	1.00"
"MaxPosConf	1.00"

0.2.2 central down route

Table 7: Ground truth value

Positions m	*NearestEstDis* m
8000.00	2200.00
16 000.00	1200.00
28 000.00	0.00
36 000.00	2300.00
50 000.00	16 300.00

Table 8: Estimated Value

Positions m	*NearestTruthDis* m
5800.00	2200.00
14 800.00	1200.00
28 000.00	0.00
33 700.00	2300.00
"AvgPosConf	1.00"
"MaxPosConf	1.00"

Num of Trains=10 (5 up, 5 down)
End_sim_time = 20000,
getSpottingsNowTime = 10000,
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=10000

0.3.1 harbour up route

Table 9: Ground truth value

Positions m	*NearestEstDis* m
2000.00	1100.00
9000.00	1000.00
29 000.00	4300.00
30 000.00	3400.00
32 000.00	1400.00

Table 10: Estimated Value

Positions m	*NearestTruthDis* m
3100.00	1100.00
10 000.00	1000.00
24 700.00	4300.00
33 400.00	1400.00
40 900.00	8900.00
"AvgPosConf	1.00"
"MaxPosConf	1.00"

0.3.2 harbour down route

Table 11: Ground truth value

Positions m	*NearestEstDis* m
13 000.00	2100.00
19 000.00	600.00
21 000.00	1400.00
43 000.00	100.00
43 000.00	100.00

Table 12: Estimated Value

Positions m	*NearestTruthDis* m
2600.00	10 400.00
10 900.00	2100.00
17 900.00	1100.00
19 600.00	600.00
24 100.00	3100.00
40 900.00	2100.00
42 900.00	100.00
"AvgPosConf	0.94"
"MaxPosConf	1.00"