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
15 534.00	366.00
33 602.00	298.00
56 844.00	356.00
81 206.00	294.00
105 280.00	320.00

Table 2: Estimated Value

Positions m	*NearestTruthDis* m
15 900.00	366.00
33 900.00	298.00
57 200.00	356.00
81 500.00	294.00
105 600.00	320.00
117 400.00	12 120.00
"AvgPosConf	0.94"
"MaxPosConf	1.00"

0.1.2 western down route

Table 3: Ground truth value

Positions m	*NearestEstDis* m
3780.00	1220.00
20 020.00	4720.00
45 606.00	4194.00
62 778.00	11 022.00
105 518.00	31 718.00

Table 4: Estimated Value

Positions m	*NearestTruthDis* m
5000.00	1220.00
15 300.00	4720.00
26 800.00	6780.00
49 800.00	4194.00
73 800.00	11 022.00
"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
6286.00	314.00
15 202.00	298.00
28 116.00	284.00
33 886.00	314.00
51 074.00	226.00

Table 6: Estimated Value

Positions m	*NearestTruthDis* m
6600.00	314.00
15 500.00	298.00
28 400.00	284.00
34 200.00	314.00
51 300.00	226.00
"AvgPosConf	1.00"
"MaxPosConf	1.00"

0.2.2 central down route

Table 7: Ground truth value

Positions m	*NearestEstDis* m
5916.00	116.00
10 998.00	3802.00
23 802.00	4198.00
28 046.00	46.00
49 118.00	15 418.00

Table 8: Estimated Value

Positions m	*NearestTruthDis* m
5800.00	116.00
14 800.00	3802.00
28 000.00	46.00
33 700.00	5654.00
"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
2804.00	296.00
9726.00	274.00
24 366.00	334.00
32 124.00	1576.00
33 886.00	186.00

Table 10: Estimated Value

Positions m	*NearestTruthDis* m
3100.00	296.00
10 000.00	274.00
24 700.00	334.00
33 700.00	186.00
40 900.00	7014.00
"AvgPosConf	1.00"
"MaxPosConf	1.00"

0.3.2 harbour down route

Table 11: Ground truth value

Positions m	*NearestEstDis* m
11 000.00	100.00
15 516.00	2384.00
17 754.00	146.00
38 802.00	2098.00
40 846.00	54.00

Table 12: Estimated Value

Positions m	*NearestTruthDis* m
2600.00	8400.00
10 900.00	100.00
17 900.00	146.00
18 600.00	846.00
24 100.00	6346.00
40 900.00	54.00
42 700.00	1854.00
"AvgPosConf	0.89"
"MaxPosConf	1.00"