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=

0.1.1 western up route

Table 1: Ground truth value

Positions m	*NearestEstDis* m
6300.00	100.00
28 146.00	54.00
46 764.00	18 564.00
70 562.00	38.00
94 924.00	76.00
119 280.00	120.00

Table 2: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
6400.00	100.00	1.00
28 200.00	54.00	1.00
70 500.00	62.00	0.98
70 600.00	38.00	0.98
95 000.00	76.00	0.63
119 400.00	120.00	0.18

0.1.2 western down route

Table 3: Ground truth value

Positions m	*NearestEstDis* m
14 422.00	22.00
36 540.00	60.00
60 062.00	38.00
103 642.00	42.00

Table 4: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
6100.00	8322.00	1.00
14 400.00	22.00	1.00
36 600.00	60.00	1.00
60 100.00	38.00	1.00
103 600.00	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=

0.2.1 central up route

Table 5: Ground truth value

Positions m	*NearestEstDis* m
5966.00	134.00
18 602.00	98.00
27 806.00	94.00
41 274.00	126.00
47 042.00	58.00

Table 6: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
6100.00	134.00	1.00
18 700.00	98.00	1.00
27 900.00	94.00	1.00
38 000.00	3274.00	0.22
41 400.00	126.00	0.99
43 800.00	2526.00	0.36
47 100.00	58.00	1.00

0.2.2 central down route

Table 7: Ground truth value

Positions m	*NearestEstDis* m
2958.00	42.00
15 594.00	6.00
21 082.00	18.00
37 998.00	2.00
43 766.00	34.00

Table 8: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
3000.00	42.00	1.00
5500.00	2542.00	1.00
15 600.00	6.00	1.00
21 000.00	82.00	1.00
21 100.00	18.00	1.00
38 000.00	2.00	1.00
43 800.00	34.00	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=

0.3.1 harbour up route

Table 9: Ground truth value

Positions m	*NearestEstDis* m
14 834.00	66.00
22 036.00	64.00
37 246.00	54.00
45 002.00	1798.00
46 756.00	44.00

Table 10: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
14 900.00	66.00	1.00
22 100.00	64.00	1.00
28 900.00	6864.00	0.06
37 300.00	54.00	1.00
46 800.00	44.00	1.00

0.3.2 harbour down route

Table 11: Ground truth value

Positions m	*NearestEstDis* m
756.00	456.00
6160.00	5860.00
7922.00	6378.00
28 846.00	54.00
30 320.00	1420.00

Table 12: Estimated Value

Positions m	*NearestTruthDis* m	*PosConf*
300.00	456.00	1.00
14 300.00	6378.00	0.69
14 400.00	6478.00	0.69
21 600.00	7246.00	0.25
28 900.00	54.00	1.00