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=10

0.3.1 harbour up route

Table 9: Ground truth value

Positions m	*NearestEstDis* m
15 882.00	1618.00
17 364.00	136.00
25 396.00	7896.00
40 324.00	7876.00
48 086.00	114.00

Table 10: Estimated Value

Positions m	*NearestTruthDis* m
17 500.00	136.00
48 200.00	114.00
"AvgPosConf	0.17"
"MaxPosConf	0.20"

0.3.2 harbour down route

Table 11: Ground truth value

Positions m	*NearestEstDis* m
3356.00	22 044.00
4844.00	20 556.00
25 486.00	86.00
27 516.00	16.00
35 006.00	7506.00

Table 12: Estimated Value

Positions m	*NearestTruthDis* m
25 400.00	86.00
27 500.00	16.00
"AvgPosConf	0.34"
"MaxPosConf	0.46"

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=50

0.3.1 harbour up route

Table 9: Ground truth value

Positions m	*NearestEstDis* m
15 882.00	1618.00
17 364.00	136.00
25 396.00	204.00
40 324.00	176.00
48 086.00	114.00

Table 10: Estimated Value

Positions m	*NearestTruthDis* m
17 500.00	136.00
25 600.00	204.00
40 500.00	176.00
48 200.00	114.00
"AvgPosConf	0.37"
"MaxPosConf	0.57"

0.3.2 harbour down route

Table 11: Ground truth value

Positions m	*NearestEstDis* m
3356.00	21 944.00
4844.00	20 456.00
25 486.00	86.00
27 516.00	2116.00
35 006.00	106.00

Table 12: Estimated Value

Positions m	*NearestTruthDis* m
25 300.00	186.00
25 400.00	86.00
34 900.00	106.00
"AvgPosConf	0.66"
"MaxPosConf	0.82"

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=100

0.3.1 harbour up route

Table 9: Ground truth value

Positions m	*NearestEstDis* m
15 882.00	9618.00
17 364.00	8136.00
25 396.00	104.00
40 324.00	176.00
48 086.00	114.00

Table 10: Estimated Value

Positions m	*NearestTruthDis* m
25 500.00	104.00
25 600.00	204.00
34 900.00	5424.00
40 500.00	176.00
48 200.00	114.00
"AvgPosConf	0.55"
"MaxPosConf	0.81"

0.3.2 harbour down route

Table 11: Ground truth value

Positions m	*NearestEstDis* m
3356.00	13 744.00
4844.00	12 256.00
25 486.00	186.00
27 516.00	16.00
35 006.00	106.00

Table 12: Estimated Value

Positions m	*NearestTruthDis* m
17 100.00	8386.00
25 300.00	186.00
27 400.00	116.00
27 500.00	16.00
34 900.00	106.00
"AvgPosConf	0.67"
"MaxPosConf	0.96"

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=200

0.3.1 harbour up route

Table 9: Ground truth value

Positions m	*NearestEstDis* m
15 882.00	9618.00
17 364.00	8136.00
25 396.00	104.00
40 324.00	176.00
48 086.00	114.00

Table 10: Estimated Value

Positions m	*NearestTruthDis* m
25 500.00	104.00
25 600.00	204.00
40 500.00	176.00
48 200.00	114.00
"AvgPosConf	0.80"
"MaxPosConf	0.99"

0.3.2 harbour down route

Table 11: Ground truth value

Positions m	*NearestEstDis* m
3356.00	13 744.00
4844.00	12 256.00
25 486.00	1914.00
27 516.00	16.00
35 006.00	106.00

Table 12: Estimated Value

Positions m	*NearestTruthDis* m
17 100.00	8386.00
17 200.00	8286.00
27 400.00	116.00
27 500.00	16.00
34 900.00	106.00
"AvgPosConf	0.57"
"MaxPosConf	0.94"

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=500

0.3.1 harbour up route

Table 9: Ground truth value

Positions m	*NearestEstDis* m
15 882.00	9718.00
17 364.00	8236.00
25 396.00	204.00
40 324.00	176.00
48 086.00	114.00

Table 10: Estimated Value

Positions m	*NearestTruthDis* m
25 600.00	204.00
34 800.00	5524.00
34 900.00	5424.00
40 500.00	176.00
48 200.00	114.00
"AvgPosConf	0.60"
"MaxPosConf	1.00"

0.3.2 harbour down route

Table 11: Ground truth value

Positions m	*NearestEstDis* m
3356.00	13 744.00
4844.00	12 256.00
25 486.00	186.00
27 516.00	16.00
35 006.00	106.00

Table 12: Estimated Value

Positions m	*NearestTruthDis* m
17 100.00	8386.00
25 300.00	186.00
27 400.00	116.00
27 500.00	16.00
34 900.00	106.00
"AvgPosConf	0.85"
"MaxPosConf	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
15 882.00	1618.00
17 364.00	136.00
25 396.00	7896.00
40 324.00	176.00
48 086.00	114.00

Table 10: Estimated Value

Positions m	*NearestTruthDis* m
17 500.00	136.00
34 800.00	5524.00
34 900.00	5424.00
40 500.00	176.00
48 200.00	114.00
"AvgPosConf	0.64"
"MaxPosConf	1.00"

0.3.2 harbour down route

Table 11: Ground truth value

Positions m	*NearestEstDis* m
3356.00	13 744.00
4844.00	12 256.00
25 486.00	86.00
27 516.00	16.00
35 006.00	106.00

Table 12: Estimated Value

Positions m	*NearestTruthDis* m
17 100.00	8386.00
25 300.00	186.00
25 400.00	86.00
27 500.00	16.00
34 900.00	106.00
"AvgPosConf	0.89"
"MaxPosConf	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=5000

0.3.1 harbour up route

Table 9: Ground truth value

Positions m	*NearestEstDis* m
15 882.00	1618.00
17 364.00	136.00
25 396.00	204.00
40 324.00	176.00
48 086.00	114.00

Table 10: Estimated Value

Positions m	*NearestTruthDis* m
17 500.00	136.00
25 600.00	204.00
34 800.00	5524.00
34 900.00	5424.00
40 500.00	176.00
48 200.00	114.00
"AvgPosConf	0.91"
"MaxPosConf	1.00"

0.3.2 harbour down route

Table 11: Ground truth value

Positions m	*NearestEstDis* m
3356.00	56.00
4844.00	1544.00
25 486.00	86.00
27 516.00	16.00
35 006.00	106.00

Table 12: Estimated Value

Positions m	*NearestTruthDis* m
3300.00	56.00
24 600.00	886.00
25 400.00	86.00
27 400.00	116.00
27 500.00	16.00
34 900.00	106.00
"AvgPosConf	1.00"
"MaxPosConf	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=10000

0.3.1 harbour up route

Table 9: Ground truth value

Positions m	*NearestEstDis* m
15 882.00	1218.00
17 364.00	264.00
25 396.00	204.00
40 324.00	176.00
48 086.00	114.00

Table 10: Estimated Value

Positions m	*NearestTruthDis* m
17 100.00	264.00
25 600.00	204.00
34 800.00	5524.00
34 900.00	5424.00
40 500.00	176.00
48 200.00	114.00
"AvgPosConf	0.98"
"MaxPosConf	1.00"

0.3.2 harbour down route

Table 11: Ground truth value

Positions m	*NearestEstDis* m
3356.00	56.00
4844.00	444.00
25 486.00	86.00
27 516.00	16.00
35 006.00	106.00

Table 12: Estimated Value

Positions m	*NearestTruthDis* m
3300.00	56.00
4400.00	444.00
24 600.00	886.00
25 400.00	86.00
27 100.00	416.00
27 500.00	16.00
34 900.00	106.00
"AvgPosConf	1.00"
"MaxPosConf	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=50000

0.3.1 harbour up route

Table 9: Ground truth value

Positions m	*NearestEstDis* m
15 882.00	1218.00
17 364.00	264.00
25 396.00	204.00
40 324.00	176.00
48 086.00	114.00

Table 10: Estimated Value

Positions m	*NearestTruthDis* m
17 100.00	264.00
25 600.00	204.00
34 800.00	5524.00
34 900.00	5424.00
40 500.00	176.00
48 200.00	114.00
"AvgPosConf	1.00"
"MaxPosConf	1.00"

0.3.2 harbour down route

Table 11: Ground truth value

Positions m	*NearestEstDis* m
3356.00	56.00
4844.00	44.00
25 486.00	86.00
27 516.00	16.00
35 006.00	106.00

Table 12: Estimated Value

Positions m	*NearestTruthDis* m
3300.00	56.00
4800.00	44.00
17 100.00	8386.00
24 600.00	886.00
25 400.00	86.00
27 100.00	416.00
27 500.00	16.00
34 900.00	106.00
"AvgPosConf	1.00"
"MaxPosConf	1.00"