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)

 $Halt\_time\_of\_Train = 20 sec$ 

 $Speed\_of\_The\_Train = 14 \text{ m/sec } (50.4 \text{ km/h})$ 

## 0.1 No. of passengers=5000

## 0.1.1 harbour up route

Table 1: Ground truth value	
Positions	NearestEstDis
m	$\mathbf{m}$
2804.00	296.00
9726.00	274.00
24366.00	334.00
32124.00	2076.00
33886.00	314.00

Table 2: E	Stimated Value
Positions	NearestTruthDis
m	m
3100.00	296.00
10000.00	274.00
24700.00	334.00
34200.00	314.00
40900.00	7014.00
"AvgPosConf	1.00"
"MaxPosConf	1.00"

## 0.1.2 harbour down route

 Table 3: Ground truth value

 Positions
 NearestEstDis

 m
 m

 11 000.00
 0.00

 18 484.00
 184.00

 20 246.00
 1946.00

 41 154.00
 254.00

 43 198.00
 198.00

Table 4:	Estimated Value
Positions	NearestTruthDis
m	m
2600.00	8400.00
11000.00	0.00
17900.00	584.00
18300.00	184.00
24100.00	3854.00
40900.00	254.00
41900.00	746.00
43000.00	198.00
"AvgPosCon	f 0.89"
"MaxPosCon	