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=10

## 0.1.1 harbour up route

Table 1: Ground truth value		
Positions	NearestEstDis	
m	m	
2804.00	7196.00	
9726.00	274.00	
24366.00	334.00	

276.00

1486.00

Table 2: Estimated Value	
Positions	NearestTruthDis
m	$\mathbf{m}$
10 000.00	274.00
24700.00	334.00
31300.00	824.00
32400.00	276.00
40900.00	7014.00
"AvgPosConf	0.24"
"MaxPosConf	0.62"

## 0.1.2 harbour down route

 $32\,124.00$ 

 $33\,886.00$ 

 Table 3: Ground truth value

 Positions
 NearestEstDis

 m
 m

 11 000.00
 0.00

 18 484.00
 116.00

 20 246.00
 1646.00

 41 154.00
 22 554.00

 43 198.00
 24 598.00

Table 4: Estimated Value	
Positions	NearestTruthDis
$\mathbf{m}$	$\mathbf{m}_{\mathbf{n}}$
2400.00	8600.00
11000.00	0.00
17500.00	984.00
18600.00	116.00
"AvgPosConf"	0.19"
"MaxPosConf	0.70"