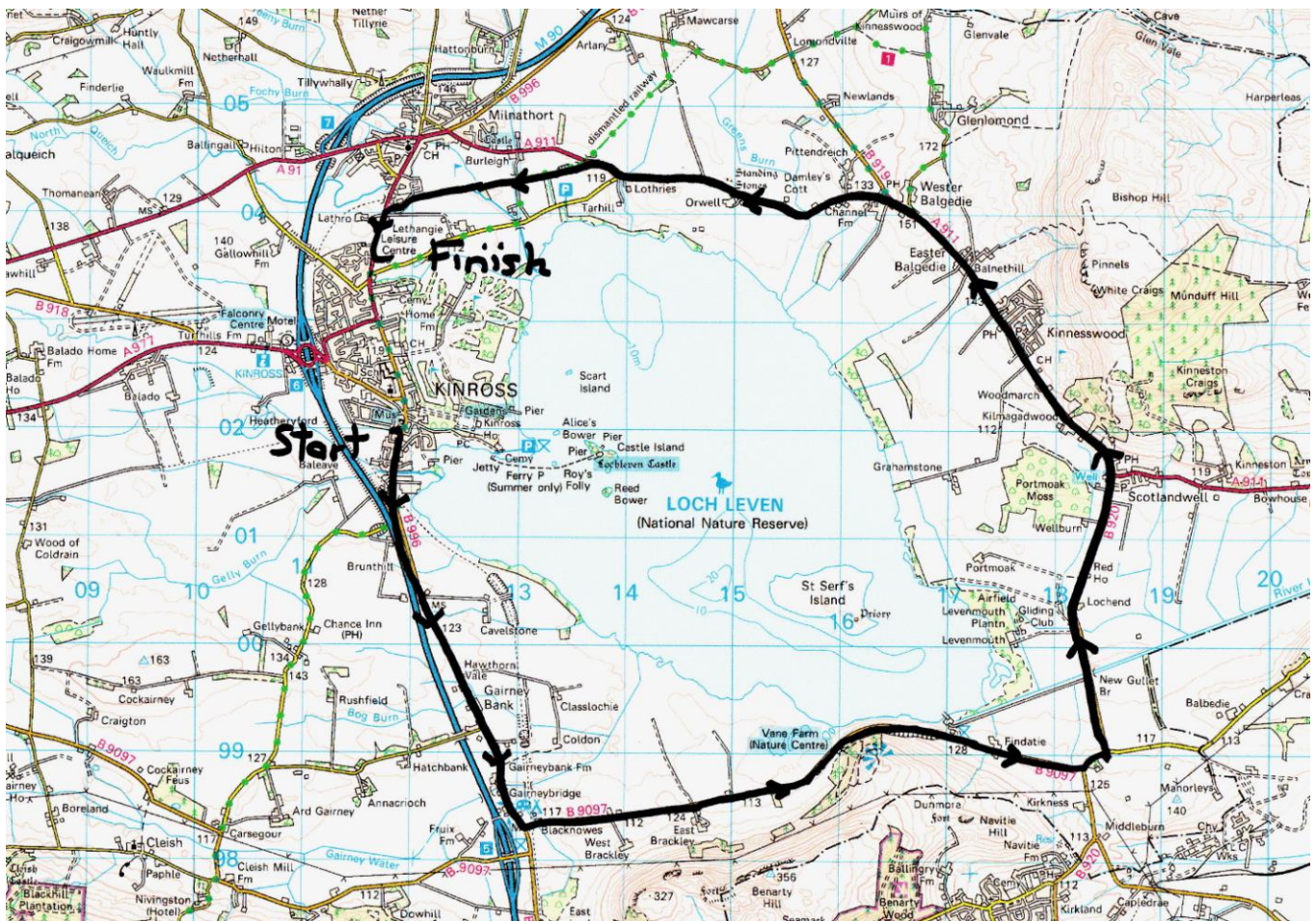


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LOCH LEVEN HALF MARATHON – 2011



COURSE MEASUREMENT

November 2011

Acknowledgements:

The author appreciates the help and co-operation from:

Roger Stark

LOCH LEVEN HALF MARATHON ROAD RACE

Course Measurement

SUMMARY,

The LOCH LEVEN HALF MARATHON ROAD RACE course specified in this report, measured by calibrated cycle wheel, is not less than 13miles. 193yards

Measurement error is believed to lie between zero and plus 21 metres.

ALAN YOUNG of

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5th November 2011

Calibration of Counter

Saturday - 5th November 2011

Commenced approx. 06:30hrs

Weather clear and little wind, temperature 7C

Cycle with 27" dia. wheels was used with a Jones Counter attached.

The Jones Counter was calibrated against the measured 400 metre course at North Links, Perth.

Run 1 (Northwards)	
Start reading	64500
Finish reading	68928
	4428
Run 2 (Southwards)	
Start reading	68928
Finish reading	73355
	4427
Run 3 (Northwards)	
Start reading	73355
Finish reading	77784
	4429
Run 4 (Southwards)	
Start reading	77784
Finish reading	82212
	4428
Average	4428

Counts per Km = 11070

Counts per Mile = 17815.5

Short Course Factor 0.1%

Therefore Counts per Km = 11082Km or 17835 per Mile, the Working Constant

Cycle then taken by car to the Course, and these counts used in the measurement.

Post Calibration

(400 metre course at North Links, Perth. 13:00hrs 9C)

Run 1 (Northwards)	35000
Start reading	39426
Finish reading	4426
Run 2 (Southwards)	
Start reading	39426
Finish reading	43851
	4425
Run 3 (Northwards)	
Start reading	43851
Finish reading	48277
	4426
Run 4 (Southwards)	
Start reading	48277
Finish reading	52703
	4426
Average	4425.75

Counts per Km = 11065

Counts per Mile = 17807

Short Course Factor 0.1%

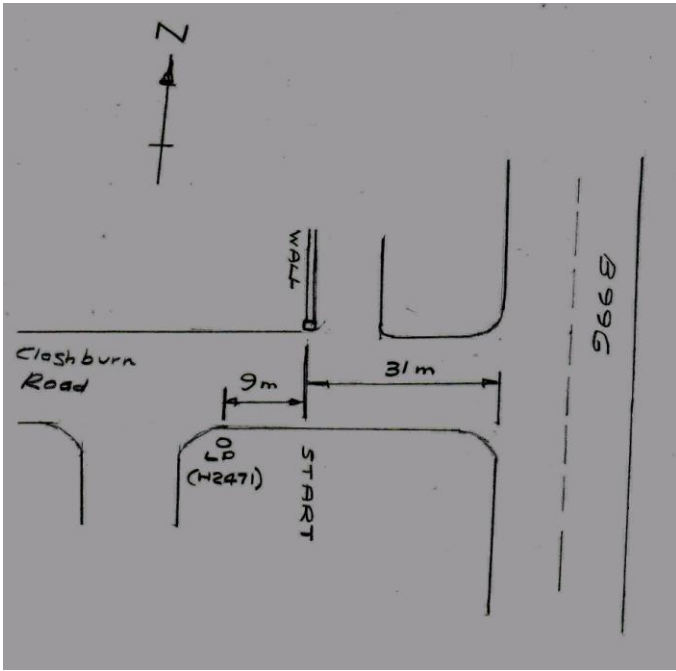
Therefore Counts per Km = 11076 or 17825 per Mile, the Finish Constant.

Constant of the Day

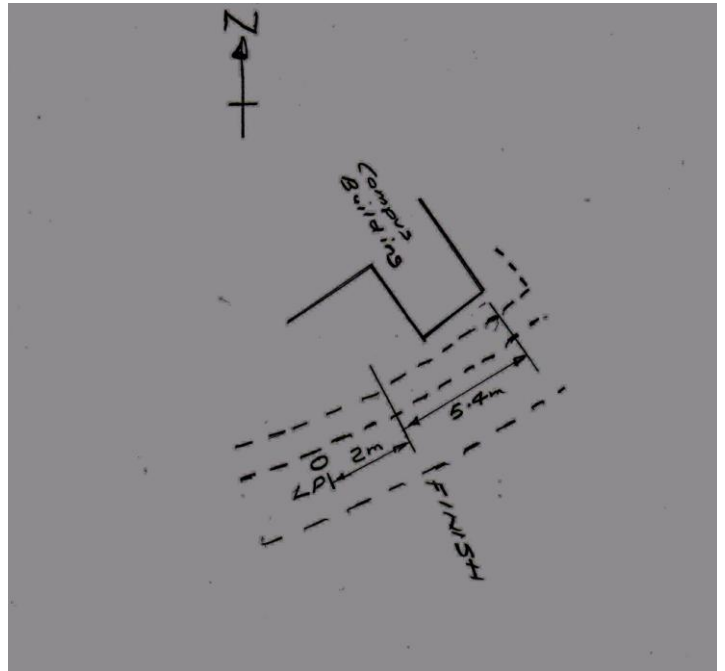
Average of the Working and Finish Constants 11073 counts per Km or 17830 counts per Mile.

Route Description

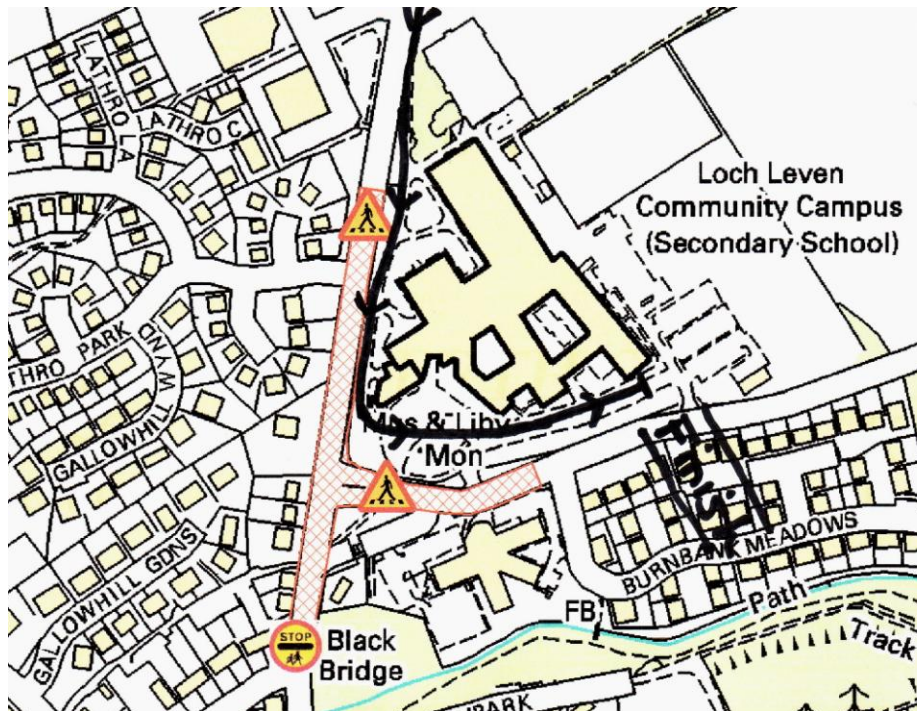
The route is basically on good quality roads and section of cycle path around Loch Leven, and run on the left hand of the roads. The Start is located in Clashburn road (see sketch) and marked with a PK pin and washer. Turn right onto the B996 heading South on the left hand side of the road,. Continue on the B996, and just after Gairneybridge turn left into the B9097 heading East. Turn left into the B920 Northward to Scotlandwell. Bear left into the A911. Continue North West, and then West, until reaching the “cycle path”, which branches off to the left. The path is initially very good tarmac, but becomes a waterbound surface till it reaches Old Mart Road. However this surface is good quality and smooth. Turn left into Auld Mart Road, then left into the main road that leads into Kinross. Very shortly onto the cycle path which runs alongside the main road. Stay on the cycle track, which runs into the grounds of the Loch Leven Community Centre and turns past the entrance. Continue straight through the car park and onto the footpath. The Finish is on the footpath 5.4m before the site line of the building on the left, and 2m after the lamp post (see sketch). Marked with a PK pin and washer.



START



FINISH



FINISH

This was cycled using the calibrated Jones Counter.

Location	Reading	Comments
Start	90000	
1 mile	07835	
2 miles	25670	
3 miles	43505	
4 miles	61340	
5 miles	79175	
6 miles	97010	
7 miles	14845	
8 miles	32680	
9 miles	50515	
10 miles	68350	
11 miles	86185	
12 miles	04020	
	07629	Start of waterbound surface
	12168	End of waterbound surface – length of waterbound surface 255m (1.25%) But anyway the quality is so good not to of a concern.
13miles	21855	
Finish	23810	2m after lamp post and 5.4m before end of building