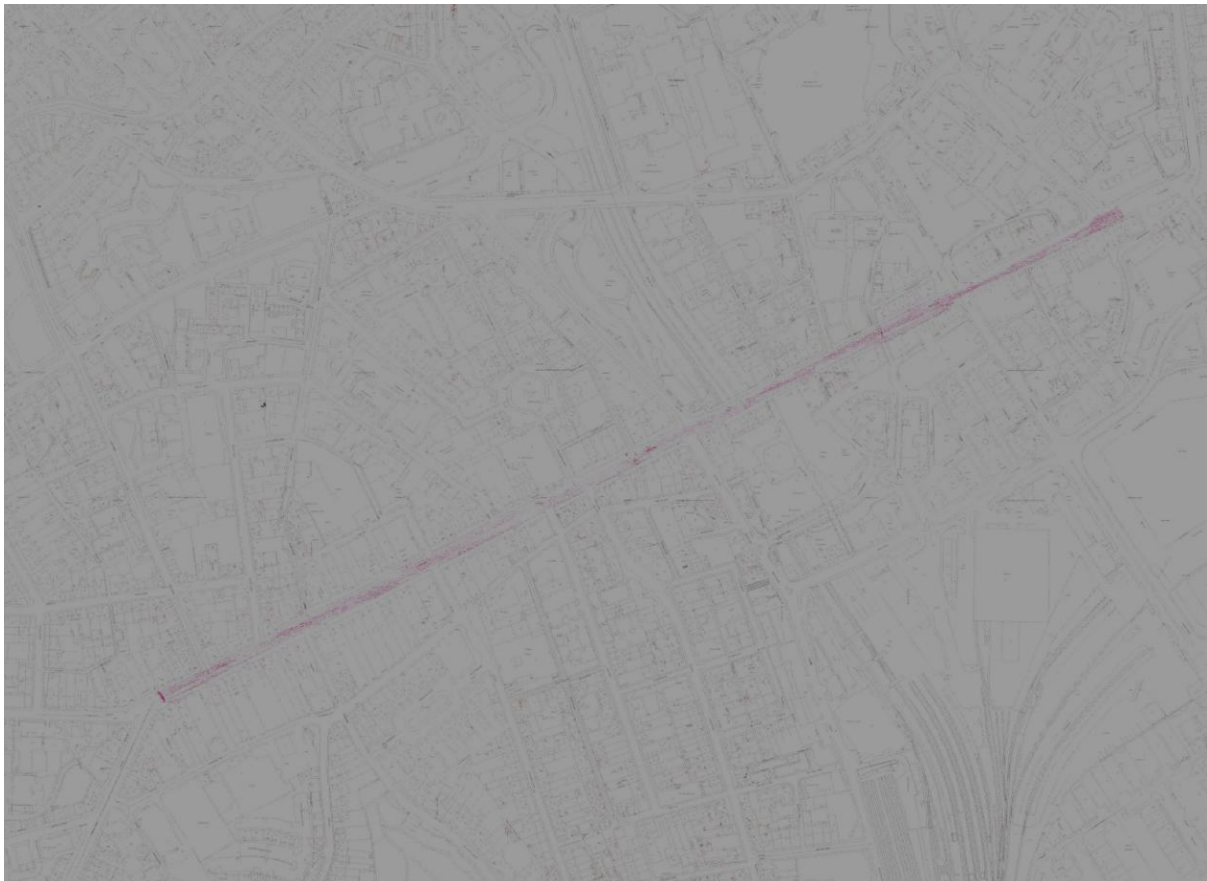


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CITY OF ABERDEEN UNION STREET MILE - 2011



COURSE MEASUREMENT

May 2011

Acknowledgements:

The author appreciates the help and co-operation from:

John Purcell
Sport Aberdeen

CITY OF ABERDEEN UNION STREET MILE

Course Measurement

SUMMARY,

The City of Aberdeen – Union Street Mile 2011 course specified in this report, measured by calibrated cycle wheel, is not less than 1609.344 metres, the minimum distance for a 1 mile race.

Measurement error is believed to lie between zero and plus 1.6 metres.

ALAN YOUNG of

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27th May 2011

Calibration of Counter

Friday – 20th May 2011

Commenced approx. 01:30hrs
 Weather clear and little wind, temperature 3C

A ridgeback cycle with 27” dia. Wheels was used with a Jones Counter attached.

The Jones Counter was calibrated against the measured 0.5 mile on the A90 at the Battlefield to Parkford straight, to the North of Forfar.

Run 1 (Northwards)	
Start reading	43500
Finish reading	52775
	9275
Run 2 (Southwards)	
Start reading	52775
Finish reading	62045
	9270
Run 3 (Northwards)	
Start reading	62045
Finish reading	71316
	9271
Run 4 (Southwards)	
Start reading	71316
Finish reading	80592
	9276
Average	9273

Counts per mile = 2 x 9273 = 18546

Short Course Factor 0.1%

Therefore Counts per Km = 18565 - Working Constant

Cycle then taken by car to the Course.



This was cycled using the calibrated Jones Counter.

Location	Reading	Comment
Start	91200	Music Hall steps
Turnaround	96717	Before junction with Holburn Street
Finish	09765	Just into Castle Street

Start and Finish and Turnaround point all marked with PK nail and Washer.

Post Calibration

Run 1 (Northwards)	
Start reading	13000
Finish reading	22275
	9275
Run 2 (Southwards)	
Start reading	22275
Finish reading	31552
	9277
Run 3 (Northwards)	
Start reading	31552
Finish reading	40826
	9274
Run 4 (Southwards)	
Start reading	40826
Finish reading	50102
	9276
Average	9275.5

Counts per mile = $2 \times 9275.5 = 18552$

Short Course Factor 0.1%

Therefore Counts per Mile = 18570

Constant of the Day

Average of the working and finish constants 18567.5