

Certificate of Course Accuracy



Scotland Course Number: **18/612**

Race Name: Portobello Promathon 4 mile Road Race

Course Name: Portobello Promathon

Area: EastSCO

Distance: 4 miles

Date of Race: 1 Jan 2019

Measured: 18 Dec 2018 **By:** A Stott

Promoter: Penicuik Harriers

Drop: -

Separation: -

IAAF limits for record times are - Drop: 1 m/km; Separation: 50%

This is to certify that the length of the above road race has been accurately measured by an accredited Course Measurer using IAAF procedures approved for use in the UK. A complete record of the measurement is held by the Area Measurement Secretary. The measurement remains valid for 10 years provided no changes are made to the course. The start/finish and the route must be set out **EXACTLY** as defined in the measurement report. Any modification will need to be measured for a new certificate.

Signed:



Area Measurement Secretary - Scotland

Date: **19 Dec 2018**

NOTES

1. This Certificate of Course Accuracy is valid only for the race held on the date or dates specified.
2. The race director must consult the measurement report and lay out the course exactly as described by the measurer.
3. If there are changes to the start/finish, the route, the section of road/pavement available to runners, or the marshalling on corners then a measurer must be contacted in good time so that he can make any remeasurement/adjustments which are necessary. In the event of changes a new Certificate of Course Accuracy will then be issued after receipt of the course measurer's report.
4. If the course is EXACTLY the same then this Certificate may be renewed for subsequent races up to 10 years after the original measurement. To renew this Certificate for a subsequent race, go to coursemeasurement.org.uk/renew and enter the course number for the measurement area Scotland: 18612

and the following unique renewal code for this course number: **fak5wx**

f = foxtrot

a = alpha

k = kilo

5 = five

w = whiskey

x = xray

Contact the Area Measurement Secretary for Scotland:

Contact: Mike Burns, Bayview Hoswick, Sandwick, Shetland Isles, ZE2 9HL. Tel: 01950 431600

Email: mjhburns@yahoo.co.uk

Certificates for Scotland are listed at coursemeasurement.org.uk/scotland.php under 3 areas:

WestSCotland: Dumfries & Galloway, Strathclyde.

EastSCotland: Scottish Borders, East/West & Mid Lothian, Edinburgh City, Falkirk, Stirling, Clackmannanshire, Fife, Perth & Kinross, Angus, Aberdeen, Aberdeenshire.

NorthSCotland: Highland Region, Western Isles, Orkney and Shetland, and the Moray, Banff and Buchan districts of the Grampian Region.

Issued to race director:

**A. Jackson
26 Mortonhall Park Crescent
Edinburgh
EH17 8SY**

**COURSE MEASUREMENT SUMMARY SHEET** Jan 1011**RACE LICENCE/PERMIT BODY: SCOTLAND AREA:**

Cert no:	
Replaces Cert no:	

Course Name:	PORTOBELLO PROMATHON	County:	EDINBURGH
Race Name (if diff):	PORTOBELLO PROMATION 4 MILE Road Race	Race Date:	1 ST JANUARU 2019
Promoting Club or Organisation	PENICUIK HARRIERS		
Name & address of race organiser / director:	ALEX JACKSON 26 Mortonhall Park Crescent EDINBURGH EH17 8SY	Tel.(home):	0131 664 7864
		Tel.(work):	
		E-mail:	Alex.Jackson@ed.ac.uk
Distance:	10KM	Measurer:	ADRIAN STOTT
		Grade:	1
Measurement method:	CALOBRATED BICYCLE	Measurement Date:	DECEMBER 18 TH 2018
Height (in metres above sea level) if not same.		Start:	5M
		Finish:	5M
Distance in straight line from Start to Finish:	50 metres	Approx Start Grid Ref:	305745

Brief Description of Course**Terrain**

(Flat/Undulating/Severe Hills/etc.)

FLAT OUT AND BACK ALONG PORTOBELO PROMENADE ,

Race Surface (city streets/country lanes/paths/etc.; amount off road e.g. on grass). Is it a Multi-terrain course?

GOOD TARMAC SURFACE .TRAFFIC FREE SEASIDE ESPLANADE

Course Configuration

(single lap/multi lap/anti-clockwise/ out & back/point to point)

OUT AND BACK COURSE WITH START FINISH MID ESPALNADE
<https://www.gmap-pedometer.com/?r=6147167>**Measurement Details** (additional information may be shown in the report)

The section of the road available to the runners on the day of the race. Are pavements allowed?

FULL WIDTH BUT RUNNERS ADVISED TO KEEP TO LEFT HAND SIDE OF COURSE DUE TO THE OUT AND BACK NATURE OF THE COURSE.

The line to be taken at right hand turns.

SHORTEST ROUTE AT ALL TIMES.

Dates for race series & Any other information

I am sending the measurement report : this **summary page, all data sheets, course map & sketches** showing the exact position of the start/finish to the **Race Director**, who must use this report to lay out the course & carefully keep it for future years. It should be shown to any official requiring details of the measured course. I am also sending a copy to the **Area Course Measurement Secretary**, who will check the report, file it, & issue a certificate of course accuracy.

Signed:	ADRIAN STOTT	Date:	18 TH DECEMBER 2018
Measurer's Address:	24 SILVERKNOWES PARKWAY EH4 5LA Email: tarit@runandbecome.com		
ACMS name/address:	Email:		

Constant for the Day: If the Constant for the Day is not equal to the Working Constant, an adjustment to the start or finish will be needed, to be made as follows:

Signed: Date:



BICYCLE CALIBRATION DATA SHEET (feb 2011 ms word)

Name of Measurer: Date of Calibration:

Calibration Course Location: Length:

Measurement method used to determine calibration course length:

Bicycle Tyre type (e.g. pneumatic or solid, and racing, touring or mountain).

1. Ride the calibration course 4 times, recording data as follows:

	Start Count	Finish Count	Difference
Ride 1	453400	458892	5492
Ride 2	458900	464390	5490
Ride 3	464400	469891	5491
Ride 4	469900	475390	5490

Pre-measurement

Average Count:

Time of Day:

Temperature:

Working Constant = Number of counts in 1 km or 1 mile, calculated from the pre-measurement average count, divided by the calibration course length, and multiplied by the short course prevention factor of 1.001.

Working Constant:
 Counts per

2. Measure the course, including all intermediate distances, using the Working Constant. Record all data on the Course Measurement Data Sheet.

3. Re-calibrate the cycle by riding the calibration course 4 times, recording data as follows:

	Start Count	Finish Count	Difference
Ride 1	545320	550810	5490
Ride 2	550820	556311	5491
Ride 3	556320	561811	5491
Ride 4	561820	567312	5492

Post-measurement

Date (if different):

Average Count:

Time of Day:

Temperature:

Finish Constant = Number of counts in 1 km or 1 mile, calculated from the post-measurement average count, divided by the calibration course length, and multiplied by the short course prevention factor of 1.001.

Finish Constant:

 Counts per

The Constant for the Day = Either the Working Constant or the Finish Constant, whichever is the larger.

Constant for the Day: Counts per

Other than the larger constant may be used if justified. In some circumstances the average is more appropriate. Give detailed reasons if this is applicable.

Remember, each day's measurement must be preceded and followed by a calibration run. You may measure as much as you want in a day provided that calibration precedes it and follows it within the same 24 hour period. This is done to minimise error due to changes in tyre pressure from thermal expansion and slow leakage. Frequent re-calibration 'protects' the previous measurement. **1 mile = 1.609344 km**

Signed:

Adrian Stott

Date:

18TH DEC 2018