

**COURSE MEASUREMENT SUMMARY SHEET** Jan 1011

RACE LICENCE/PERMIT BODY: AREA: SOUTH

Cert no:	
Replaces Cert no:	08/042

Course Name:	Yateley 10Km Race Series	County:	Hampshire		
Race Name (if diff):		Race Date:	6/6 & 4/7 & 1/8/2018		
Promoting Club or Organisation	Yateley Road Racing assisted by Sandhurst Joggers				
Name & address of race organiser / director:	Jenny Robinson, 41 Maple Garden, Yateley, Hants, GU46 6JQ	Tel.(home)	07881-783773		
		Tel.(work):			
		E-mail:	Jfgray1983@hotmail.com		
Distance:	10 Km	Measurer:	P J Short	Grade:	2
Measurement method:	Calibrated Jones Counter	Measurement Date:	11 March 2018		
Height (in metres above sea level) if not same.		Start:	64 m	Finish:	64 m
Distance in straight line from Start to Finish:	Same location	Approx Start Grid Ref:	OS186 812605		

Brief Description of Course

Terrain (Flat/Undulating/Severe Hills/etc.)	Mild undulating (north part of course) and remainder flat
Race Surface (city streets/country lanes/paths/etc.; amount off road e.g. on grass). Is it a Multi-terrain course?	All road/pavement except for start and finish on grass school field which is @150m in both directions (from start and to finish)
Course Configuration (single lap/multi lap/anti-clockwise/out & back/point to point)	Single Lap: Anti clockwise direction

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?	All road available only from school car park to next road junction (@250m and used twice (from start and to finish)), Otherwise only LHS of road available. LH pavement used for @450m (see map).
The line to be taken at right hand turns.	Only 2 RH turns are roundabouts which are used as per traffic flow. Good line of sight in all directions and marshalled during race.
Dates for race series & Any other information	6 June, 4 July and 1 August 2018. All evening races.1000 runner limit per race.

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:	P J Short	Date:	11 March 2018
Measurer's Address:	32 Queen Mary's Drive, Woodham, KT15 3TW	peter.short23@btinternet.com	
ACMS name/address:	Phil Holland	south@aukcm.org.uk	



COURSE MEASUREMENT DATA SHEET (feb 2011 ms word)

Event & Venue:	Yateley 10Km Race Series				
Measurer:	P J Short		Measurement Date:	11 March 2018	
Start time:	11.20	Temperature:	13.5c	Working Constant:	11620 per km
Finish time:	12.40	Temperature:	15.5c	<small>(i.e. Pre-measurement calibration figure)</small>	

SITE and/or LOCATION	COUNT	Increment in counts	Increment in distance	Accumulated distance	NOTES
Yateley School field, adjacent to throw circle (see map)	29600	-	-	-	START
Robin Hill House, last exit driveway, 2m after drain.	41220	11620	1 km	1 Km	
1m after access path onto common Land (on RHS of road)	52840	11620	1 Km	2 Km	
15m before 'Give Way' sign	64460	11620	1 Km	3 Km	
1m after Bridleway entrance	76080	11620	1 Km	4 Km	
Aligned with Home Park Road RH Kerb (as viewed from course)	87700	11620	1 Km	5 Km	
Just before 'The Link' roadway Entrance- aligned with LH lamp post	99320	11620	1 Km	6 Km	
1m before Footpath finger signpost.	10940	11620	1 Km	7 Km	
10m after 'Reduce Speed Now' sign.	22560	11620	1 Km	8 Km	
10m after lamp post No.4 (just before Waitrose Delivery entrance)	34180	11620	1 Km	9 Km	Runners on LH pavement
Yateley School field, adjacent to throw circle (see map)	45800	11620	1 Km	10 Km	FINISH *
*Finish count 45800 was 7.83m before start line BUT as this was within the 1/1000 safety factor (ie 10M) and course was a revalidation measurement due to 10 year expiry of SEAA08/042, NO change to start / finish line will be used.					

Constant for the Day:	11620 per Km	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:	P J Short	Date:	11 March 2018
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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	96500	00330.5	3830.5
Ride 2	04500	08331	3831
Ride 3	12600	16430.5	3830.5
Ride 4	20600	24430.5	3830.5

Pre-measurement

Average Count:	<input type="text" value="3830.625"/>
Time of Day:	<input type="text" value="09.00 to 09.35"/>
Temperature:	<input type="text" value="10.5 – 11c"/>

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	57700	61528	3828
Ride 2	66000	69828	3828
Ride 3	Not ridden as air temp causing a larger difference		
Ride 4			

Post-measurement

Date (if different):	<input type="text"/>
Average Count:	<input type="text" value="3828"/>
Time of Day:	<input type="text" value="15.10"/>
Temperature:	<input type="text" value="14.7c"/>

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:

Date: