

Bridlington Road Runners

Half Marathon

Sunday 16th October 2011

Course measurement report



Neil Pattison

Course measurer

24th September 2011

Introduction

The Bridlington half marathon has been held every year since 1983. It attracts runners from far and wide and is now organised by Bridlington Road Runners, after initially being established by the local football club.

The course starts on the sea-front then heads off out into the countryside via Sewerby, Flamborough and Bempton before returning to Bridlington. One more loop out to Sewerby, passing through Sewerby Hall grounds this time, before returning to Bridlington and the sea-front finish.

Start line on Bridlington Promenade



View along Bridlington Promenade from start line



Finish line on Bridlington Promenade



View approaching finish line





UK ATHLETICS/ARC

Race Data sheet



CERTIFICATE NUMBER.....

Location (County where licence is issued)	East Yorkshire
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RACE NAME	Bridlington Half Marathon
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PREVIOUS RACE NAME (IF APPLICABLE)	
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RACE DATE	16 October 2011	DISTANCE	13.1 miles
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DATE MEASURED	24 September 2011	MEASURED BY	Neil Pattison
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PROMOTING CLUB/ORGANISATION	Bridlington Road Runners
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RACE WEB SITE	www.bridlingtonrr.co.uk
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NAME AND ADDRESS OF RACE ORGANISER	Judy Allison, 55 Harland Road, Bridlington
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Email	brucenjudy@hotmail.co.uk
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HEIGHT IN METRES ABOVE SEA LEVEL	START	14	M	FINISH
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GRID REFERENCE FOR START (2 letters, 6 digits)	TA187670
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DISTANCE IN A STRAIGHT LINE BETWEEN START & FINISH	
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BRIEF DESCRIPTION OF COURSE: (a) TERRAIN (Flat, Undulating, Hilly, Total Ascent, etc.)
(b) RACE SURFACE (City streets, Country Lanes, Paths etc.)
(c) COURSE CONFIGURATION (Single lap, Double lap, Point to Point, Out and Back)

Single lap undulating course on promenade, roads and footpaths, starting and finishing on Bridlington promenade.

MEASUREMENT DETAILS (a) the section of road available to runners on race day (Full width of road; up to central white line; nearside lane of dual carriageway etc.)
(b) the line to be taken by runners e.g. at any right hand turns. Indicate on Map/Diagram if necessary

Up to centre of road available where white lines are in the road. Shortest possible route taken at all times.

	<input type="checkbox"/>	
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SIGNED <i>Neil Pattison</i>	COURSE MEASURER	DATE 24-9-11
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UK ATHLETICS/ARC

Bicycle calibration data sheet



Calibration Course Location	Crowlebank Road, Althorpe	Length	0.38	km
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Name of Measurer	Neil Pattison	Date of Calibration:	24 September 2011
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Measurement method used to determine calibration course length	
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Ride the calibration course 4 times, recording data as follows:

	Start Count	Finish Count	Difference	Pre - measurement	
Ride 1	45240	49453	4213		
Ride 2	49462	53674	4212	Average Count	4212.25
Ride 3	53674	57886	4212	Time of Day	6.30 am
Ride 4	57886	62098	4212	Temperature	10 °C

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

Working Constant:	11095.95	Counts per	KM
Working Constant:	17857.21	Counts per	MILE

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	Post - measurement	
Ride 1	44420	48633	4213		
Ride 2	48633	52843	4210	Average Count	4211.5
Ride 3	52845	57056	4211	Time of Day	7.25 pm
Ride 4	57056	61268	4212	Temperature	19 °C

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

Finish Constant:	11093.98	Counts per	KM
Finish Constant:	17854.03	Counts per	MILE
Constant for the Day = Either the Working Constant or the Finish Constant whichever is the larger.			

Constant for the Day:	17857.21	Counts per	MILE
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In some circumstances the smaller constant may be acceptable.

SIGNED *Neil Pattison*

Date: 24 September 2011



UK ATHLETICS/ARC

Course measurement data sheet



RACE NAME	Bridlington Half Marathon		
NAME OF MEASURER	Neil Pattison	DATE:	24-9-11
START TIME:	1030	AM	TEMPERATURE 18 °C
FINISH TIME:	1.00	PM	TEMPERATURE 21 °C
WORKING CONSTANT:	17857.2 1	PER	MILE (Pre. measurement)

The full course map is available online at

ACCUMULATIVE DISTANCE	COUNTER READING	INCREMENT COUNTS	TOTAL COUNTS	SITE LOCATION
				Note: A full description and location map is available also at :
START	87600	0	0	Bridlington Promenade 18m before lamppost 5 and 8m after unmarked lamppost
1 mile	5457	17857	17857	Marton Road 6m past 20 zone sign and 16m before lamppost 60
2 miles	23314	17857	35714	Sheep Raike Lane; telegraph pole 13
3 miles	41171	17857	53571	Flamborough Road, 19m before Danes Dyke sign and 3m past drain cover
4 miles	59028	17857	71428	Bempton Lane Flamborough, 8m before give way sign and 8m after lamppost 81
5 miles	76885	17857	89285	Bempton Lane, Flamborough; 12m before metal gate on left hand side.

6 miles	94742	17857	107142	Bempton Lane, Flamborough; 35m after road junction sign.
7 miles	12599	17857	124999	Bolan Lane Bempton; 40m past overhead bridge and 10m before height restriction sign
8 miles	30456	17857	142856	Bempton Lane; 10m before public bridleway sign and 40m after Hawthorn caravan site entrance
9 miles	48313	17857	160713	Bempton Lane; lamppost 24 opposite house number 123
10 miles	66170	17857	178570	Marion Road, Bridlington ; 3m before lamppost 12 and 5m after gate leading into woods.
11 miles	84027	17857	196427	12m after Sewerby Village sign
12 miles	1884	17857	214284	Cliff top path; 10m before small concrete post in middle of grass.
13 miles	19741	17857	232141	Promenade; 10m after end of foreshore office and 9m before lamppost 3.
finish	21526	1785	233926	first railing on right hand side of promenade, leading up slope.