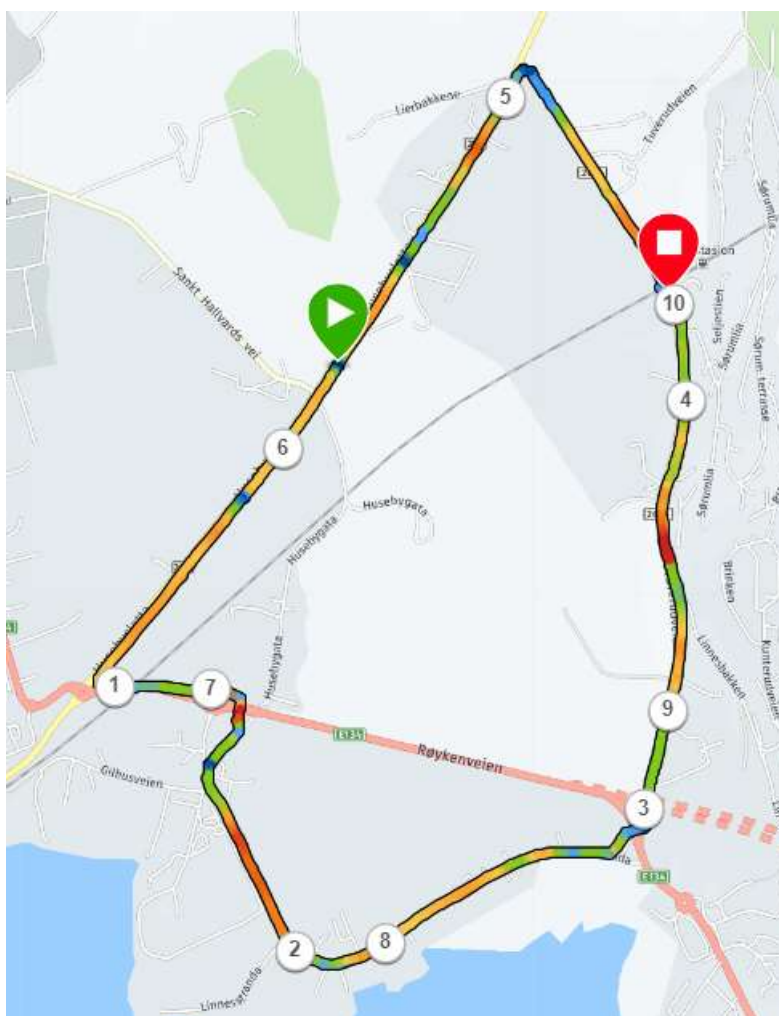


COURSE MEASUREMENT

Rekordløpet Lier 2022



SUMMARY SHEET

EVENT: *Rekordløpet*

LOCATION: *Lier, Norway*

DATE: *Every month in 2022*

Promoting Organisation: *Spikkestad Løpeklub*

Name & Address of race director: *André Hjorteseth*

Email: Andrehjorteseth.privat@gmail.com

Distance: *The course is not less than 5,744.80 m*
Measured by *Peer Jensen, Denmark*

Date: *26 July 2022, 16:15-17:05*

Measurement method: *Jones counter mounted on bicycle wheel*

Elevation, if not same, of: START 0 m FINISH 0 m

Distance, in a straight line, between start & finish: *0 m*

Distance, in a straight line, between start & finish of 10 km course: *1200 m*

Distance, in a straight line, between start & finish of ½ marathon course: *1600 m*

Description of the Course

Terrain: *nearly flat*

Race surface: *tarmac roads*

Course configuration: *point to point*

Start point: *Husebysletta. Clearly marked with permanent spray*

Finish line: *Husebysletta. Clearly marked with permanent spray (same place)*

Measurement Details

Section of road available: *The runners use only bicycle paths.*

Line to be taken at turns: *Shortest possible route.*

SIGNED: ... *Peer Jensen* DATE: *2022-07-28*

STEEL TAPING DATA

EVENT: *Rekordløpet*
LOCATION: *Lier, Norway*
DATE: *Every month in 2022*

For measuring a calibration course

Name of calibration course: Husebysletta
City/town and State: Lier, Norway
Date: 26 July 2022
Start time: 15:30
Finish time: 15:45
Pavement temperature: Start 22 °C Finish 22 °C Average 22 °C

Measurements and calculations:

First measurement. 50.00 m x 6 = 300 m
Second measurement. 50.00 m x 6 = 300 m
Average raw (uncorrected) measurement of course: 300 m
Temperature correction.
Correction factor = $1+(2*0.0000115) = 1.000023$

Final (adjusted) length of calibration course $300*1.000023 = 300.007$ m

Calibrations

Pre-measurement

Date/Time 26 July 2022 16:00
Temp. 22 °C

Start	End	Reading
5400	8627	3227
8700	11926	3226
12000	15225	3225
15300	18526	3226

Average 3226

Working Constant 10753.08/km
+ 1 % 10.75/km
Pre-measurement constant 11763.83/km

Post-measurement

Date/Time 26 July 2022 17:20
Temp 22 °C

Start	End	Reading
142300	145527	3227
145600	149825	3225
149900	153126	3226
153200	156426	3226

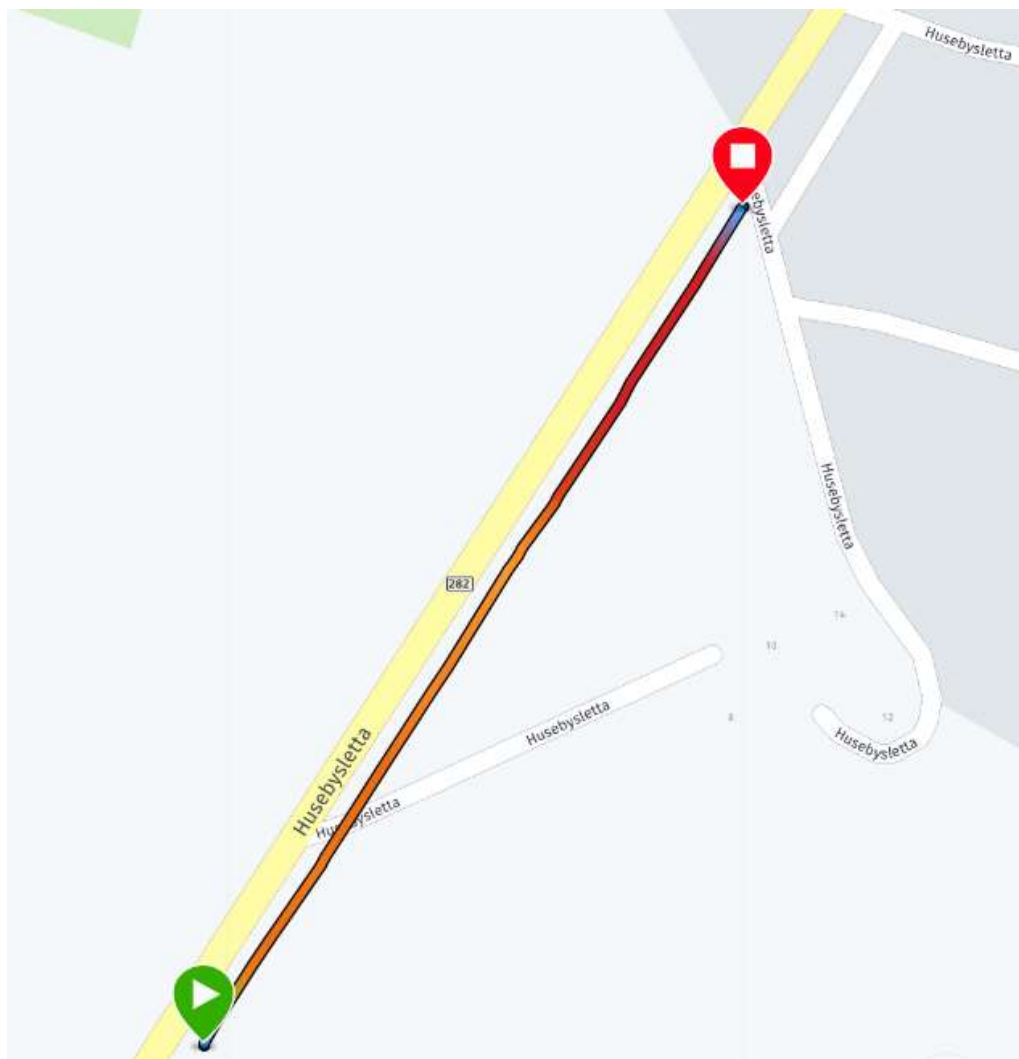
Average 3226

Working Constant 10753.08/km
 10.75/km
Post-measurement constant 10763.83/km

Measurement working constant: **10763.83/km**
Constant for the Day (average): **10763.83/km**

CALIBRATION COURSE MAP

EVENT: *Rekordløpet*
LOCATION: *Lier, Norway*
DATE: *Every month in 2022*



Calibration course 300 metres (part of race course)
Start point 10 km is directly on calibration course.

MEASUREMENT PROCEDURE

EVENT: *Rekordløpet*
LOCATION: *Lier, Norway*
DATE: *Every month in 2022*

Measurement working constant: **10763.83** (10753.08 without 1 ‰)
Measurement constant for the day **10763.83** (10753.08 without 1 ‰)

Measurement of the course:

16:15

I checked the local measurer's start points of 10 km and half marathon and finish point. Those points were clearly marked with permanent spray on the road and are used in every race.

Counter	Counts	Distance	Fix point
21800	0	0.00 m	10 km start Husebysletta. Clearly marked with spray
26042	4242	394.10 m	½ marathon start Husebysletta. Clearly marked with spray
67662	41620	3,866.65 m	Finish line. Clearly marked with spray
83669	16007	1,487.11 m	10 km start Husebysletta. Clearly marked with spray
87912	4243	394.19 m	½ marathon start Husebysletta. Clearly marked with spray
129499	41587	3,863.59 m	Finish line. Clearly marked with spray

The reason of 3 meters longer distance between ½ marathon start and finish line on the first round is that a turn was not taken as the shortest possible route.

Length of one round: $4242 + 41587 + 16007$ counts = 61836 counts = **5,744.80 m** (5,750.50 m)

Length of 10 km course:

$4242+41587+61836$ counts = 107665 counts = **10,002.50 m** (10.012.50 m)

Length of ½ marathon course:

$41587+61836+61836+61836$ counts = 227095 counts = **21,098.00 m** (21,119.00 m)

Conclusion: The local measurer has done an excellent job.

I recommend the courses to be certified as AIMS courses of 10 km and 21,097.50 m

MAP of finish area

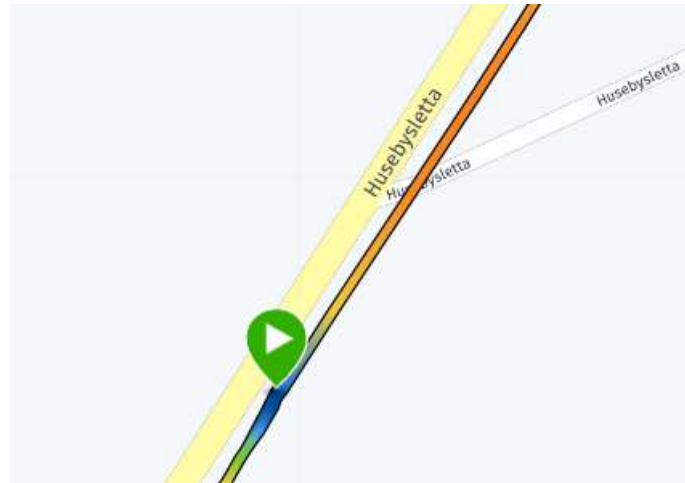
EVENT: *Rekordløpet*
LOCATION: *Lier, Norway*
DATE: *Every month in 2022*



Finish line: **Tuverudveien, 1 m after a big tree 20 m before tunnel (train above)
Same finish line as the AIMS certified 5 km course**

MAP of start area

EVENT: *Rekordløpet*
LOCATION: *Lier, Norway*
DATE: *Every month in 2022*



Start point 10 km: **Husebysletta**

MAP of the course

EVENT: *Rekordløpet*
LOCATION: *Lier, Norway*
DATE: *Every month in 2022*

