



**RAINER SOOS**  
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## COURSE MEASUREMENT REPORT: “OICHTENTAL – LAUF” 10000M

This is a measurement of a Halfmarathon, a 10km and 5km race at Nußdorf near Salzburg.

After recalibration, the exact turning point of the 5 km lap and the exact turning point of the first lap (6097,5m) of the halfmarathon was fixed.

I was accompanied by the organizer by bike.

## APPLICATION FOR CERTIFICATION OF A ROAD COURSE

**NAME OF COURSE:** “Oichtental- Lauf”, 10000m (Salzburg regional championships)

**DATE OF EVENT:** 14.04.2024

**ADVERTISED RACE DISTANCE:** 10000 m (two laps of 5000m)

**LOCATION OF START:** Nußdorf in front of Hauptstraße 22, opposite the “Spar Market” (variable)

**LOCATION OF FINISH (IF DIFFERENT):** -

**DIFFERENCE IN HEIGHT BETWEEN START AND FINISH:** -

**DIFFERENCE IN DISTANCE BETWEEN START AND FINISH [in % of the race distance]:** -

**OFFICIAL AIMS/WA COURSE MEASURER:**

Rainer Soos  
Kanzelweg 8  
A - 9220 Velden am Wörthersee  
Tel: 0043 699 121 11 340

**RACE DIRECTOR (IF COURSE IS MEASURED FOR SPECIFIC EVENT)**

NAME: **Florian Rausch (frausch@gmx.at)**  
ADDRESS: **5114 Göming, Kematin 34**

**DATE of the MEASUREMENT:** 08.03.2024

**TYPE OF TERRAIN:**                      FLAT                      ROLLING                      HILLY

**ALTITUDE:**

START: 435 m    HIGHEST: 440 m                      LOWEST: 420 m                      FINISH: 435 m

**TYPE OF COURSE:**                      OUT & BACK                      POINT-TO-POINT                      LOOP-COURSE

## DETAIL OF CALIBRATION COURSE

**NAME OF EVENT:** "Oichtental-Lauf" 10000m

**NAME OF CALIBRATION COURSE:** Feldweg bei Steinbach

**LENGTH OF CALIBRATION COURSE:** 150 m

**CITY:** Nußdorf am Haunsberg

**DATE MEASURED:** 08.03.2024

**METHOD USED TO MEASURE CALIBRATION COURSE:** steel tape

**HOW ARE START AND FINISH POINTS MARKED:** survey nails

**MEASURING TEAM LEADER:**

Rainer Soos  
Kanzelweg 8  
9220 Velden am Wörthersee  
Tel.: +43 699 12 11 13 40

## BICYCLE CALIBRATION DATA SHEET

**DATE OF MEASUREMENT:** 08.03.2024

**LENGTH OF CALIBRATION COURSE:** 150 m

### **PRE - MEASUREMENT:**

RIDE	START COUNT	FINISH COUNT	DIFFERENCE
1	467000	468711	1711
2	468711	470421	1710
3	470421	472133	1712
4	472133	473844	1711

**time of day:** 02:00 pm

**temperature:** 10 °C

### **PRE-MEASUREMENT AVERAGE COUNT:**

$$\begin{array}{rclclcl} 6844 & : & 4 & = & 1711 & = & 11406,66667 / \text{km} \\ 11406,66667 & \times & 1,001 & = & 11418,073333 & \text{WORKING CONSTANT} \end{array}$$

### **POST - MEASUREMENT:**

RIDE	START COUNT	FINISH COUNT	DIFFERENCE
1	561000	562711	1711
2	562711	564423	1712
3	564423	566135	1712
4	566135	567847	1712

**time of day:** 03:30 am

**temperature:** 10 °C

### **POST-MEASUREMENT AVERAGE COUNT:**

$$\begin{array}{rclclcl} 6747 & : & 4 & = & 1711,75 & = & 11411,66667 / \text{km} \\ 11411,66667 & \times & 1,001 & = & 11423,07883 & \text{FINISHING CONSTANT} \end{array}$$

**CONSTANT OF THE DAY:** **11420,57583 per km**

average of both Working Constant and Finishing Constant = Constant of the Day

# COURSE MEASUREMENT DATA SHEET

**DATE:** 08.03. 2024

**CONSTANT FOR THE DAY:** 11420,57583 counts/km

**START TIME:** 02:20 pm

**TEMPERATURE:** 10 °C

**FINISH TIME:** 03:00 pm

**TEMPERATURE:** 10 °C

## MEASUREMENT 1: one lap of 5km

**START COUNT 1:** 478000

**FINISH COUNT 1:** 535145

**DIFFERENCE 1:** 57145

**LENGTH OF COURSE AS MEASURED:** 5003,69 m

The lap will be too long.

We moved the virtuell turning point: 1,85m direction Nußdorf.

The race will be two laps of 5000m.

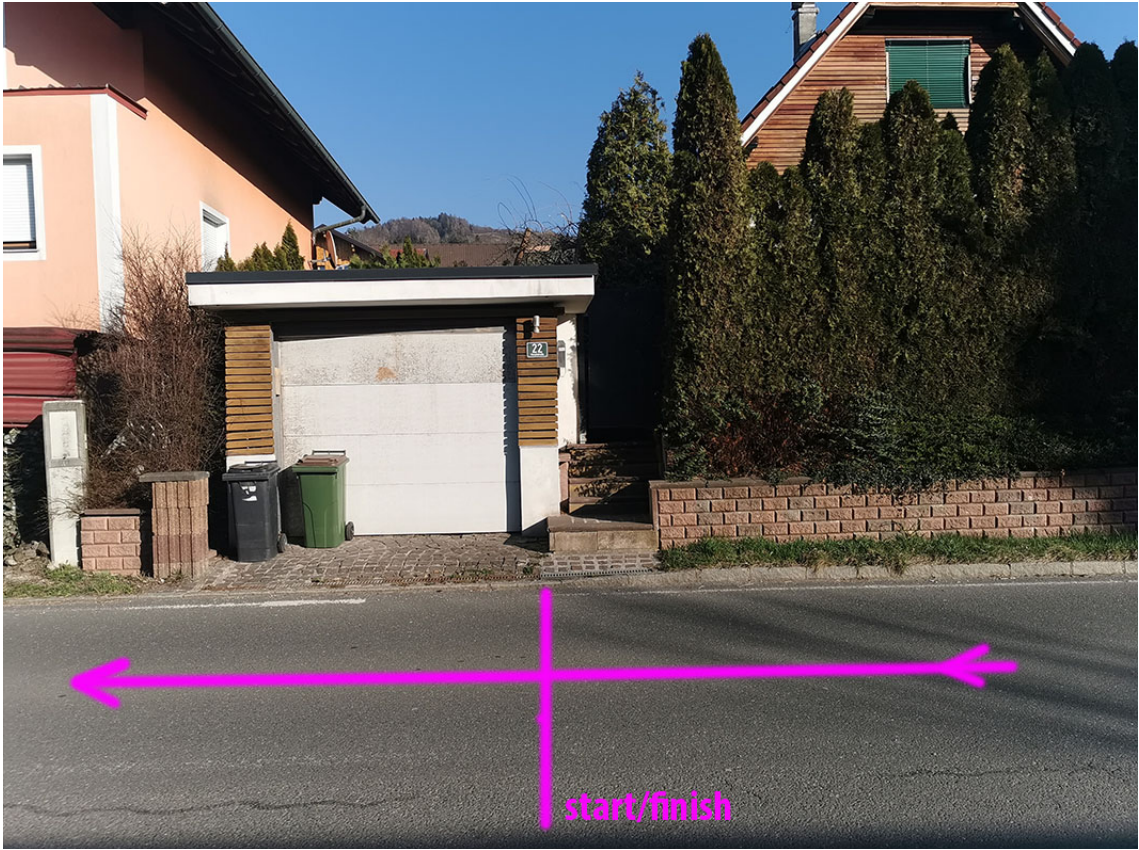
## Description of the course

**Start:** Nußdorf opposite of the "Spar" market, in front of Hauptstraße 22 (variable)

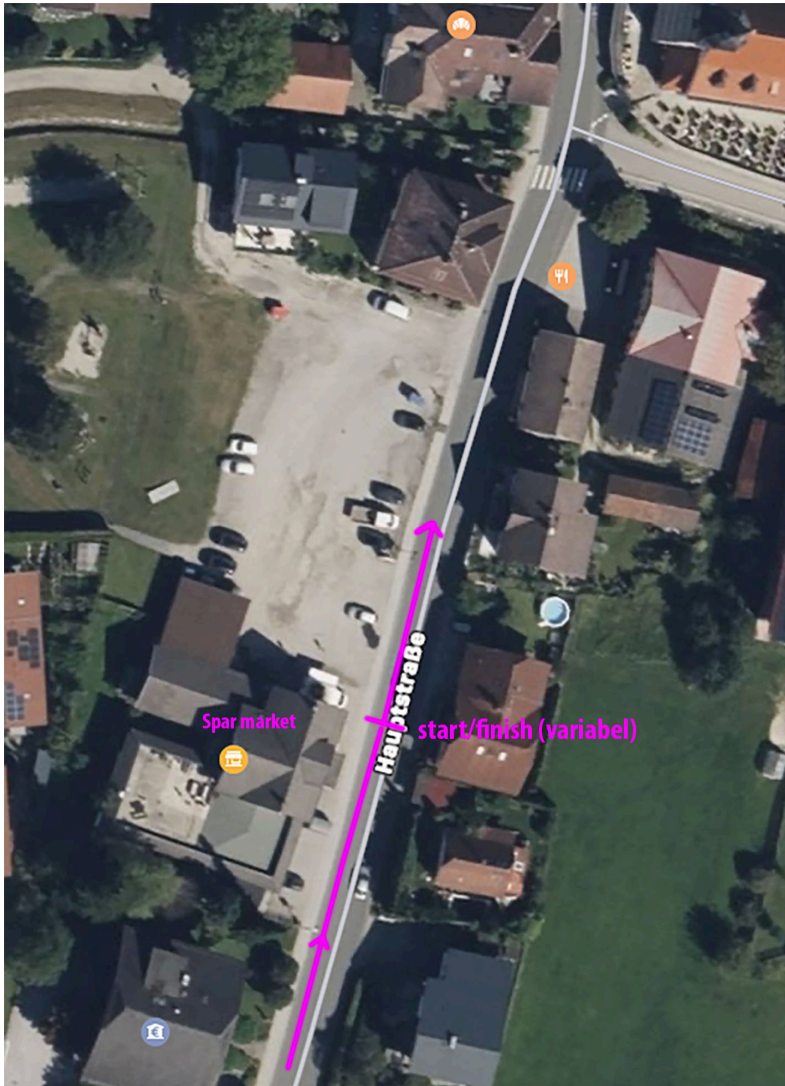
two laps (5000m):

Nußdorfer Landesstraße direction north → turning point near Steinbach → back direction Nußdorf →  
Nußdorfer Landesstraße direction south → turning point at Waidach → back direction Nußdorf (start/finish  
line)

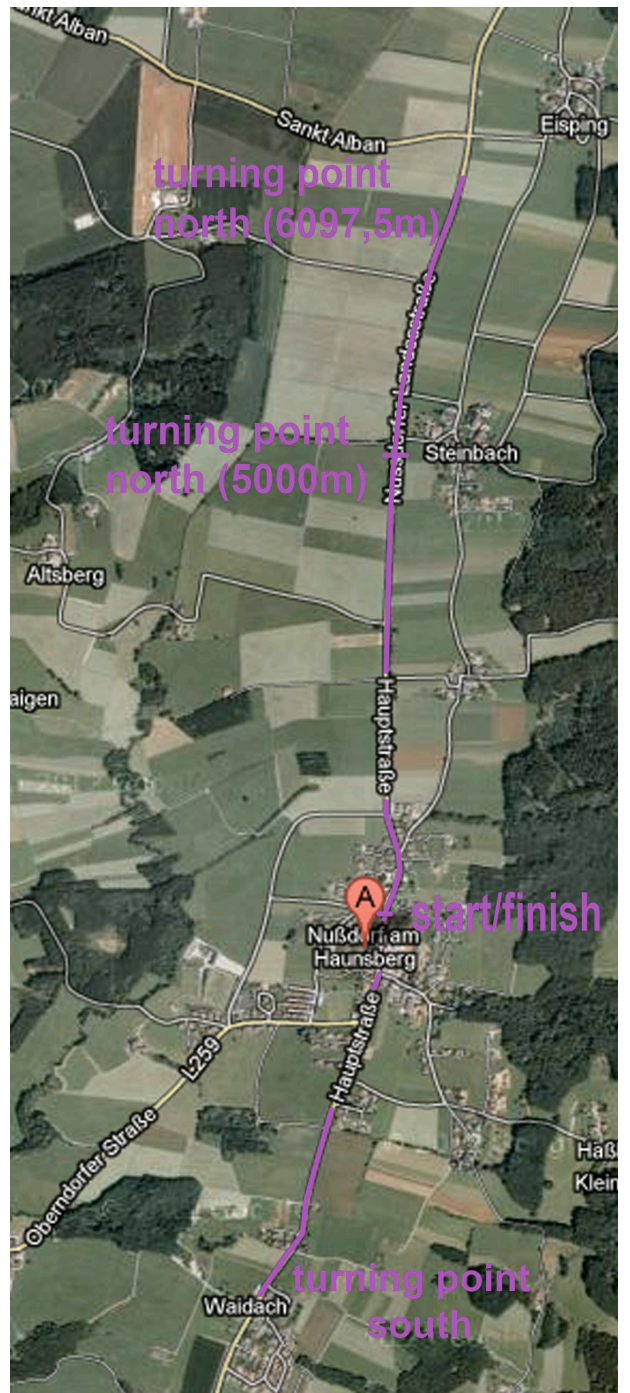
**finish:** Nußdorf opposite oft the „Spar“ market (variable), Hauptstraße 22





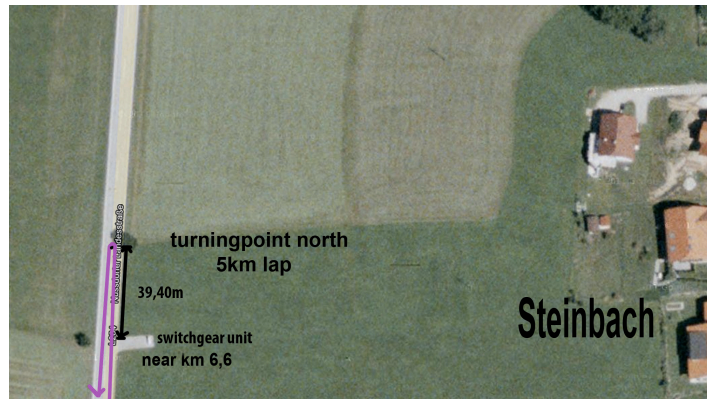


start/finish of the race

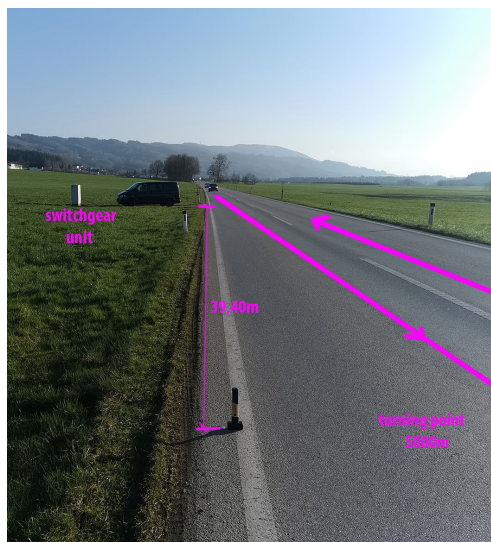




turning point south



turning point north of the lap of 5km near switchgear unit (39,40m direction north)



turning point 5000m



provisional  
**ROAD RACE  
 COURSE MEASUREMENT  
 CERTIFICATE**

Name of Race:	<b>“Oichtental – Lauf” 10000m</b>		
Location:	<b>Nussdorf am Haunsberg</b>	Country:	<b>Austria</b>
Date of Race:	<b>14.04.2024</b>	Distance of Race:	<b>10000 m</b>
Measured Distance of Course:	<b>10000 m</b>	Date Measured:	<b>08.03.2024</b>
Altitude (in metres above sea level)			
Start: <b>435 m</b>	Highest: <b>440 m</b>	Lowest: <b>420 m</b>	Finish: <b>435 m</b>
Type of Course:	<b>Loop course</b>		
Local Race Measurer:	<b>Florian Rausch (frausch@gmx.at)</b>		
Address:	<b>5114 Göming, Kematin 34</b>		
Method of Measuring:	<b>Bicycle</b>	<b>Steel tape</b>	
IAAF Approved Course Measurer:	<b>Rainer Soos</b>		
Address:	<b>Kanzelweg 8 9220 Velden am Wörthersee Austria</b>		

This is to certify that the course described above and defined by the attached map has been measured and approved for certification. The course measurement complies with WA Rules for Road Race Course Measurement and the measured distance is not less than the official distance for the event. It remains valid for five years. Any modification of the course, however minimal, will require a new official measurement.



Signature  
 WA Approved Course Measurer

08.03.2024  
 Date