



GORDION 10 K RACE

FILE OF MEASUREMENT

2023

The Course

TUR / 2023/ /

Rıdvan DOĞAN- Rifat ARABACI
Grade B Mesureurs - W.A. / A.I.M.S.

WA – AIMS COURSE MEASUREMENT DETAILS Request for Certificate of measurement

Application for a certificate to be attached to the complete report concerning the measurement
Please join this request to the complete report of measurement

Name Of The Race : *GORDION 10 K RACE*

Distance : 10 000 m

City : POLATLI / ANKARA

Country : TURKIYE (TUR)

Type of course (type de circuit) : 1 **laps out and back**

Date of event : 05 Nov 2023

Date of measurement) : 02 Oct 2023

AIMS member : yes / no

W.A. label : yes/ no

Start Altitude : 699 m **Finish Altitude :** 699 m **HIGHEST POINT :** 699 m

SEPARATION BETWEEN START AND FINISH 0 m

W.A - AIMS Measurer(s) with adress and Mail : **Rıdvan DOĞAN**
TEKIN SK.HAVUZ SIT.3E D 13 KADIKOY-İSTANBUL (TUR) aridvandogan@yahoo.com

W.A -AIMS Measurer(s) with adress and Mail : **Rifat ARABACI**
SAKIZAGACI APT N 10 D 11 KARTAL/İSTANBUL (TUR) arabacirifat@gmail.com

W.A-AIMS Grade Measurers (grade des mesureurs) : B

Country of the measurers (pays des mesureurs) : TUR

Part reserved for the administrator

AIMS-W.A. area Administrator : **Lucija Kolić** (lucijakolic@gmail.com)

Date registered :

Certificate Number :

Expiry Date : 31/12/



GORDION 10 K RACE

FILE OF MEASUREMENT

2023



Rıdvan DOĞAN- Rifat ARABACI
Grade B Mesureurs - W.A. / A.I.M.S.



GORDION 10 K RACE



APPLICATION FOR CERTIFICATION OF A ROAD COURSE

NAME OF EVENT	GORDION 10 K RACE
RACE DATE	08 Nov 2023
ADVERTISED RACE DISTANCE	10.000 m
LOCATION OF START	The start is located in front of YASSI HÖYÜK at 9.31m Street lamp.
LOCATION OF FINISH	SAME AS START
MEASURES	Rıdvan DOĞAN Grade B Measurer TEKIN SK.HAVUZ SIT.3E D 13 KADIKOY-İSTANBUL (TUR) aridvandogan@yahoo.com Rıfat ARABACI Grade B Measurer SAKIZAGACI APT N 10 D 11 KARTAL/İSTANBUL (TUR) arabacirifat@gmail.com Country of the measurers : TÜRKİYE
RACE ORGANIZER	COORDONNEES DE L'ORGANISATEUR (Association ou club - Nom du responsable - Adresse - Téléphone) : Polatlı Municipality . Kurtuluş Mah. Adnan Menderes Cad. No:20 Polatlı/ANKARA http://www.polatli.bel.tr/ Managing Director Kadim KOÇ 0507 692 10 83 tarihialanlartanitimmerkezi@gmail.com
TYPE OF TERRAIN	FLAT WITH LIGHT SHORT UPHILLS/DOWNHILLS
TYPE OF COURSE	LOOP COURSES
ELEVATION	START/FINISH 699 m HIGHEST POINT 699 m SEPPARATION BETWEEN START AND FINISH 0 m



Country name: Certificate N°: Start time: **10 00 h'** Start temperature : **19° C**

Date of readings: **02 Oct 2023** End time :**12 h 45'** End temperature : **20° C**

Event name: **GORDION 10 K RACE (TUR) –10.000 km**

Expected date: **05 Nov 2023**

Official measurer: Name: **Rıdvan DOĞAN - Rifat ARABACI** Qualification : **Mesureur, grade B**

Calibration base : **YASSI HÖYÜK ROAD**

TURKIYE

Preamble

At the request of the Organizing Committee and with the agreement of the International Measurement Administrator, **Lucija Kolić** , the measurement of the **GORDION 10 K RACE in POLATLI/ANKARA (TUR)**, 2023 edition, was carried out on **02 Oct 2023**.

This mission, carried out according to the rules of the art, according to the standards and regulations W.A. A.I.M.S. currently in force, took place in excellent weather conditions, in good, cool weather.

The measurement was carried out by Rıdvan DOĞAN, Rifat ARABACI WORLD ATHLETICS grade B measurers.

For this measure we have benefited from the help and effective collaboration of the Organizing Committee of the 10 K RACE and especially M.Ömer Sarıkaya (+90 530 040 75 51) who has a perfect knowledge of the circuit

During the measurement, security was provided by the organization officer. The start and finish are in front of YASSI HÖYÜK square, The street lamp that is on the left of the road is the distance 9,31 m .

(see photos). START & END FIXED HEIGHTS

The circuit of the **GORDION 10 K RACE (TUR) 10.000 M**, 2023 edition, is approved by the international measurement administrator under the number **TUR / 2023 / B** dated **02 Oct 2023**.

Without modification, the period of validity of this measurement is 5 years.

I extend my thanks to the President of the Organizing Committee and to all the participants in this measure for their help, assistance, availability and the perfect organization of my stay.

RIDVAN DOĞAN-RIFAT ARABACI
B.Measurers



CERTIFICATE OF MEASUREMENT OF A PEDESTRIAL RACE

I certify that I have carried out, according to the W.A. protocol of the bicycle calibrated at the Jones Counter, the measurement records of the pedestrian race of **GORDION 10 K RACE (TUR) 21,0975 K**

organized on: **05 Nov 2023**

Delete unnecessary metnins: ~~1 - This statement is the conclusion of my 2 personal measurement records, allowing to conclude that the proposed circuit measured the distance of:~~

2 - Having made only one measurement reading, it was compared to the measurement reading of another official (attach this second reading) and we concluded that the proposed circuit measured the distance of: **9.99348 m**

3 - Consequently, Consequently, we proposed to the organizer the following modification: the circuit being too short of (tp virage 3,14 m+1,69 m x2) 6,52 m, we carried out the line, At the Kiran Harmanı Road by extending of provided Measured using STANLEY Class II metal tape. This modification makes it possible to bring the final distance of the course of the event referenced above to: **10.000** meters.

4 - **The start** is located, in front of YASSI HÖYÜK square, (see photos).

At 9,31 m Street lamp (see photos).

The arrival is located, in front of YASSI HÖYÜK square, (see photos).

At 9.31 m Street lamp (see photos).

The starting and finishing points and the intermediate kilometres, start, 1,5,TP, finish have been marked by triangulation, painted and studded (see plans and photos in this file)

5 - I attach to this certificate the signed plans of the circuit as well as the description of the detailed statements of all the landmarks and all the restrictive conditions agreed with the organizer (marking of the sidewalks, direction of the bypass of the roundabouts , precise location of the barrier, precise details of departure and arrival)

Signature of measurers

Ridvan DOGAN Rifat ARABACI
R.D R.A

Names and signatures of helpers

M.Ömer Sarıkaya
Ö.S.

COORDONNEES DE L'ORGANISATEUR (Association ou club - Nom du responsable - Adresse - Téléphone) : **Polatlı Municipality .Kurtuluş Mah. Adnan Menderes Cad. No:20 Polatlı/ANKARA**

<http://www.polatli.bel.tr/>

Managing Director : Kadim KOÇ 0507 692 10 83 tarihialanlartanitimmerkezi@gmail.com

DETAIL OF CALIBRATION COURSE



Determining a BASE for calibration



Base Name

YASSI HÖYÜK ROAD

TUR

Pays

City

POLATLI / ANKARA

Date of Statements

17.03.2023

Start time : **09H12**

Start temperature : **16°C**

End time : **09H39**

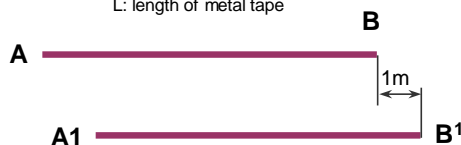
End temperature : **17°C**

First measurement

A: starting point (definitive)
n: number of ribbon transfers

B: end point
L: length of metal tape

$$AB = n \times L = 6 \times 50m = 300 \text{ m}$$



Second measure

BB1 = 1.00m and start from B1 in the opposite direction

$$BA = (n \times L) - BB^1 + AA^1 = \mathbf{300,000m} \quad \text{Average of the 2 measurements: } \mathbf{300,000}$$

F.C.T (thermal correction factor): **0.9999594**

Corrected measurement of AB = average of measurements **299,987 M**

moving away

We obtain the end point **F** point B of **0,013 m** relative to point **A**

→ by bringing closer

The BASE of calibration with the metal tape between points A and F of definitive benchmarks (painted and studded)
Registration number

is certified for the distance of :

300 meters

4

TUR

2023

Location and description of the Base's landmarks: **YASSI HÖYÜK ROAD (TUR)**

On Point **A**: Right side, electric panel, at 4.43 m

On Point **F**: Right side, Village house, at 33.62 m

Name and signatures of measurers

DOGAN Ridvan

ARABACI Rifat

Names of assistants

Kadim KOÇ

Signed plans attached in Annex



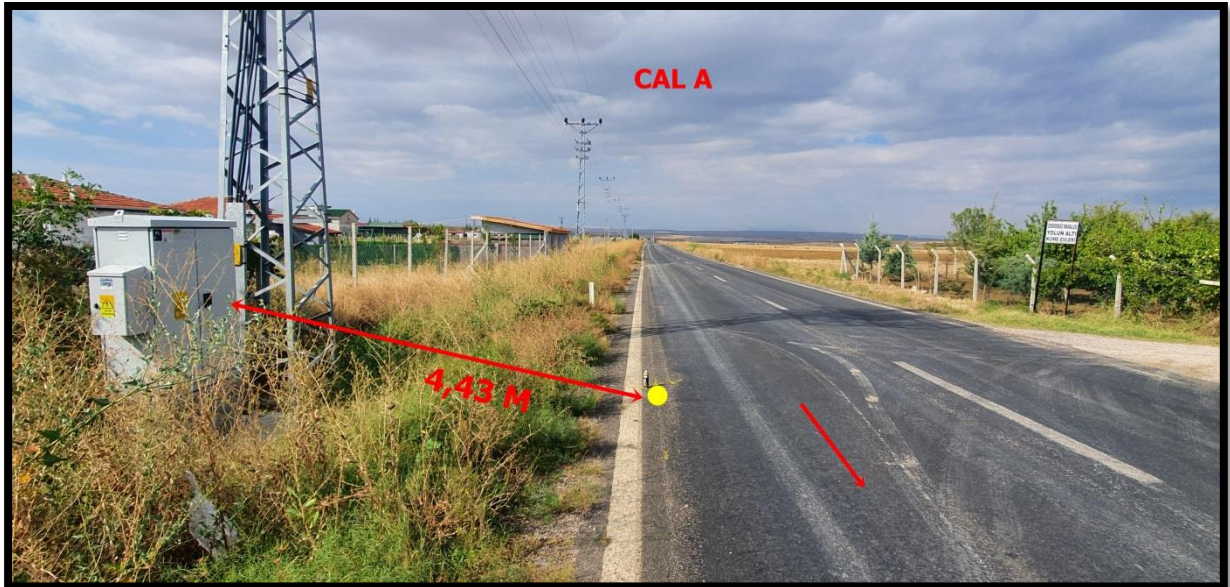
GORDION 10 K RACE



DETAIL OF CALIBRATION COURSE

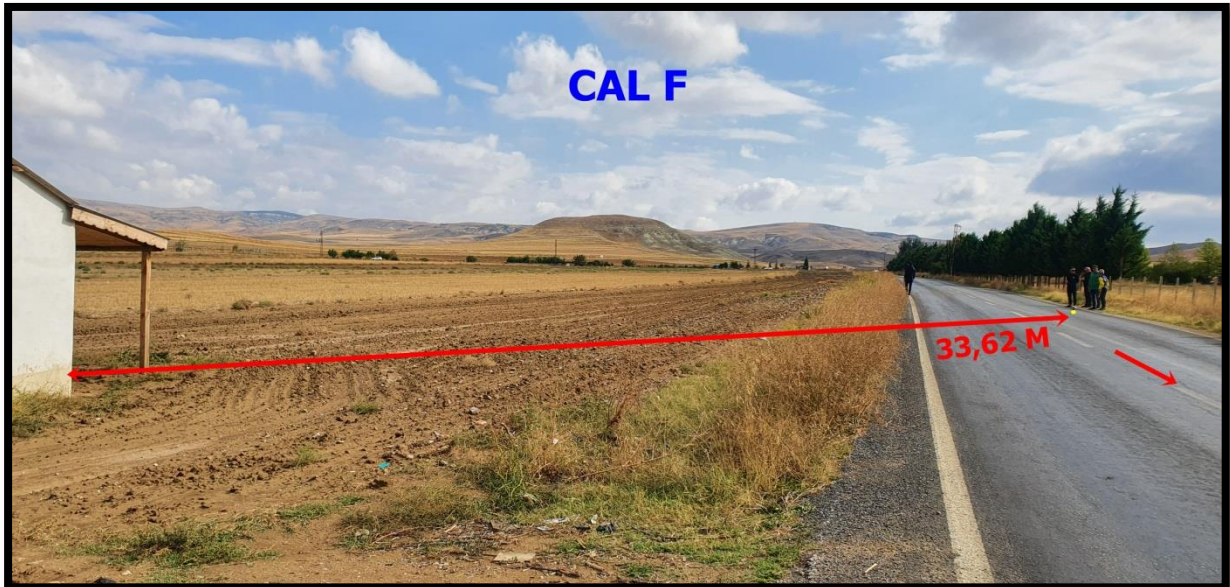
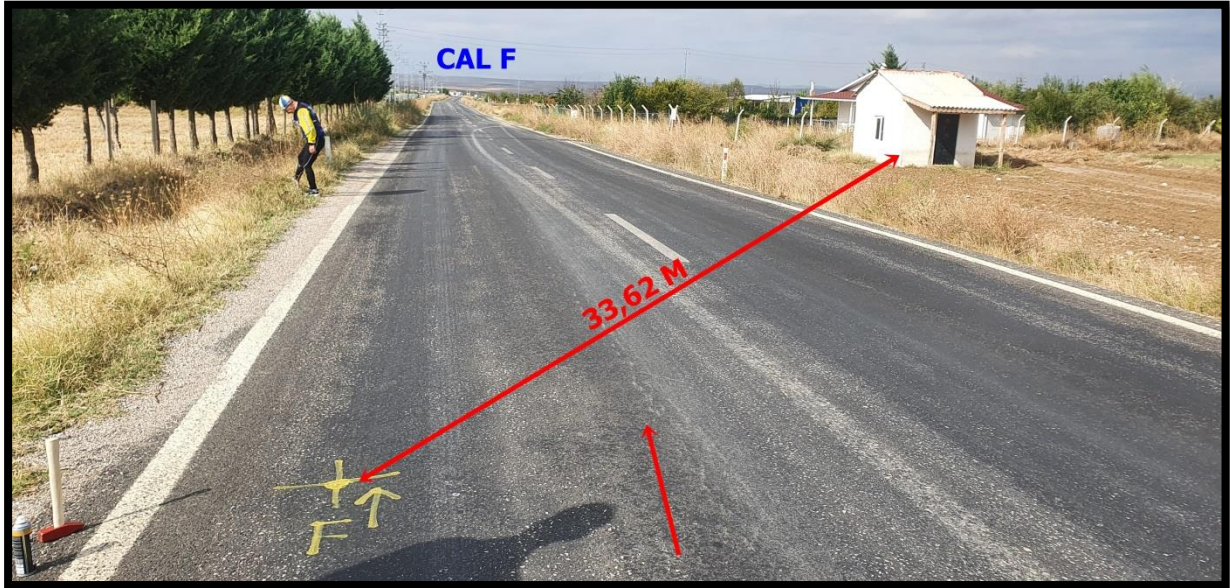
NAME OF EVENT	GORDION 10 K RACE
LOCATION OF CALIBRATION COURSE	YASSI HÖYÜK ROAD
LENGTH OF CALIBRATION COURSE	300 m
DATE/TIME/TEMPERATURE	02.10.2023 /09:39/17 °C
CITY/COUNTRY	ANKARA/ POLATLI/TUR
MARKINGS	STEEL NAILS, COLORFUL SPRAY
MEASURERS	Rıdvan DOĞAN-Rıfat ARABACI (B grade)

DETAIL OF CALIBRATION COURSE



Roll -1.8° Pitch -15.0°
MAGNETIC FIELD 40 μ T
N 39°38'27.355", E 32°3'53.542"
İsimsiz Yol Çabigöteği, Ankara
308° NW 312° NW

DETAIL OF CALIBRATION COURSE



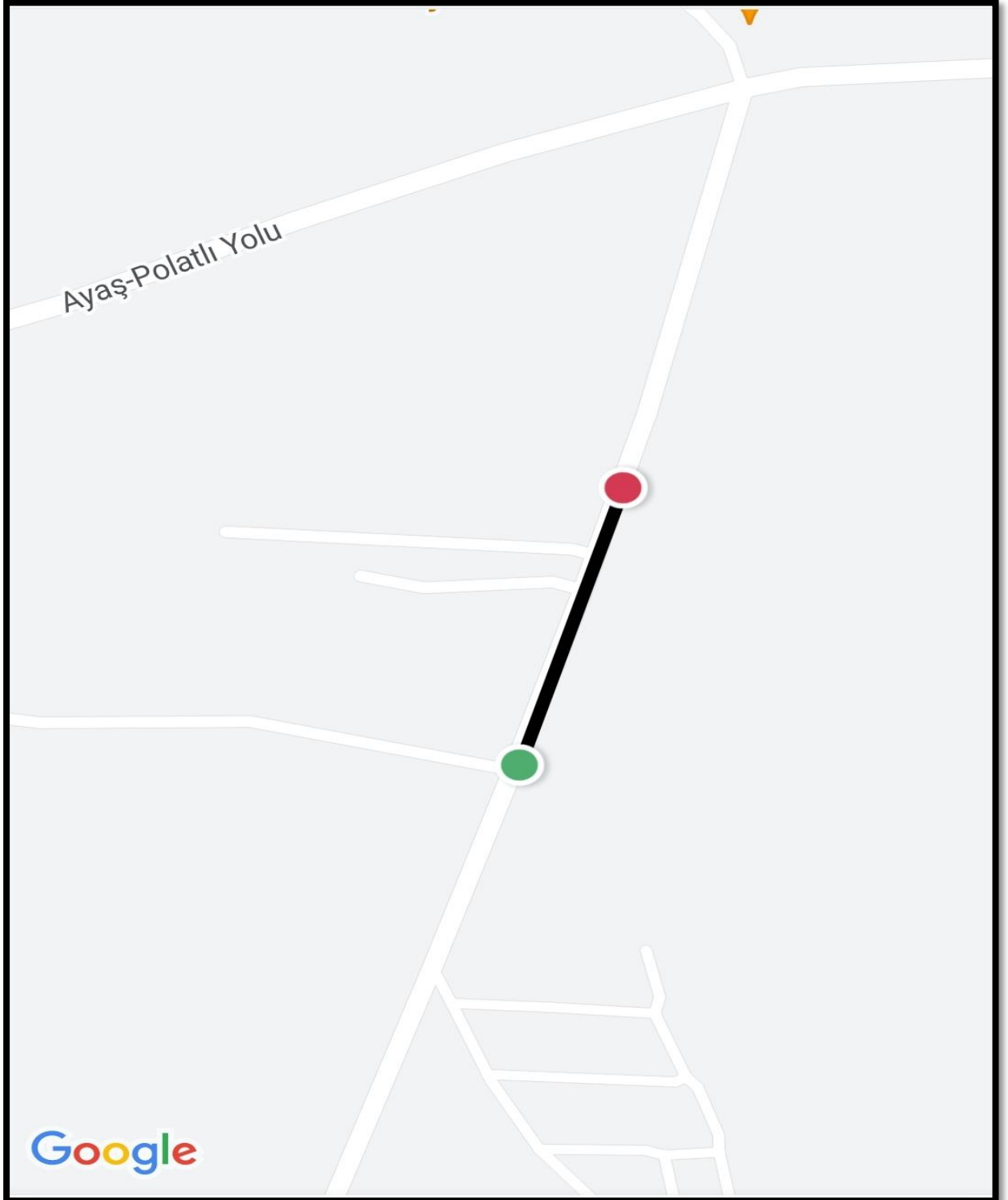
Roll 2.8° Pitch -11.9°
MAGNETIC FIELD 46 μT
N 39°34'31.466", E 32°4'37.831"
Ankara Eskişehir Yolu Üçpınar, Ankara
233 SW 241° SW



GORDION 10 K RACE

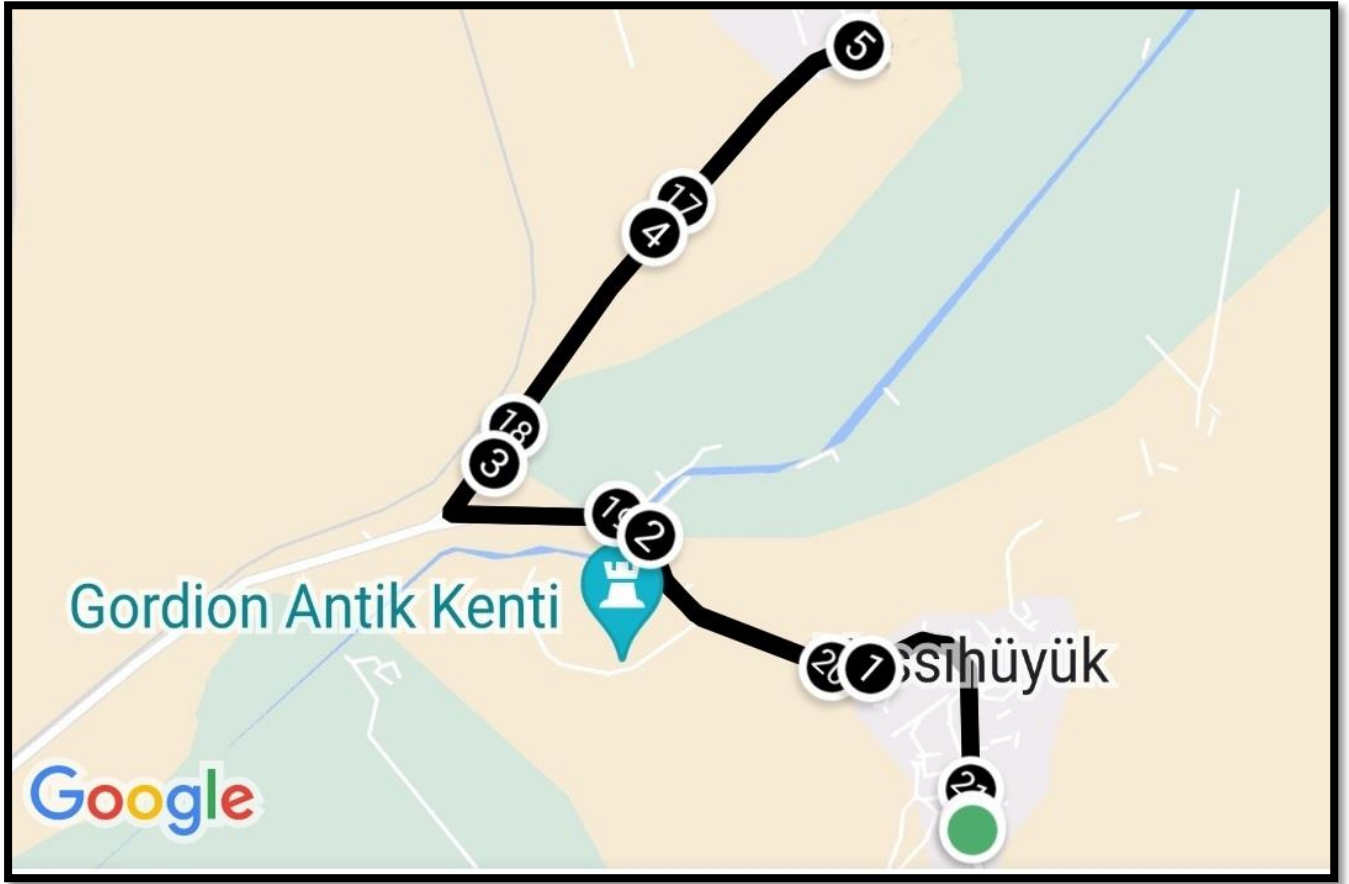


CALIBRATION COURSE



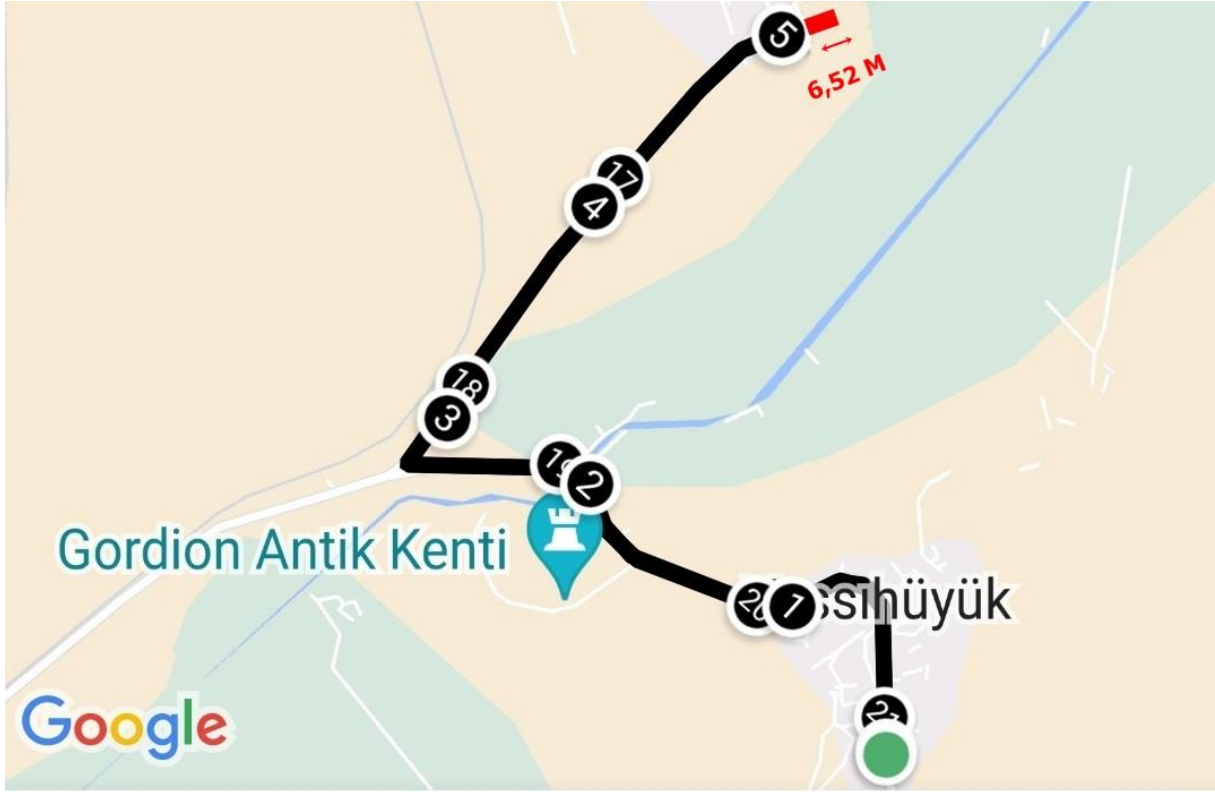
RIDVAN DOĞAN-RIFAT ARABACI

RACE COURSE



RIDVAN DOĞAN-RIFAT ARABACI

ADJUSTMENTS POINT



RIDVAN DOĞAN-RIFAT ARABACI

(tp virage 3,14 m+1,69 m x2) 6,52 m



GORDION 10 K RACE

CALIBRATION & COUNTERS



GORDION 10K 02.10.2023

PRE-CALIBRATION

	Start Count	Finish Count	Difference
1	950000	953374	3374
2	953300	956674	3374
3	956600	959974	3374
4	959900	963274	3374
			13496

POST-CALIBRATION

Start Count	Finish Count	Difference
345400	348773	3373
348700	352073	3373
352000	355373	3373
355300	358673	3373
		13492

$$13496/4=3374$$

$$3374 \times 1.001 \times 3,3333 = 11257,800$$

$$\text{Working Constant} = 11257,800$$

$$\text{Constant For The Day} = 11256,132$$

$$13492/4=3373$$

$$3373 \times 1.001 \times 3,3333 = 11254,464$$

$$\text{Finish Constant} = 11254,464$$

11256,132	READING	Cum.Count	Cum.Distance	Difference
Start Count	35600			
PR1	46842	11242	0,99874	0,00126
PR5	91880	56280	4999,94	
TP	216941			
FINISH	273149	56208	4993,54	
		4999,94+4993,54=9993,48		6,52

RIDVAN DOGAN B GRADE



GORDION 10 K RACE

CALIBRATION & COUNTERS



GORDION 10 K RACE

PRE-CALIBRATION

Start Count	Finish Count	Difference
686000	689362	3362
689362	692725	3363
692725	696087	3362
696087	699450	3363
		13450

POST-CALIBRATION

Start Count	Finish Count	Difference
10000	13363	3363
13363	16727	3364
16727	20090	3363
20090	23454	3364
		13454

3362,5
33,62X1.001X3,3333=
Working Constant=

Constant For The Day=

11219,429
11219,429

11221,098

3363,50
3363,50X1.001X3,3333=
Finish Constant=

11222,766
11222,766

	READING	Cum.Count	Cum.Distance	Difference (+)
Start Counter	772000			
PR 1	783212	11212	0,99919	0,0008
PR 5	828102	56102	4,9997	0,0003
10 K TP TO FINISH	952775			
FINISH	1008819	56044	4,9945	9,9942

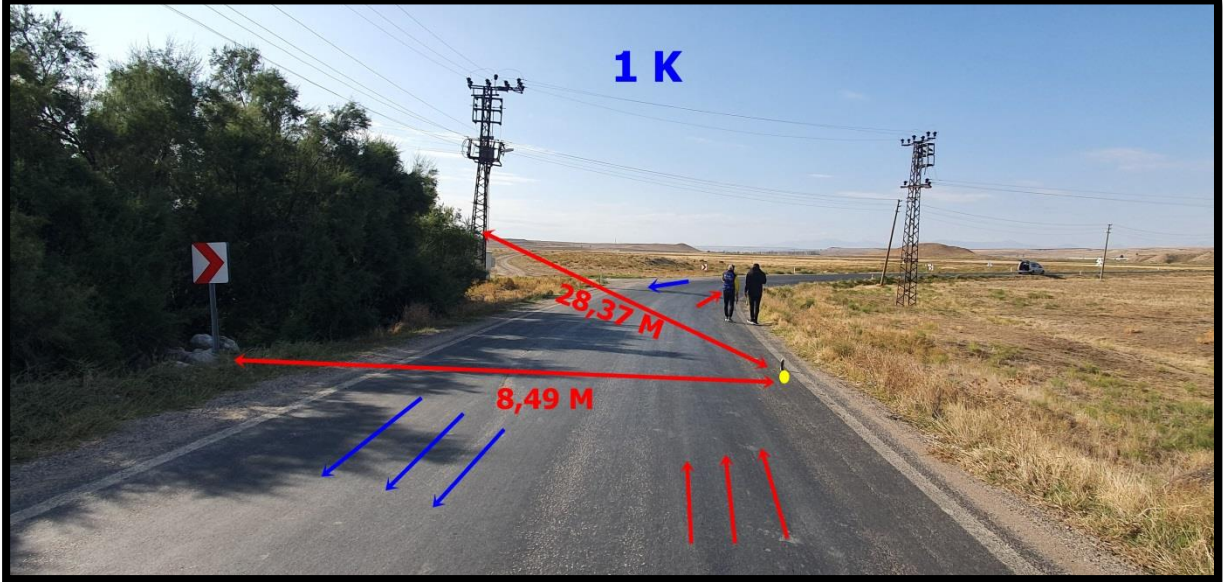
10,000-9,9942 = 0,00579

Rifat ARABACI

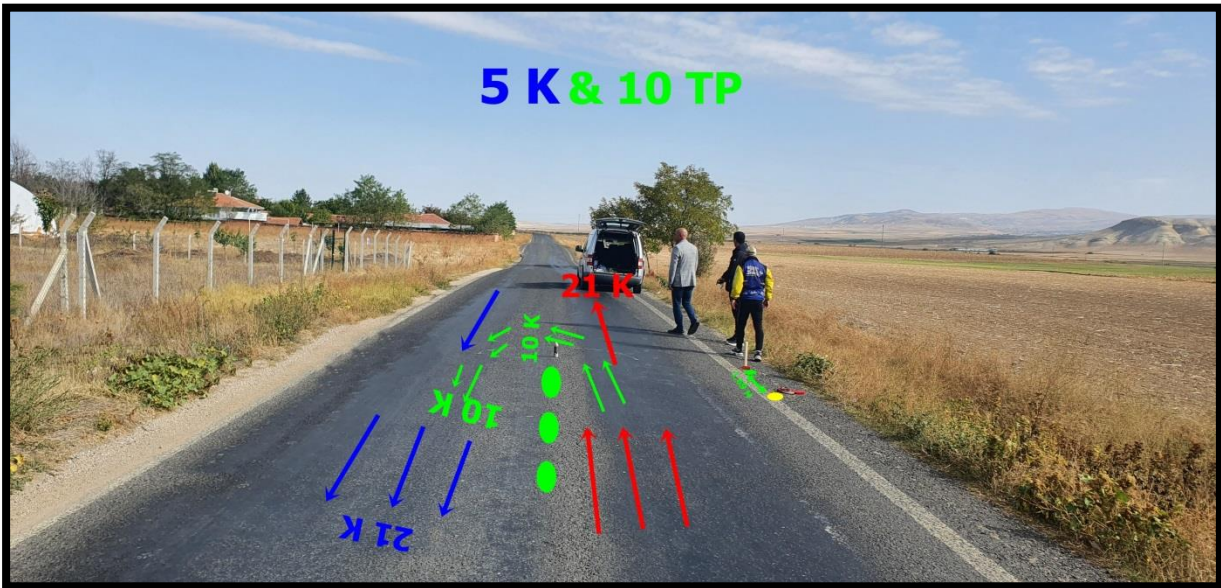
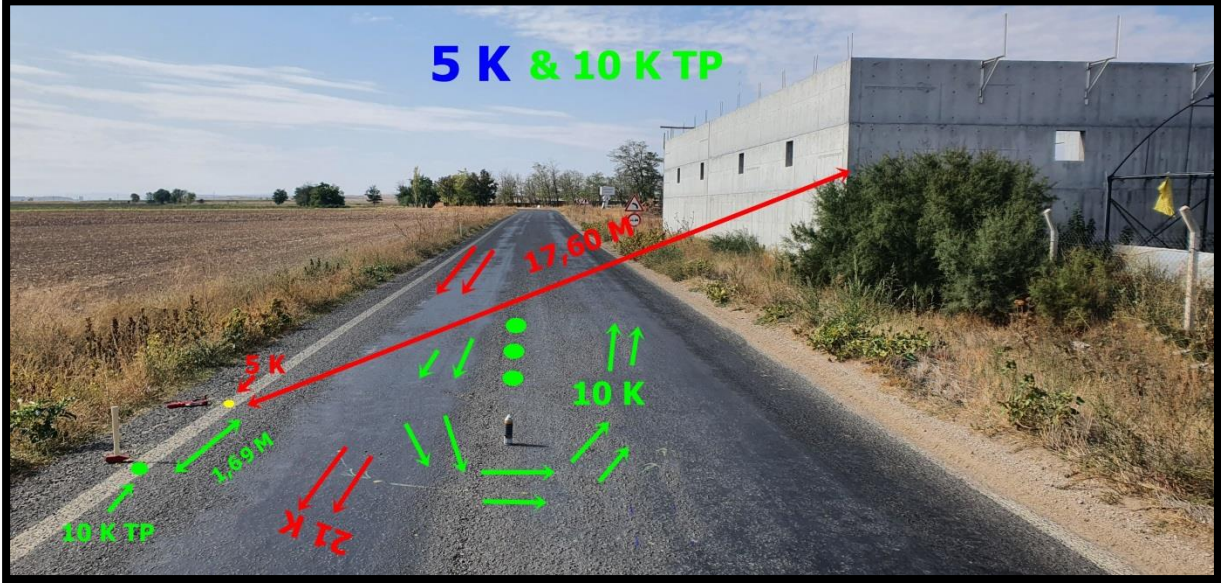


Roll -0.6° Pitch -11.6°
MAGNETIC FIELD 53 μT
N 39°39'13.095", E 31°59'44.936"

305° NW **TRUE HEADING 309° NW**



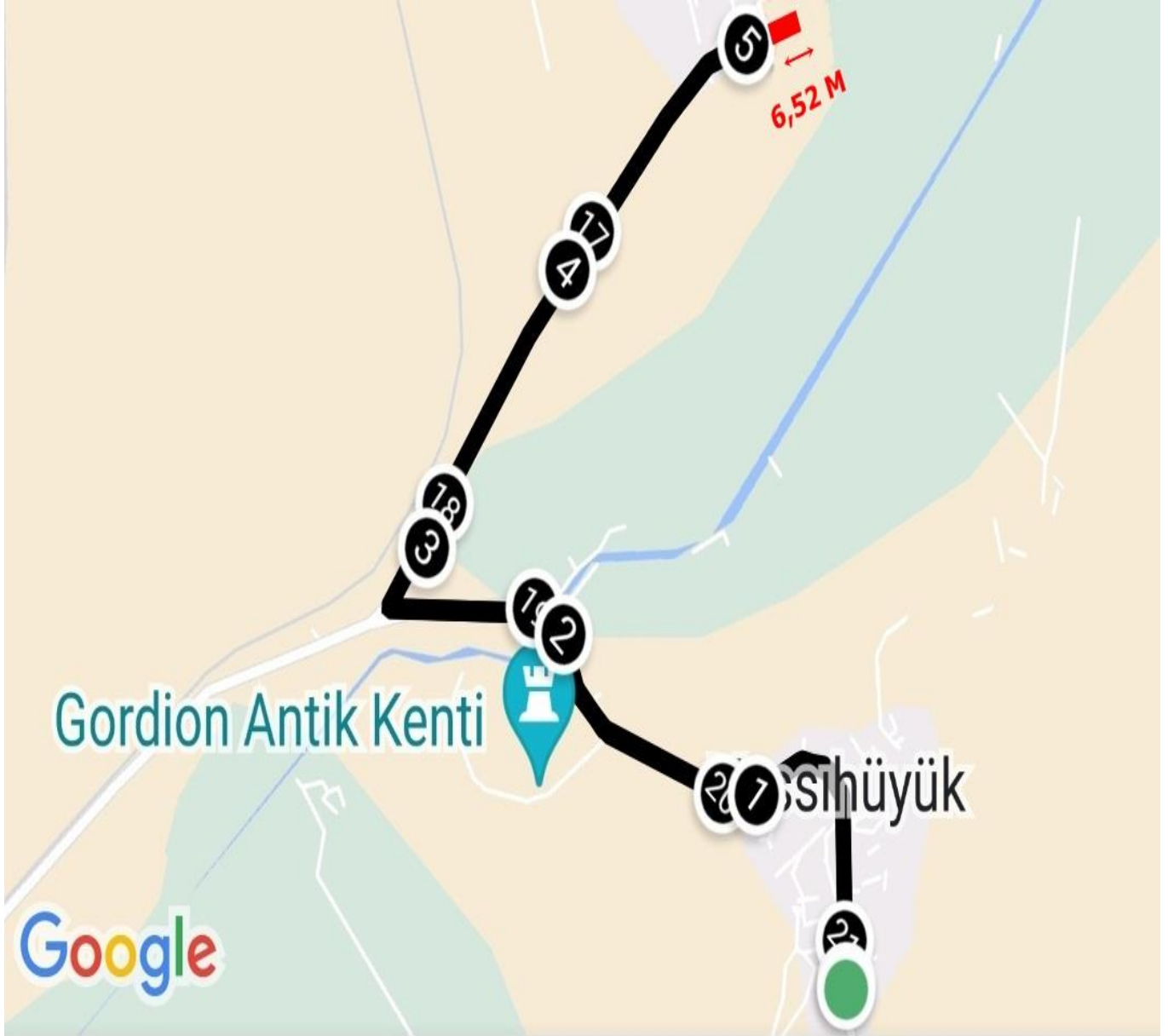
Roll -3.4° Pitch -13.6°
MAGNETIC FIELD 45 μ T
N 39°38'58.83", E 31°57'47.269"
Kiranharmanı Ankara
188° S **TRUE HEADING 194° S**



Roll 3.5° Pitch -12.5°
MAGNETIC FIELD 43 μT
N 39°34'34.999", E 32°4'36.553"
Ankara Eskişehir Yolu Üçpınar Ankara
17° N **TRUE HEADING 23° N**

(tp virage 3,14 m+1,69 m x2) 6,52 m

RIDVAN DOĞAN-RIFAT ARABACI



(tp virage 3,14 m+1,69 m x2) 6,52 m



Roll -0.6° Pitch -11.6°
MAGNETIC FIELD 53 μ T
N 39°39'13.095", E 31°59'44.936"

305° NW

TRUE HEADING
309° NW

RIDVAN DOĞAN- RIFAT ARABACI

TEAM OF MEASUREMENT



The Measurement Team Consisted Of

- Kadim KOÇ
- M.Ömer Sarıkaya
- Melihcan KILIÇ

Thanks for your helps 🙌😊

RIDVAN DOĞAN –RIFAT ARABACI