

MEASUREMENT REPORT  
ULTRAMARATHON RACES

( 2 K = 2000 m)

24.09.2017.

APPLICATION FOR CERTIFICATION OF A ROAD COURSE

NAME OF EVENT	Maraton Maratona (Marathon Marathons)
RACE DATE	10.3.2018.
ADVERTISED RACE DISTANCE	6 h, 12 h and 24 h; 50 km and 100km; 50 miles and 100 miles
LOCATION OF START	ADA CIGANLIJA, Belgrade, Serbia
LOCATION OF FINISH	ADA CIGANLIJA, Belgrade, Serbia
MEASURER	Lucija Kolić (A measurer) e-mail: lucijakolic@gmail.com contact: +38598 215 657 address: Kralja Tomislava 11 a, Cerić 32221 Nuštar
RACE ORGANIZER	ARK Eko Maraton race director: Boban Pantović e-mail: ekomaratonark@gmail.com contact: +381 63 1877041 address: Dejana Smiljkovića 106, 11000 Belgrade, Serbia
TYPE OF TERRAIN	FLAT
TYPE OF COURSE	LOOP COURSE
ALTITUDE	START/FINISH 73 m HIGHEST POINT 73 m LOWEST POINT 73 m SEPARATION BETWEEN START AND FINISH: 0 m



course map

START: ADA CIGANLIJA – behind the restaurant called NA KRAJ SVETA (closer edge of the building) →along the coast naturista → FINISH: same as START

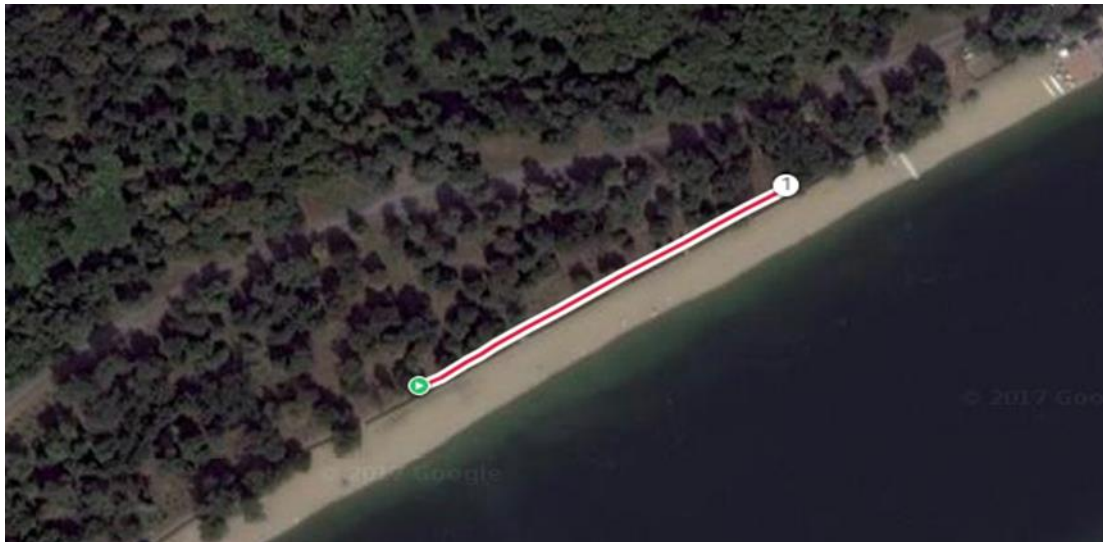
**NOTE: THIS IS A PLACE WITHOUT TRAFFIC. THESE ARE ALL ROADS FOR WALK, RUN AND CYCLING.**

**ORGANIZER SAID THAT RUNERS ARE GOING TO RUN ONLY ON THE ROAD. THAT RUNERS WILL NOT BE ALLOWED TO RUN ON CYCLING TRAIL SO I MEASURED SHORTEST WAY ON THE ROAD.**

**ALSO THERE IS SMALL PART ON THE COURSE THAT IS GOING TO BE RUN ON GRASS YOU CAN SEE THAT ON ADJUSTMENT SKETCH.**

## DETAIL OF THE CALIBRATION COURSE

NAME OF EVENT	Maraton Maratona (Marathon Marathons)
LOCATION OF CALIBRATION COURSE	ADA CIGANLIJA – the coast of the naturist
LENGTH OF CALIBRATION COURSE	200 m
CITY	BELGRADE, SERBIA
DATE AND TIME/temperature	23.09.2017./20:30/ 15 ° C
METHOD OF MEASURING	STEEL TAPE 50 m
MARKINGS	STEEL NAILS, YELLOW SPRAY



### Calibration course

Calibration course it is seted on the course and starts from the 16th light pole (counted from the beginning of the curve) on the left side. and ends 1 m befor electrical box.

## BICYCLE CALIBRATION DATA SHEET

MEASURER	LUCIJA KOLIĆ
DATE	24.09.2017.
LENGTH OF CALIBRATION COURSE	200 m

### PRE-CALIBRATION

TIME	10:00
TEMPERATURE	15 ° C

RIDE	START COUNT	FINISH COUNT	DIFFERENCE
1	00100	02368	2268
2	02368	04636	2268
3	04636	06903	2267
4	06903	09170	2267

WORKING CONSTANT IS 11,34883

### POST-CALIBRATION

TIME	10:45
TEMPERATURE	15 ° C

RIDE	START COUNT	FINISH COUNT	DIFFERENCE
1	38300	40567	2267
2	40567	42834	2267
3	42834	45101	2267
4	45101	47368	2267

FINISH CONSTANT IS 11,34633

CONSTANT FOR THE DAY IS 11,34758

## COURSE MEASUREMENT DATA SHEET

START TIME: 24.09.2017./10:30      TEMPERATURE: 17 ° C

FINISH TIME: 24.09.2017./10:45      TEMPERATURE: 17 ° C

CONSTANT FOR THE DAY 11,34758

MEASURED POINT/LOCATION		COUNTER	COUNTS	LENGTH (m)
K1	START – ADA CIGANLIJA – behind the restaurant called NA KRAJ SVETA (closer edge of the building)	13600	00000	00000
K2	FINISH same as START	36199	22599	1991,53
Total length			22599	1991,53

1 LAP = 22599 COUNTS = 1991,53 m

**2000 m – 1991,53 m = COURSE IS 8,47 m TO SHORT**

**I DID THIS ADJUSTMENT WITH BICYCLE**

OLD ROUTE

MEASURED POINT/LOCATION		COUNTER	COUNTS	LENGTH (m)
K1	In the line with 1st light pole counted from the beginning of the curve at the entrance to beach naturista (opposite side)	58500	00000	00000
K2	1st light pole counted from the beginning of the curve at the entrance to beach naturista (opposite side)	59152	652	57,46
Total length			652	57,46

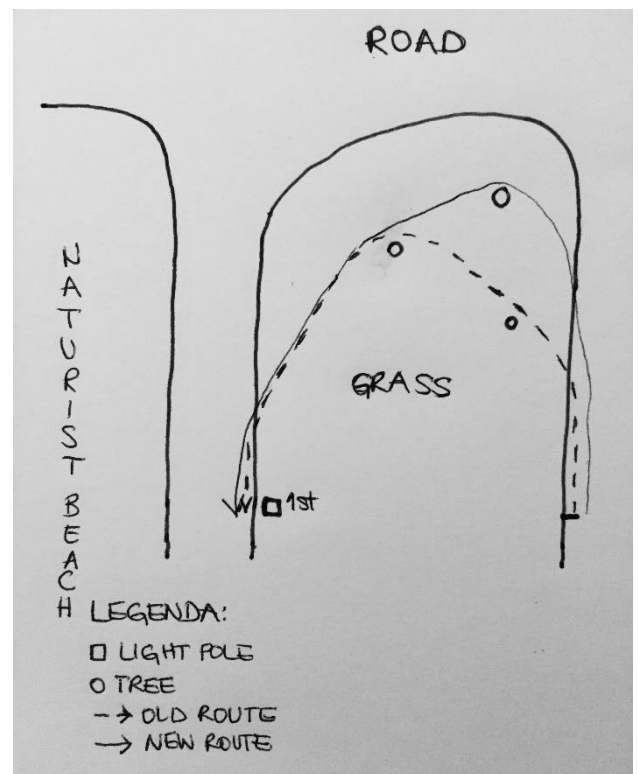
## NEW ROUTE

MEASURED POINT/LOCATION		COUNTER	COUNTS	LENGTH (m)
K1	In the line with 1st light pole counted from the beginning of the curve at the entrance to beach naturista (opposite side)	60300	00000	00000
K2	1st light pole counted from the beginning of the curve at the entrance to beach naturista (opposite side)	61050	750	66,10
Total length			750	66,10

$$66,10 \text{ m} - 57,46 \text{ m} = 8,64 \text{ m}$$

**8,64 m - 8,47 m = 0,17 m ADJUSTED COURSE IS 0,17 m LONGER**

**NEW LENGTH OF THE COURSE IS 2000,17 m**



**NOTE: ADJUSTED PART OF COURSE ORGANIZER IS GOING TO ENSURE WITH POLES, CONS AND PLASTIC STRIPS.**

**THERE WILL BE THREE EVENTS ON THIS SAME COURSE. YOU CAN SEE THE LIST BELOW. I PUT IN APPLICATION FOR CERTIFICATION THE NAME OF THE FIRST EVENT.**

1. NAME OF EVENT: Maraton Maratona (Marathon Marathons)

RACE DATE: 10.3.2018.

ORGANIZER: ARK Eko Maraton

ADDRESS: Dejana Smiljkovića 106, Belgrade, Serbia

EMAIL: ekomaratonark@gmail.com

CONTACT: +381 63 1877041

RACE DIRECTOR: Boban Pantović

DISTANCES: 6 h, 12 h and 24 h; 50 km and 100km; 50 miles and 100 miles

2. NAME OF EVENT: Ultramaraton 6 days

RACE DATE: 2.-7.9.2018.

ORGANIZER: ARK Eko Maraton,

ADDRESS: Dejana Smiljkovića 106, Belgrade, Serbia

EMAIL: ekomaratonark@gmail.com

CONTACT: +381 63 1877041

RACE DIRECTOR: Boban Pantović

DISTANCES: 24 h, 48 h, 72 h, 4 days, 5 days, 6 days and race named RUNNING WITHOUT SLEEP (limited on 6 days)

3. NAME OF EVENT: Na kraj sveta...100 km

DATE OF EVENT: 1.9.2018.

ORGANIZER: ARK Eko Maraton,

ADDRESS: Dejana Smiljkovića 106, Belgrade, Serbia

EMAIL: ekomaratonark@gmail.com

CONTACT: +381 63 1877041

RACE DIRECTOR: Mirko Radojičić

DISTANCE: 100 km