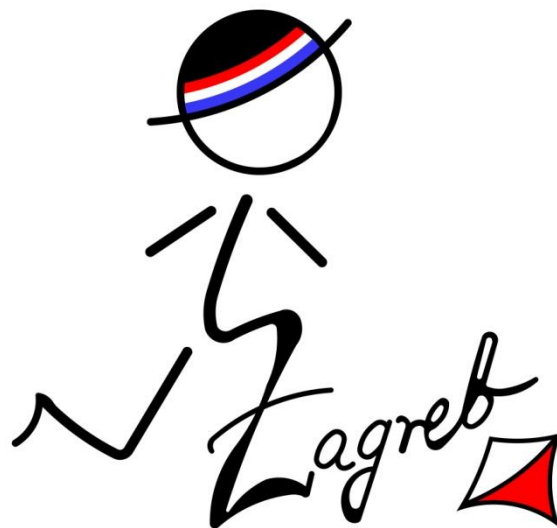


Orienteering Events in major European Cities

CITY RACE EURO TOUR

ZAGREB  September 21st & 22nd 2019

BULLETIN no. 2



EUROPEAN
MOBILITY
WEEK

#BEACTIVE



**SPORTSKI
SAVEZ
GRADA
ZAGREBA**

General Information:

Organizers: Orienteering Club "Vihor", Zagreb, Ribnjak 2

✉ vihor@vihor.hr

Type of event: 2 day & 3 Stages event.

Results from Stage 1 count for Croatian Sprint Cup, for runners registered in Croatian Orienteering Federation.

Results of Stages 1&2 days sum up for the classification of "Zagreb open 2019" Event.

Result of Stage 3 counts separately for City Race European Tour.



Competition Centre - locations and opening hours:

Competition Centre is always in Finish Arena (there will be an Info Tent). For detailed time schedules see each Stage info.

Time schedule:

Friday 09-20-2019 : 5:00 p.m. Jarun - Training– CC opens

5:45 p.m. Jarun - Training– first start

Saturday 09-21-2019 : 8:30 a.m. Blato - Race 1– CC opens

10:00 a.m. Blato - Race 1 – first start

2:00 p.m. Jarun – Race 2 – CC opens

2:00 – 3:00 p.m. Jarun – Race 2 – Quarantine 1

3:00 p.m. – Race 2 – Quarantine 2

3:30 p.m. Jarun – Race 2 - pre-start -15 minutes from Quarantine 2

(3:45 p.m. Jarun – Race 2 - first start)

6:00 p.m Jarun – Race 2 - Prize giving ceremony

Sunday 09-22-2019:

8:30 a.m. Zagreb – Race 3 – CC opens

10:00 a.m. Zagreb – Race 3 – first start

2:00 p.m Zagreb – Race 3 – Prize giving ceremony

Classes:

Classes Euro City Race tour (CRET)

NAME	AGE	YEAR
Youth	MW 16	2003 and later
Junior	MW 20	1999-2002
Elite City Race	MW 21	1980-1998
Veteran	MW 40+	1965-1979
Supervet	MW 55+	1955-1964
Ultravet	MW 65+	1945-1954
Hipervet	MW 75+	1944 and earlier

On Sunday we will have only CRET classes + MW12 and OPEN so if you are changing your class from Saturday to Sunday please note class for CRET which you would like to run. CRET classes will be available also on Saturday.

Other classes for Croatian sprint cup (Saturday Event)

NAME	AGE	BIRTH YEAR
Kids	MW 12	2007 and later
Young veterans	MW 35	1984 and earlier
Middle veterans	MW45	1974 and earlier
OPEN SHORT*	All ages	1900-2019
OPEN LONG**	All ages	1900-2019

***Open Short** class is the equivalent of MW12 class / beginners class (about 2km) will be available also on Sunday

****Open Long** class is the equivalent of M35/40 class / beginners class (about 5km) will be available also on Sunday

Entry fee

ENTRY UNTIL	SINGLE RACE	ALL RACES
31.07.2019	12€ / 8€ Youth	32€ / 20€ Youth
05.09.2019	15€ / 10€ Youth	40€ / 25€ Youth
14.09.2019	18€ / 12€ Youth	45€ / 30€ Youth

Please include in your payment **7€** for bank charges for payments via SEPA bank transfer payments (EU internet banking) for amount up to 500€ and **10€** for amounts over 500€

Registration will be through the platform: www.orienteeingonline.net.

If needed you can make entry via our e-mail: vihor@vihor.hr

Entry is not valid until entry money is received. Fees to be paid latest within 7 days after the deadline in which entry was submitted. Deadline Entry date September 14th, 2019. Rent Sport-Ident € 6 all races (a deposit fee of € 30 will be required).

Banking details:

IBAN: HR6524840081101296342

SWIFT: RZBHHR2X

Bank: Raiffeisen Bank

Recipient:

ORIJENTACIJSKI KLUB VIHOR

Ribnjak 2

10 000 Zagreb

Croatia

Map Protection:

Maps are printed on Agfa Synaps plastic paper, which is water and tear resistant, so there is absolutely no need for a plastic bag.

Number Bibs:

All competitors are obligated to wear number bib on their chest. Otherwise they risk rejection at start and disqualification. To enter the Quarantine it will also require a starting bib (See Stage 2 info).

Control Descriptions:

There will be **no** control descriptions available prior to the start. Control descriptions for hand-holders will be provided at the start, inside the second starting corridor for all Stages. Control descriptions **are also printed** on the maps for all Stages.

Starting List

All the categories, including Open, are required to start by start list.

Starting procedure

The starting procedure is as follows:

- (- 15 minutes Pre-start - only on Stage 2!)
- 3 Minutes: checking start bib and Si Card number, clean and check Si Cards
- 2 Minutes: take control descriptions (they are on all the maps, also)
- 1 Minute:
- 0 Start (no start-unit)

- map taking
- passing by a starting point is mandatory

Late Starters

WARNING: There will not be a direct route to starting line for runners arriving late to the start. Anybody arriving late will be let on a course only when a marshal approves, probably on a vacant spot, and new starting time will not be granted. In the results the original starting time will count! Starting on time according to the start list is competitors responsibility. Only in case of a special complications an organizer may give a competitor a new starting time.

Taking maps and giving them back:

At the start, each competitor takes the map at his/her own responsibility. Check it to make sure that the one with correct course was taken. Runners' maps will be collected after the race of Stage 1, until the last runner has started. For other stages you are kindly asked for fair play not to show your map to the runners who haven't started yet.

Map Exchange during the Race:

Only at Stage 1 some categories have map exchange (see Info on Stage 1). A competitor is responsible for taking the right map upon the exchange.

Timekeeping

All categories, including Open, are controlled through the Sport Ident system (not contactless). You can use any SI-Card from version 5 above.

It is possible to rent Si-Card for 2€ per Stage. Upon renting you will be asked for 40€ deposit (per card) or a personal document (optionally), which you will be given back immediately after SI card is returned.

Rented SI Card will be withdrawn after the last Stage at which the competitor is registered.

If the SI-Card is lost by the competitor s/he must pay a penalty of 40€.

Read-out of SI Cards

Read out of SI Cards is located near the Finish line for all Stages. Don't forget to read out the data immediately after you finish the race.

Results

Results will be displayed on paper at the Finish of each Stage and on the Internet after race is finished. Live results will be displayed at the Finish area.

Prize Giving and Awards

The 3 first qualified in each official and unofficial category will be awarded. Special artwork will be given by the courtesy of artist and designer Dunja Niemčić, specially made for this event for stage 3. Winners of added Stage 1 & 2 will get medals. Special Cup will be given to the winners of classes M&W 21 and M&W 20.

- After 2nd Stage
(Stage 1 + Stage 2 summed up) for "Zagreb Open 2019" Event
As soon as the first 3 in all classes are clear, prizes will be awarded. Expected to be around 6:00 p.m. at the Finish Area
- After 3rd Stage there will be winning ceremony for City Race Euro Tour Expected to be around 2:00 p.m. at the Finish Area

Claims and Complaints

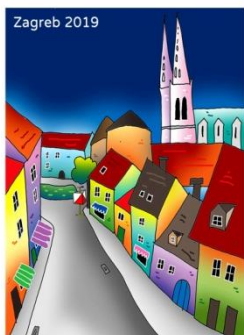
Croatian Orienteering Federation's Rules for sprint orienteering events apply for Stage 1.

Due to the type of CRET race, no course will be annulled or cancelled in the event of a control suffering from vandalism of any sort. In front of a claim for this reason, the technical jury might decide to nullify those sections defined by the appealed control. Therefore, all runners must consider finishing the race even though they find problems due to the accessibility of the public to the controls or to organizational errors. Any complaint must be submitted in writing before the awards ceremony.



Organizer will put little papers around the control on the floor with number of control point so if the control point is missing take the paper with you and bring it to the finish. On the 3rd stage paper will be in a little plastic bag near the point also on the floor.

T shirt:



Special artwork will be printed by the courtesy of artist and designer Dunja Niemčić, specially made for this event.

Price of t-shirt (sportswear fabrics) with this art work on front side is 12€. (XS-XXL)

You will have to pre-order. - vihor@vihor.hr until September 6th

Vehicle Traffic on Courses:

The traffic will not stop at any time.

- Stages 1 & 2 have no or almost no car traffic.
- Stage 3 - most of the course is without traffic, or only light traffic but there are places which will be guarded by marshals due to heavier traffic (see info on Stage 3)

Tents:

Clubs are allowed to pitch a tent at Finish Arena of Stage 1. On Stage Stage 2 tents are not allowed, but Quarantine Area is with a roof. On Stage Stage 3 tents are not allowed, and the organizer will provide smaller tents for baggage only, so please be considerate with using the space.

In the case of very bad weather it will be possible to leave your travelling luggage early in the morning prior to Stage 3 at club Vihor's address at Ribnjak 2 - right across the Start Area of Stage 3. Find the following info during the Event.

Catering and Refreshments:

Tap water is good quality and drinkable all around Zagreb.

The organizer will put water and some small portions of snacks by the finish corridor. Be considerate in consuming, so there is enough for all the runners. Please use water when provided by organizer sparingly and for drinking only.

City Race on Sunday will have some points near the water but no glasses will be provided. You are free to drink it from the water point or you can just refresh yourself.

Important note!

There is no running water / tap water / for **Stage 1**. The competitors are advised to additionally bring their own water and drinks supply.

See each Stage info for details.

There will be some small catering provided by the organizers but only on Stage 2. Pre-order until Friday September 20th 07:00 am on e-mail is necessary (vihor@vihor.hr) The variety of food is available at shopping malls and small restaurants. Food is generally very good quality and affordable prices in Zagreb.

Toilets:

Sanitary cabins or toilet facilities will be provided on each Stage.

Running Water and Showers:

Stage 1 - no tap water available, see info

Stage 2 - drinkable tap water and beach showers (cold) available near the Finish Area

Stage 3 - city centre, public toilet with drinkable water

Clothing and Footwear:

For Stage 1 metal studs (dub-spikes) are allowed but not necessary. There is almost no paved area.

For Stage 2 metal studs (dub-spikes) are allowed but not recommended. The best is to use good trail-running shoes.

For Stage 3 trail-running shoes or ordinary asphalt running shoes are recommended.

It is recommended to use up to knee protection (high orienteering socks) for Stage 1 and optionally Stage 3.

Baggage Transport:

The only Stage with baggage transport from Start to Finish Area is Stage1 !

The baggage must always be picked up by the end of the Time Limit for the race!!

Separate Start and Babysitting:

If you are with a small child, the parents may request separate starting times in advance. Make request as early as possible now, with your application. These requests will be handled as far as possible.

If you are alone with a child, please address the organizer also as soon as possible. We might be able to organize some baby-sitting, but just while you run the course, and only upon a personal request.

Photo/video:

It is presumed that everybody participating approves of being photographed. The photos will be used strictly referring to this event and sports purposes. If anybody object to this, please inform the organizer in advance. Then, in case your personally recognizable image mistakenly appears at organizers website, inform us later, and we will take it down.

First Aid and Ambulance:

A medical doctor will be present on every Stage at the finish area.

Competitors are not insured by organizer. Organizer takes no responsibility for any injuries or health issues that might happen or occur among the participants before, during or after competitions. Each competitor takes part solely on his/her own responsibility. Personal health and travel insurance policy is recommended.

In a case of a serious problem the Ambulance Emergency will be called. The common emergency telephone number is 112. It can be dialled free of charge from any fixed or mobile telephone in order to reach emergency services (ambulance, fire and rescue, police). There is also a direct number 194 for Emergency medical help. Emergency medical care in Croatia is provided for free to anyone requiring urgent attention. Any cost of possible later therapy must be covered by patients personal insurance. In cases of therapy the European Health Insurance Card (EHIC) is valid in Croatia, but only for those who own it. Any costs that my emerge, and EHIC doesn't cover, shall be covered by a patient.

Transport from Airport:

ZET (Zagreb Electric Tram)

Bus line no. 290: AIRPORT ZAGREB - KVATERNIKOV TRG

<http://www.zagreb-airport.hr/en/passengers/to-from-the-airport/by-zet-bus/431>

Departures are scheduled every 35 minutes. First departure on weekdays and Saturdays from Kvaternik Square is at 04:20a.m. and on Sundays at 05:20a.m., while the last departure from Velika Gorica is every day at 00:15a.m.

Check the costs: probably 6+6kn (≈2€), because there are 2 zones.

Public Transport:

ZET public transport: <http://www.zet.hr/>



It is recommended to buy one-time tickets for a single ride on newspaper kiosk. You can purchase a ticket inside the vehicle, but not recommended, because it is 30% more expensive.

The cheapest single ride ticket is only 4kn and it is valid for 30 minutes in one direction. There are also tickets for a single ride which are valid for 60 minutes (7kn) and 90 minutes (10kn). / 1€ ≈ 7.4 kn /

Taking a **daily ticket** is also recommended. A daily ticket for all city buses and tram lines costs 30kn (≈4€). Ask for "dnevna karta" = a ticket for a whole day. A daily ticket can most commonly be purchased from a driver. It is valid for only for that particular date and it must be "punched" during the first ride.

Taxi Services:

There are many taxi services in Zagreb. They are almost the same price. Use the approximate calculator and be aware of the price, so you don't get cheated. Ask in advance for approximate price.

Online price calculator: <https://taxicijene.info/>



• Cammeo TAXI
+385 (0) 1 1212



• Eko TAXI
1414



• Radio TAXI
1717



• VG-TAXI
060 760 760



• Zebra TAXI
072 900 900



<https://www.uber.com/hr/en/>

Currency and Payments in Croatia:

The currency in Croatia is "kuna" (HRK). NOTE: If you pay cash, Euros are not accepted, except on highways!

Upon arrival you will need cash in "kuna" almost immediately (for taxi, public transport, parking machines...). Money exchange offices ("Mjenjačnica") are convenient everywhere, but most of them have working hours. Banks and post offices will also change money at about the same rate as exchange offices but their opening hours are shorter. You will pay a commission of about 3%. ATMs are convenient and reliable. Just look for the "Bankomat" sign.

Payment via debit cards or credit cards is acceptable almost in every store or a restaurant, but if you want to buy smaller things like ice-cream or drinks etc. you can only pay in cash in kunas (HRK = kn).

Weather Conditions:

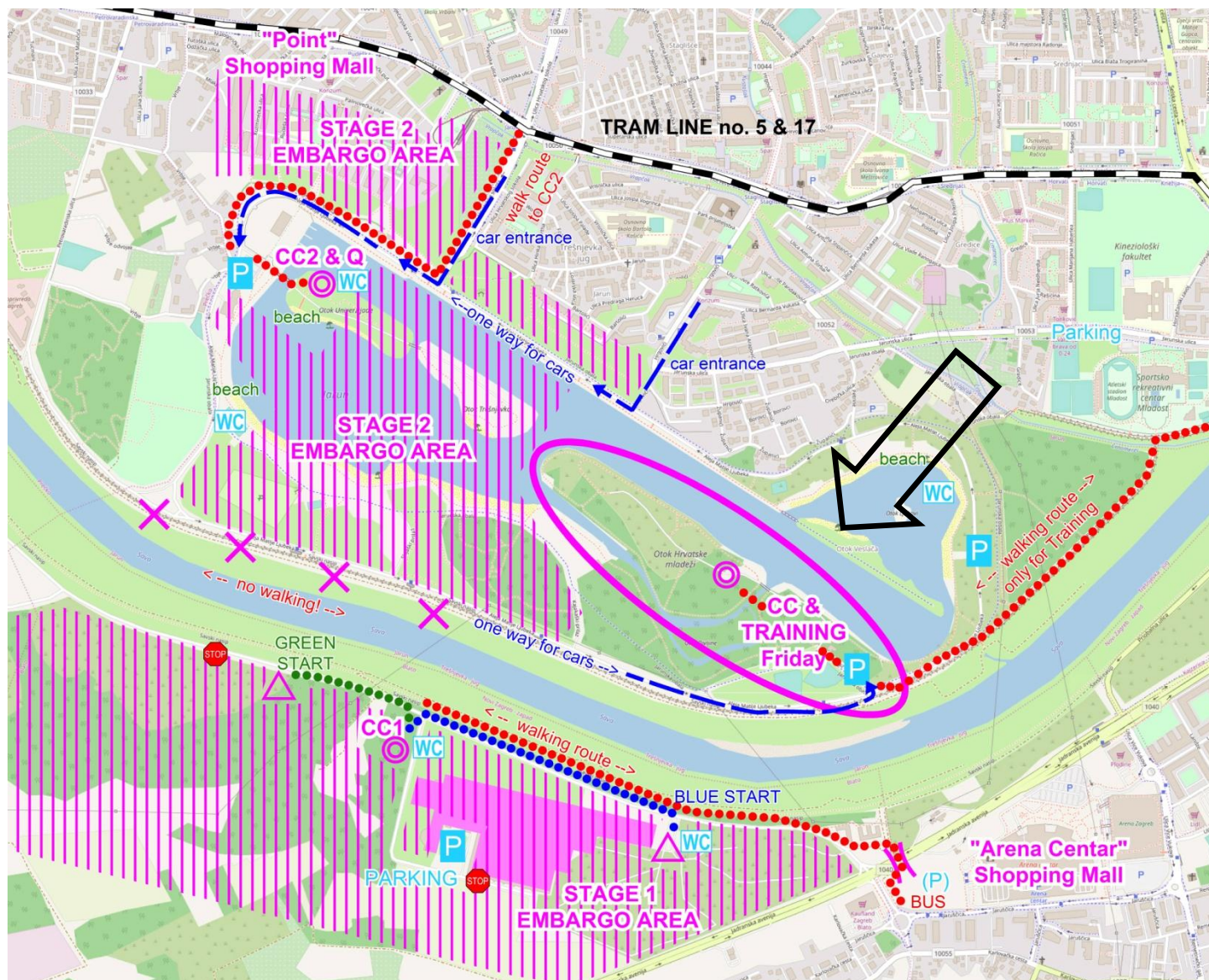
The average minimum temperature (usually the minimum temperature is noted during the night) in Zagreb in September is 10.0°C. The average maximum temperature lies around 23.0°C. If you enjoy looking at a blue sky and like sunbathing then this month is a great period to visit Zagreb. The organizers will try to order this kind of weather for you :)

Use sunscreen, if weather is sunny you can still get sunburned in September.

Use mosquito repellent on Stages 1 & 2.

Prologue/Training Sprint Relay

2019/09/20 (Friday, evening)
ZAGREB - JARUN LAKE (east)



CC: 45.777739, 15.928153

Parking: 45.775068, 15.933382

Competition Centre - location and open hours:

Competition Centre is open from 5.00 p.m. - 7.00 p.m.

Location/Coordinates CC: 45.777739, 15.928153

Type of "Competition": Prologue/Training - Fun Sprint Relay

Map: 1:4000 / 2.0m, ISSOM 2017

The main goal for this Prologue/Training is for competitors to make final registration. Also, you get acquainted with maps and terrains. The terrain completely resembles Stage 2.

We kindly ask the clubs and individuals who are attending this training, to make final registration on this friday instead on Saturday morning. The starting packages with starting bibs for all stages will be ready.

For those starting on Blue Start on Stage 1 it means that, if they make their final registration, and take their starting bibs - on Stage 1 they can go directly to Blue Start. Please, that applies *only for those arriving without cars*. The rest are kindly asked to use parking as indicated on info for Stage 1 - See info for Stage 1.

Registration:	Orienteering Online system Prior registration is necessary. Deadline is September 16, 2019 (Monday)
Upon registration choose:	1-Man-Relay (+name) 2-Men-Relay (+names) 3-Man-Relay (+names) 4-Man-Relay (+names)
Starting Fee:	2€ (or 15kn) per person, in cash, upon the Start
Entrance to Jarun Lake:	Same as for Stage 2. Respect embargo areas for Stage2!
Arrival to the CC=Start:	" Otok Hrvatske Mladeži " See the map. CC: 45.777739, 15.928153 Parking: 45.775068, 15.933382 Distance from Parking to start: 650m or longer, depends where you find parking
Arrival to the CC=Start:	5:30 p.m.
First Start = Mass Start:	5:45 p.m.
Time Limit:	1 hour 15 minutes
Toilets:	Sanitary cabin (at the moment no sanitary cabin is available - read Bulletin 2)
Refreshments:	No refreshments. No water. Bring your own. There are free toilet facilities, beach showers, bars and restaurants nearby.

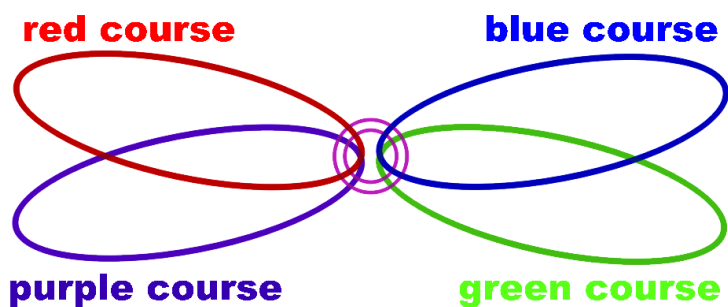


IMPORTANT NOTE: In the case of very bad weather, this Prologue/Training **will be cancelled**!!!

Instead, the competitors can get their starting packages at Orienteering Club Vihor - Ribnjak 2 (45.815148, 15.982018) from 6.00 p.m. - 8.00 p.m. Check the info the day prior to arrival and on that day also!!!

WE WILL NOT CANCELL IT. WE ORDERED GOOD WEATHER SO COME!

Prologue/Training Info



The type of the race will be One-Man-Relay or any type of Mixed Relay team, consisting of 2,3 or 4 runners.

There are 4 completely different legs (courses): **red**, **purple**, **blue** and **green**. Each leg is approximately 1.2 km long. The teams, or individual one-man-relay runners will be provided with a stack of all 4 maps, and everybody can choose who runs what.



Red and purple courses cover approximately the same area on the east of the map exchange, and blue and green courses cover approximately the same area on the west from the map exchange.

So, for example, if one runner runs 2 legs, we suggest that that runner combines one course from the west side of the map, with another course from the east side (for example. red and blue, or red and green...)

The combinations are free to chose. They are very well indicated on the map.

There will be a mass start, no time-keeping and no results.

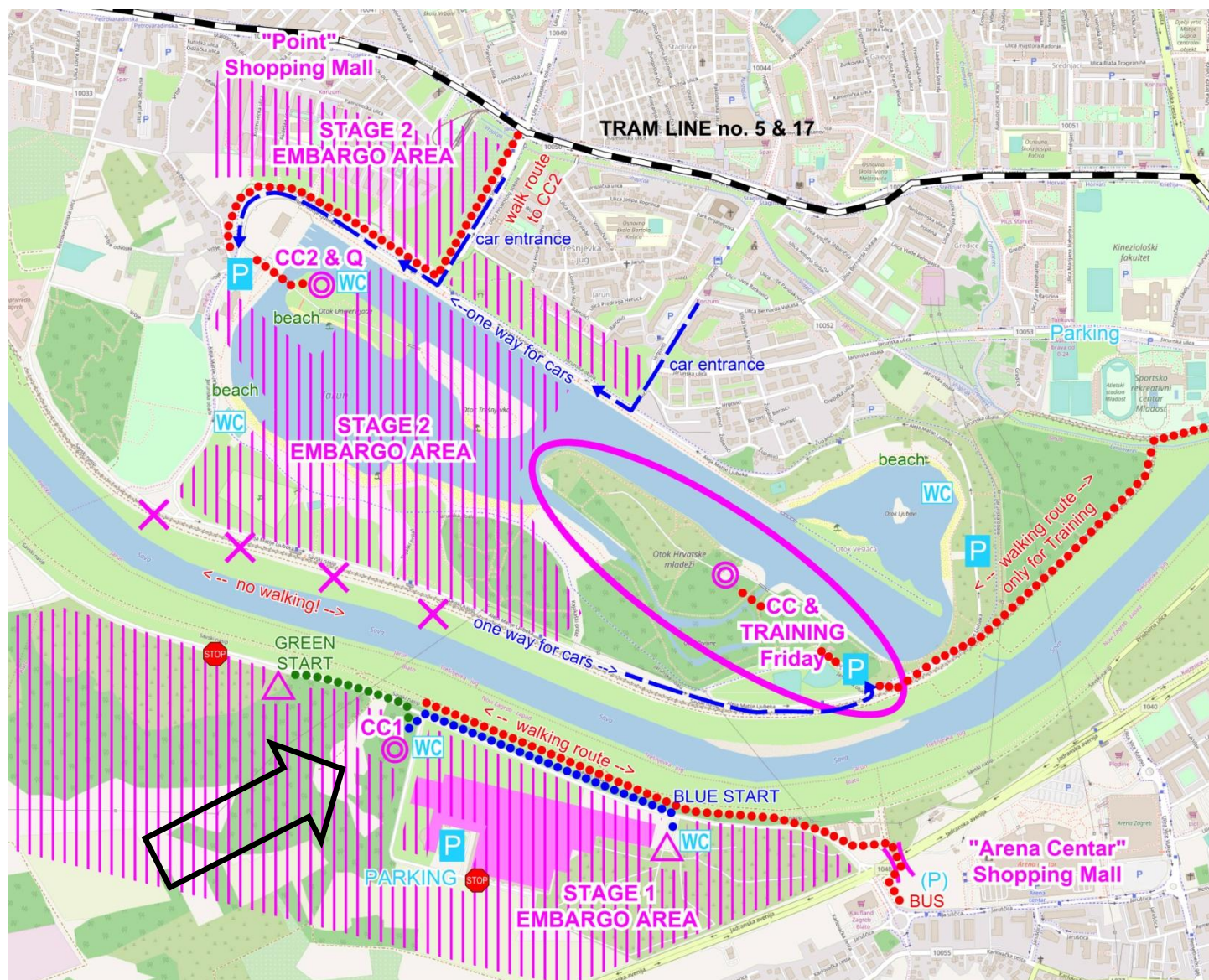
SI-Cards are not needed. Punching will be manual on the paper.

STAGE 1

Sprint

2019/09/21 (Saturday , morning)

ZAGREB - BLATO



CC: 45.773598, 15.916031
Parking: 45.770223, 15.917811

Competition Centre - location and open hours:

Competition Centre is in Finish Arena (Info tent). Open 8.30 a.m. - 9.30 a.m.

Location/Coordinates: 45.773598, 15.916031

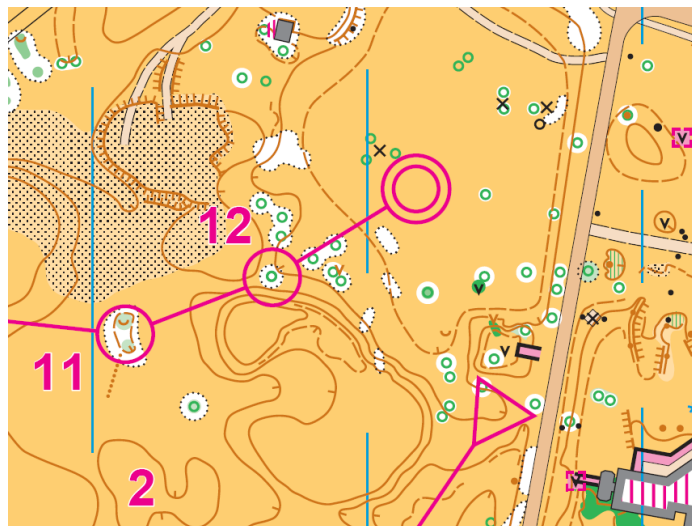
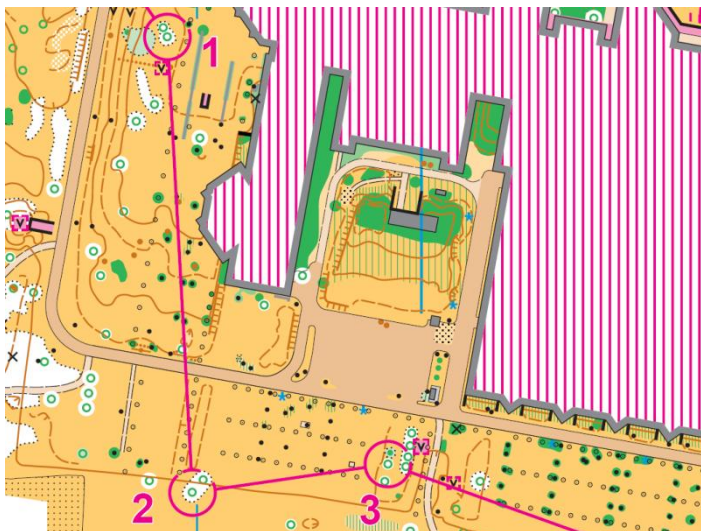
Type of Competition: Classic Sprint Distance - winner's time 12-15 min

Only this Stage (Stage 1) is a race for Croatian Sprint Cup.

Map: 1:4000 / 2.0m, ISSOM 2017

Map is A4 format, some categories have map exchange

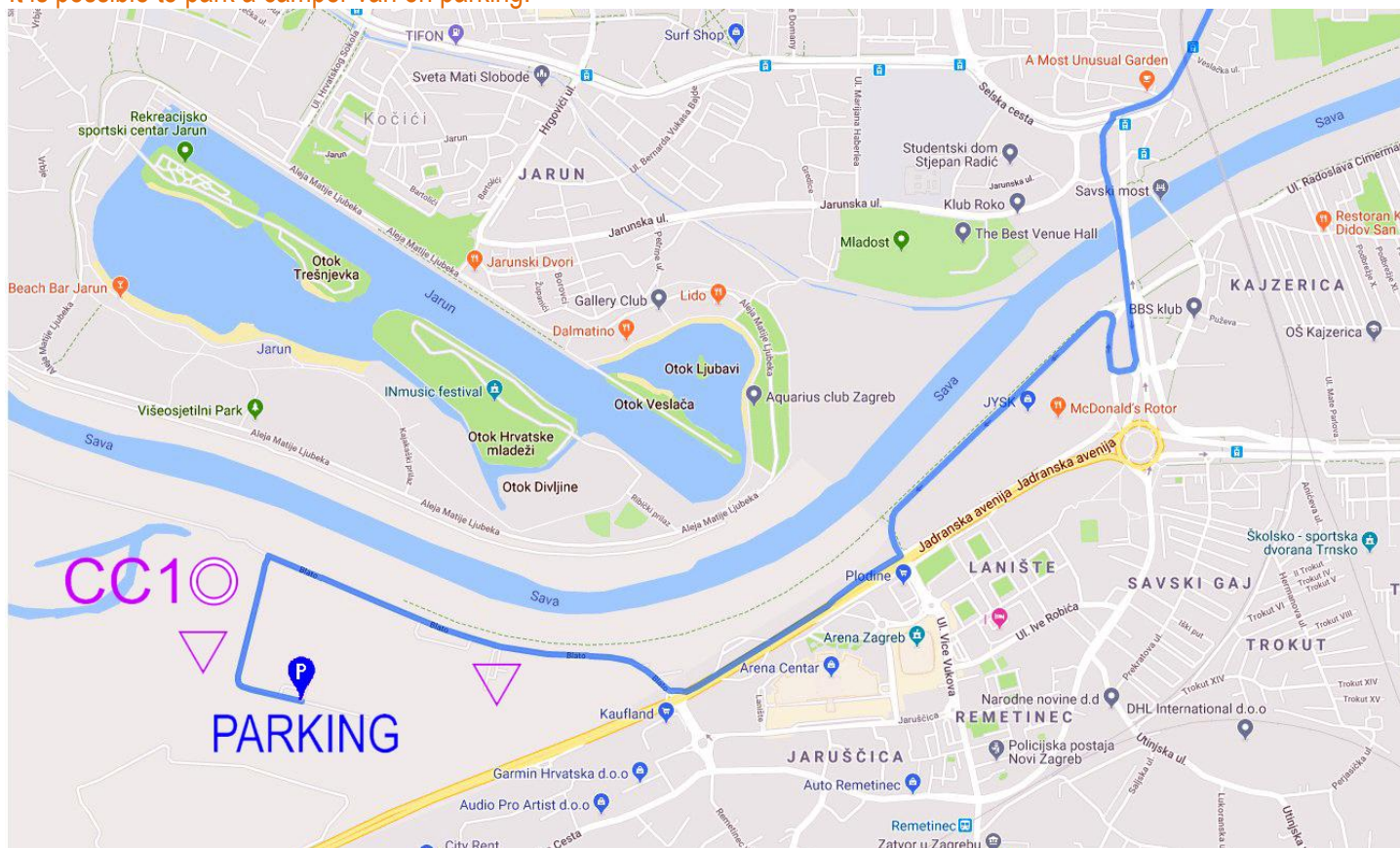
Stage 1 Photos





Parking Possibilities:

There will be free organized parking (P - see the map) - Parking coordinates: 45.770223, 15.917811
 It is possible to park a camper van on parking.



Arrival to the CC 1 (Finish Arena 1) by car (direction from centre of the city):

Unofficially: You can also use parking beside shopping malls on the east of the competition area, by the large shopping mall "Arena Centar", but note that you have to walk longer to CC and back to start! - Parking coordinates: 45.769631, 15.936028

Distances from Parking to Finish Arena (CC):

PARKING OFFICIAL - Parking near Finish Arena (CC): 400m, 0 m climb

PARKING SHOPPING MALL - Parking beside shopping mall "Arena Centar": 2000m, 0 m climb

It is only allowed to use the main road for driving to the Finish Arena /see picture/.



ZET public transport: <http://www.zet.hr/>

- BUS LINE:
LINE no. 112 SAVSKI MOST - LUČKO
from "Savski most" terminal

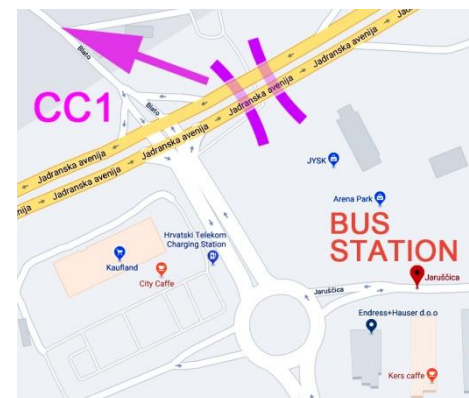
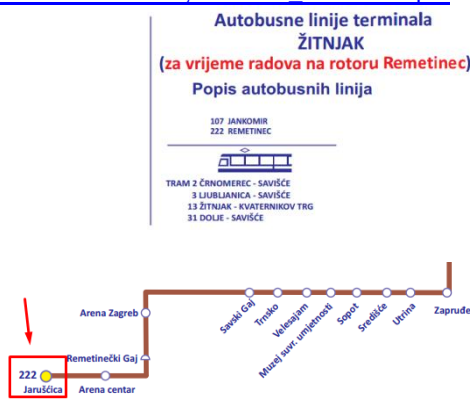
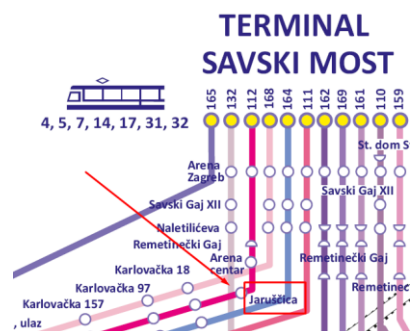
BUS LINE:
LINE no. 222 REMETINEC - ŽITNJAK
from "Žitnjak" terminal

From bus station to CC1 (Finish Arena 1) there is 1.8km to walk.

You have to use underground crossing
across the highway!

[http://www.zet.hr/UserDocsImages/Priloz
i/PDF/Autobusni%20terminali%202018/S
AVSKI%20MOST-
radovi%20rotor 22.2..pdf](http://www.zet.hr/UserDocsImages/Priloz
i/PDF/Autobusni%20terminali%202018/S
AVSKI%20MOST-
radovi%20rotor 22.2..pdf)

<http://www.zet.hr/UserDocsImages/Prilozi/PDF/Autobusni%20terminali%202018/%C5%BDITNJAK-radovi,%20rotor 25.7.2019.pdf>



http://www.zet.hr/raspored-voznji/325?route_id=112&datum=20190921

http://www.zet.hr/raspored-voznji/325?route_id=222

- **OPTION 2** : "ZET" BUS STATION: "**Arena Zagreb**" 45.769145, 15.940676 /several stations/
<https://www.arenacentar.hr/en/getting-here/>
<https://www.arenacentar.hr/hr/kako-do-nas/>

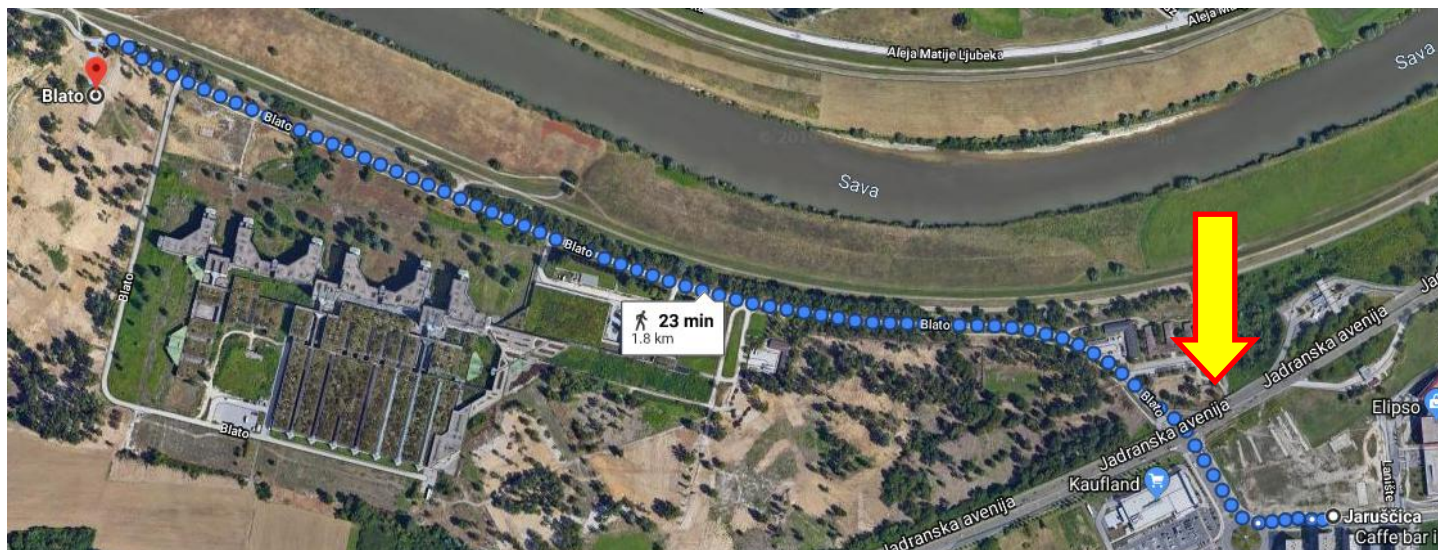
There are 17 bus lines available to chose to "Arena Centar" Shopping Mall (station name is; "Arena Zagreb From "Savski most" terminal to "Arena Center" Shopping Mall ") there are following bus lines no: **110, 111, 112, 132, 133, 159, 160, 161, 162, 163, 164, 165, 168, 169, 315**

Form "Žitnjak" terminal to "Arena Center" Shopping Mall bus line no. **222** arrives every 30-40 minutes

Form "Glavni željeznički kolodvor" terminal (=main railway station) to "Arena Center" Shopping Mall bus line no. **234** arrives every 20-25 minutes

Note: you have to check the bus schedules yourself! They might change!

Walking* distance from public transport to Finish Arena (CC):
"ZET" BUS STATION: "**Jarušćica**" 45.768968, 15.936590 - 1800m

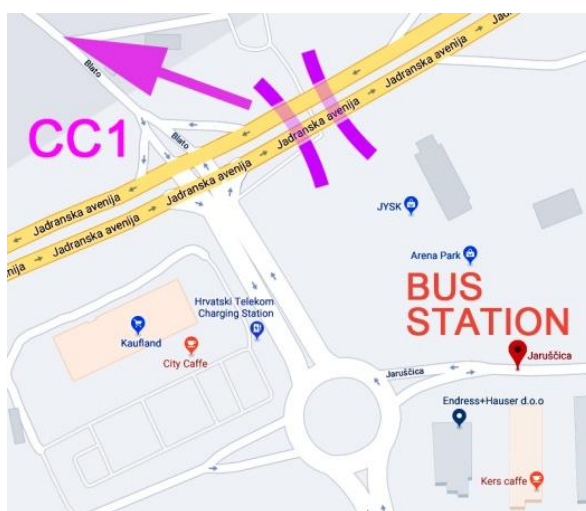


It is only allowed to use the main road for walking to the Finish Arena /see picture/.

IMPORTANT:

An underpass for pedestrians is hard to see, but it is a must!

It is located in the north-west corner of "Arena Park" parking lot, right beside "InterSport" outlet store.



If you take a taxi from a bus station it should cost you less than 3€:

ukupna udaljenost	TAXI Cammeo	15.00 kn	☎ 060 7100
1.78 km	EXOTAXI EKOTAXI	19.48 kn	☎ 1414
prema prikazanoj putanji	Radio Taxi Zagreb	20.68 kn	☎ 1777

Distances from Finish Arena (CC) to Start:

BLUE START: 950m (Classes: MW21, MW 35, MW20, * see the scheme bellow)
It is only allowed to use the main road for walking to the start.
Follow blue white tapes.

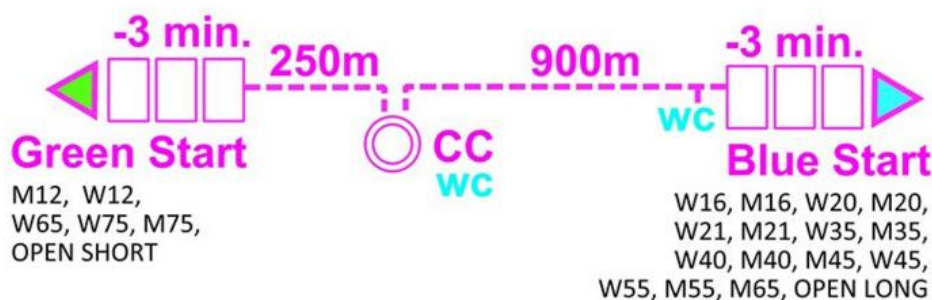
GREEN START: 200m (Classes: OPEN SHORT, MW 12, ... * see the scheme bellow)
Follow green tapes.

Special note for those using public transport or parking beside the "Arena Centar" shopping mall:

If you purchased your starting bib on Friday, and you are certain that your category will start on **BLUE START**, you can go directly from bus station to **BLUE START** indicated on info map. The organizer will transport your baggage after you start to the Finish Arena, but it must be neatly packed and handed over to organizer's tent.

First Start: **10:00 a.m. BLUE START**
 10:00 a.m. GREEN START

STAGE 1: Zagreb - Blato



Time Limit: 1 hour and 30 minutes. As soon as the last starters' time limit expires the organizer will start to collect controls from the terrain.

Baggage Transport:

The only Stage with baggage transport from Start to Finish Area is Stage1 !

The organizer will transport your baggage after you start to the Finish Arena, but it must be neatly packed and handed over to organizer's tent. The baggage must be picked up by the end of the Time Limit for the race!!

Catering and Refreshments Stage 1:

Important note!

There is **no** running water / tap water / for Stage 1. The competitors are advised to additionally bring their own water and drinks supply.

See each Stage info for details.

The organizer will put water and some small portions of snacks by the finish corridor. Be considerate in consuming, so there is enough for all the runners. Please use water provided by the organizers sparingly and for drinking only.

There will be no catering provided by the organizers, except possibly for Stage 1. If we manage to arrange something read it at Bulletin 2 / follow the following info.

Tents:

Clubs are allowed to pitch a tent at Finish Arena of Stage 1.

However, we kindly ask if the clubs can put up the tent, please do so. In case of rain it is forbidden to enter the large building since it is a ruin and it is dangerous.

Toilets:

Sanitary cabins or toilet facilities will be provided in the assembly area = CC (Finish Area), and an extra one on the distant Start.

Clothing and Footwear:

It is strongly advised to use up to knee protection (high orienteering socks) for Stage 1! There is some grass which is short, but has really sharp leaves, and it cuts skin easily. For Stage 1 metal studs (dub-spikes) are allowed but not necessary. There is almost no paved area. The best is to use good trail-running shoes and high socks for calves protection.

Prize Giving:

No prize giving. Stage 1 and Stage 2 sum together. Prize giving is after Stage 2.
Competitors may leave the area as soon as they finish.

Map and Courses Info - STAGE 1

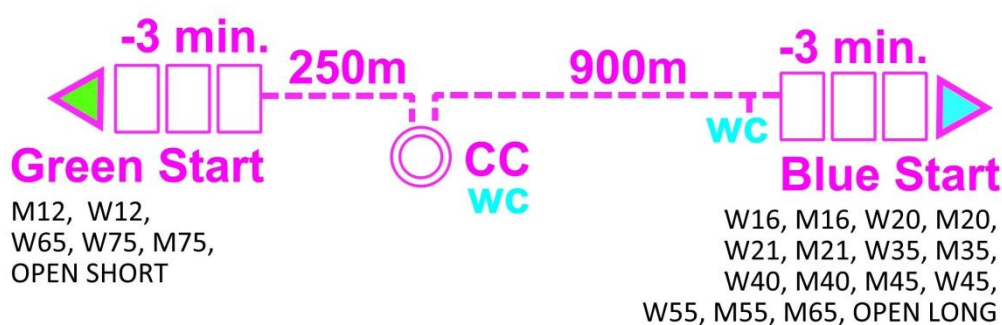
Map: Zagreb - Blato, ISSOM 2017-2; Scale 1:4000; Contour Interval 2.0m
Type of Terrain: Open slightly hilly meadows, cut grass, no asphalt
Cartography: Ivana Gobec, Damir Gobec; 2019
Course planning and Controlling: Damir Gobec, Ivana Gobec
Assistance Control: Bojana Nikolić, Duje Rako, Daliborka Pavlin, Domagoj Pavlin, Maja Kušt, Anita Sem



STAGE 1: Course Summary for ZAGREB OPEN 2019 - 1 /KH/

Distance from CC (finish area) to **Green Start** - 250 m
 Distance from CC (finish area) to **Blue Start** - 900 m

Course	Controls	Length	Climb	Start	Map Size
M21	23	3,9 km	60 m	Blue Start	2 x A4 (map exchange)
W21, M20	19	3,3 km	50 m	Blue Start	2 x A4 (map exchange)
M35, M40	20	3,5 km	50 m	Blue Start	2 x A4 (map exchange)
W20, M45	18	2,8 km	40 m	Blue Start	A3-
W35, W40, M55	18	2,8 km	40 m	Blue Start	A3-
W45, M16, OPEN LONG	17	2,6 km	40 m	Blue Start	A3-
W16, W55, M65	15	2,3 km	30 m	Blue Start	A3-
W65, M75	12	1,7 km	20 m	Green Start	A4
M12, W12	9	1,7 km	10 m	Green Start	A4
W75, OPEN SHORT	9	1,7 km	10 m	Green Start	A4



Map Sample:



Special symbols:

- rootstock or tree trunk
- man made feature
- decorative lamp
- manhole
- dangerous manhole
- very dangerous manhole (covered)
- water hydrant
- out of bounds (forbidden) area



WARNING !

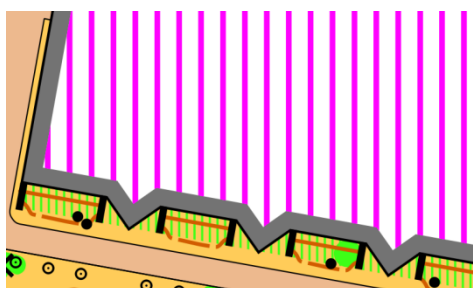


There are a few dangerous abysses (manholes) in the area. The ones visibly rising above the ground are represented with black-dot symbol for small boulder (ISSOM no. 206). Flat and more dangerous ones are represented with "v" symbol for a rocky pit (ISSOM no. 204). Very dangerous ones have purple border around "v" symbol and in terrain the dangerous ones are covered.

You can not fall into a manhole by the accident, but anyway - watch your step!

Don't climb and lean down to those holes out of curiosity!

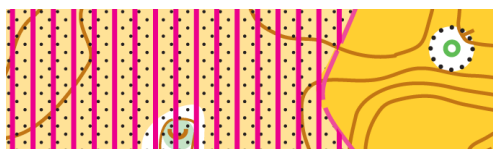
Kids courses don't go through the area with manholes.



There is a huge ruined building on the map. It is shown by its contours and crossed with pink raster.

It is strictly forbidden to go closely by or to enter the ruined building because it is dangerous!

The courses are set up in a way that no one could gain advantage by passing through a building.



There is also a forbidden out-of-bounds area (a construction site) where trucks have recently build up or excavated large amounts of soil.

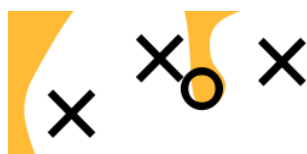
This is also forbidden to cross **because it is dangerous!**



On the map we used out of standard symbol (black circle with a dot) It is used for special lamps (lights).

There are a lot of them, but will not be used for control points.

Ordinary lamps (street lights) are not on the map.




Black X (special symbol ISSOM no. 540) is used for picnic tables, and black circle (special symbol ISSOM no. 539) are barbecue places.

Map Exchange during the Race:

Only at Stage 1 some categories have map exchange (M&W21, M35, M40, M20). A competitor is responsible for taking the right map upon the exchange. You will see clearly on your control descriptions map exchange. New starting position will be the point on which you have map exchange.

Example:
 End of control description on map 1
 (=exchange on control point 10)

10	45								
									

... control descriptions on map 2 starting from the last point on map 1:

ZAGREB OPEN 2019 - 1 /KH/									
M...-2			Control				Control		
10	45								
11	46								

Mandatory crossing point:

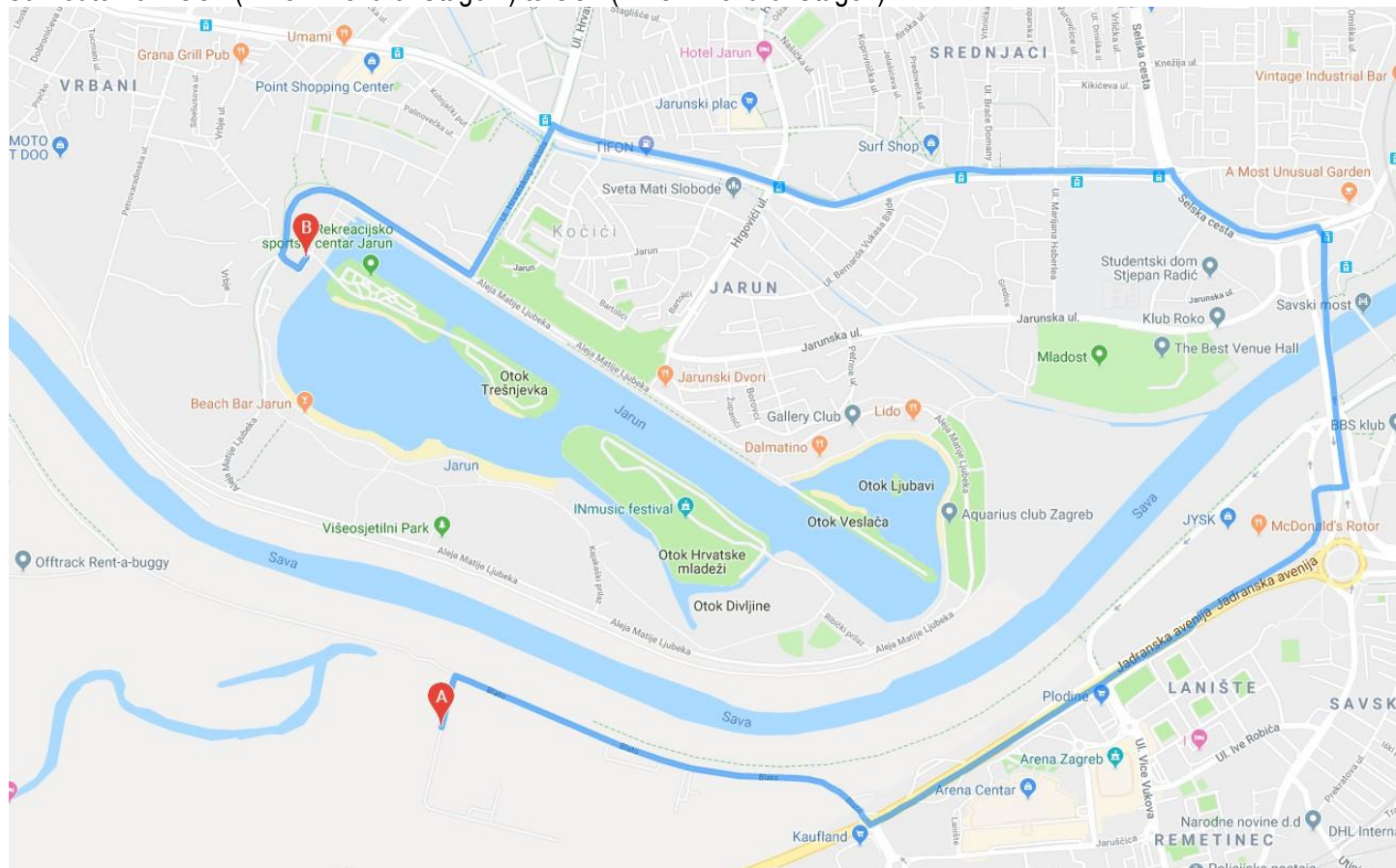


Some classes will have mandatory crossing point at the last part of the course. It is not allowed to run out of the obligated crossing and marked route. It is clearly marked on the map and terrain.

Between Stage 1 and Stage 2

Blato to Jarun Lake

Car route from CC1 (Finish Arena of Stage 1) to CC2 (Finish Arena of Stage2)



Spending time at Jarun Lake...



There are 3 locations for swimming possible, which are not embargoed until the Starting Quarantine.

On beach ***1** and ***2** there are various bars and affordable restaurants, which usually work in September. On beach ***3** there is a bar offering only drinks and ice-cream. There are beach showers. You can swim and eat, but you can not walk around the terrain - respect the embargo areas!

IMPORTANT NOTE!

Don't forget to be in the Starting Quarantine on time!

Jarun Lake for In-Between time - Photos:

Lake Jarun - south beach



Lake Jarun CC2 - Quarantine 1 - beach shower and bar:



Lake Jarun CC2 - Quarantine 2

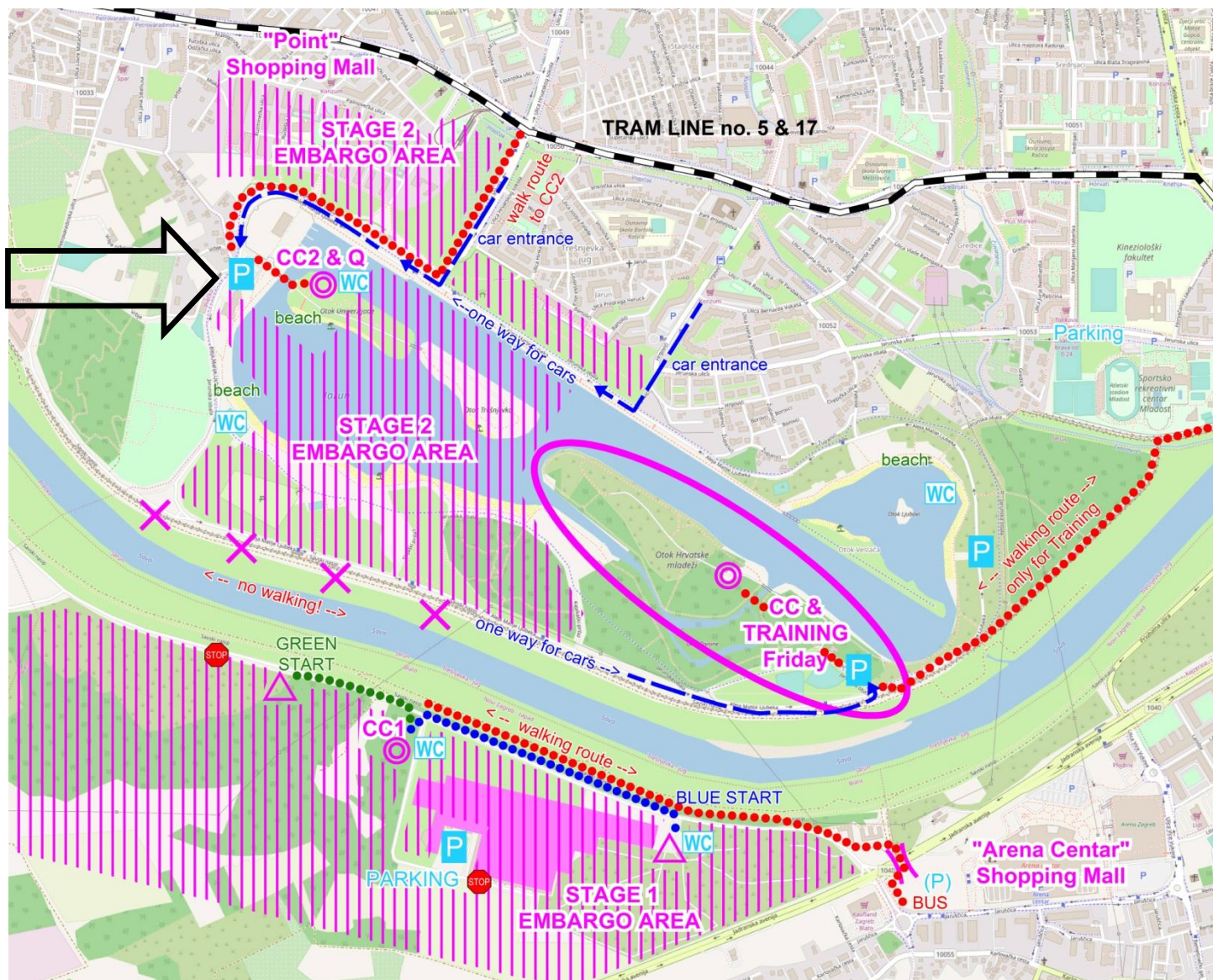


STAGE 2

Sprint

2019/09/21 (Saturday, afternoon)

ZAGREB - JARUN LAKE (west)



CC: 45.785118, 15.913708

Parking: 45.786011, 15.910629

Competition Centre - location and open hours:

Competition Centre is inside Quarantine: Open 2.00 p.m. - 2.30 p.m.

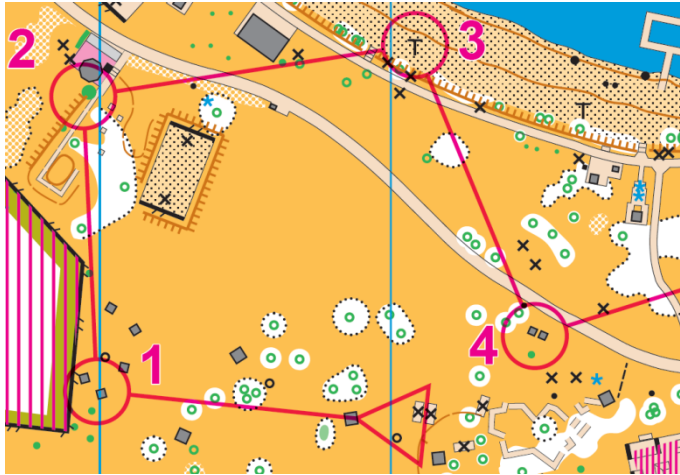
Location/Coordinates: 45.785118, 15.913708

Type of Competition: Prolonged Sprint Distance - winner's time 15-20 min

Map: 1:4000 / 2.0m, ISSOM 2017

Map is A3 format

Stage 2 Photos





Parking Possibilities:

There will be obligatory parking (P - see the map) - Parking coordinates: 45.786011, 15.910629
 It is possible to park a camper van on parking everywhere around the lake.

NOTE:

Entrance to Jarun Lake Sports and Recreational Area costs 5 kuna on Friday, and 10 kuna on Saturday (only for cars and vans). Once you pay it, parking is free, but you have to obey parking zones. There is sufficient parking available. Once you enter the Jarun Lake Sports and Recreational Area with a car, you can only go one way on the road, and that is counter clockwise! Drive very carefully! Beware of many people running and riding bikes.









Arrival to the CC 2 (Finish Arena 1) on foot /public transport/

On foot there are many ways to approach CC2, but it is strictly forbidden to use southern road, and river bank because of the embargo area for Stage 2!!!

ZET public transport: <http://www.zet.hr/>

In this case public transport is complicated because you have to switch between bus and tram lines, and then walk a lot. Advice is, if you are on foot, use **taxi** transport if you want to quickly reach CC2. The price of the taxi should be around 60kn (8€). Note that entrance fee for a car (any veehicle) to Sports and recreational center "Jarun" (lake) is 10kn (1.5€) on weekends.

Approximate calculation of Taxi transport prices:

ukupna udaljenost	 Cammeo	52.77 kn	 060 7100
8.29 km	 EKOTAXI	58.57 kn	 1414
prema prikazanoj putanji	 Radio Taxi Zagreb	59.77 kn	 1777

You can also use Uber and Bolt (Taxify) applications.

Distances from Parking to Finish Arena (CC): 300m
 Distances from Finish Arena (CC) to Pre-Start: 0m
 From Pre-Start to Start: follow blue tapes



1st Quarantine: First Quarantine is the west part of the island, to the bridge (see map).
Starts at 2.00 p.m. to 3.00 p.m.
 So, by 2.00 p.m. everybody has to be on the island. You can use the bar or swim.
 Stay in the circled area (no walking around the island).

2nd Quarantine: Second Quarantine is inside the building, on rowing stadium stands.
Starts at 3.00 p.m. to when all the competitors have started.
 So, by 2.45 p.m. everybody has to be inside the building, on rowing stadium stands. It is only allowed to use toilet facilities below.
 IMPORTANT: Entrance to the 2nd Quarantine will only **be possible with a bib number** (or accompanied with a person with a bib number) because the organizer wants to keep your things safe.



First Pre-Start: **3:30 p.m.** All the competitors are starting from the 2nd Quarantine:
Starting will be directly from the Quarantine. Pre-Starting time will be 15 minutes before the start.
The competitor has enough time to walk the distance to the start following the white-blue tapes by the road. Before the last three starting corridors there will be a toilet available (check before):

First Start: **3:45 p.m.**

Time Limit: 1 hour and 30 minutes. As soon as the last starters' time limit expires the organizer will start to collect controls from the terrain.

Baggage Transport:

The organizer will carry your baggage from the Starting Quarantine **out** to Finish Area, but it must be neatly packed and handed over to organizers. Otherwise you will have to wait for all the competitors to start and leave the Starting Quarantine. Staff is not responsible for any valuables, but we recommend at this Stage that you leave your things under the organizers supervision since this is a public place.

Catering and Refreshments Stage 2:

The organizer will put water and some small portions of snacks by the finish corridor. Be considerate in consuming, so there is enough for all the runners.

There are many sanitary facilities, beach showers, bars and restaurants around Jarun Lake. The bar across the 2nd Quarantine serves only drinks and ice-cream, but restaurant further down the island serves food (but embargoed before race).

Tents:

It is not possible to pitch a tent. 2nd Quarantine has roof. Bring something to sit or lay on concrete, sand or grass.

Toilets:

There is public toilet inside the building of 2nd Quarantine.

Clothing and Footwear:

For Stage 2 metal studs (dub-spikes) are allowed but not recommended. The best is to use good trail-running shoes.

Prize Giving:

Prize giving is after Stage 2. (Stage 1 + Stage 2 summed up) for "Zagreb Open 2019" Event.

As soon as the first 3 in all classes are clear prizes will be awarded. Expected to be around 18:00 p.m. at the Finish Area.

Map and Courses Info - STAGE 2

Map: Zagreb - Jarun Lake Sports and Recreational Area;
ISSPrOM 2019; Scale 1:4000; Contour Interval 2.0m

Type of Terrain: Very flat urban park around the lake, asphalt paths and cut grass meadows, semi-opened land

Cartography: Ivana Gobec, Damir Gobec; 2019

Course planning: Damir Gobec

Controlling: Ivana Gobec, Anita Sem, Dražen Dervišević, Maja Kušt, Domagoj Pavlin



STAGE 2: Course Summary for ZAGREB OPEN 2019 - 2

Distance from Quarantine to Pre-Start (-15 minutes) - 0 m

Course	Controls	Length	Climb	Map Size
M21	27	4,2 km	40 m	A3
W21, M20, M35, M40	25	3,8 km	40 m	A3
W20, M45	24	3,6 km	30 m	A3
W45, M55	23	3,4 km	30 m	A3
M12, W12, OPEN SHORT, W75	14	2,0 km	10 m	A3
W35, W40, OPEN LONG	24	3,5 km	30 m	A3
M16, W55, M65	19	3,1 km	20 m	A3
W16, W65, M75	16	2,6 km	10 m	A3



You will get a printed map with a route to the start. Your copy will be given to you at pre-start.

Map Sample:



Special symbols:

- rootstock or tree trunk
- man made feature
- water hydrant, pipe, shower
- out of bounds (dangerous) area

STAGE 3

Sprint

2019/09/22 (Sunday, morning)

ZAGREB CITY CENTRE



CC: 45.813377, 15.979776

Competition Centre - location and open hours:

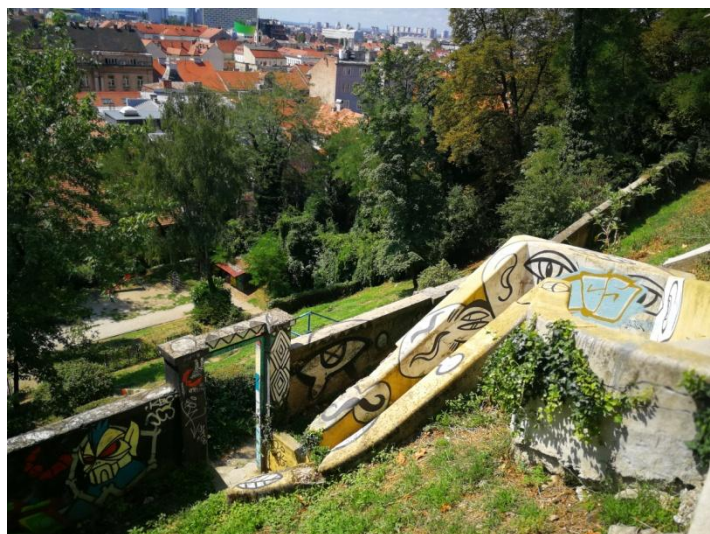
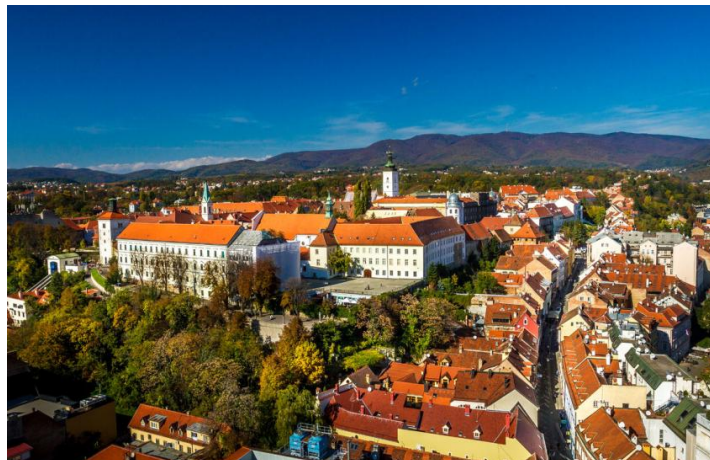
Competition Centre is in Finish Arena (Info tent). Open 8.30 a.m. - 9.30 a.m.

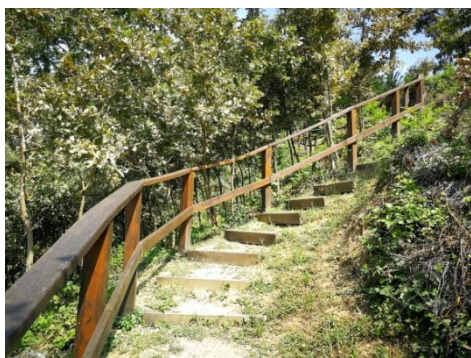
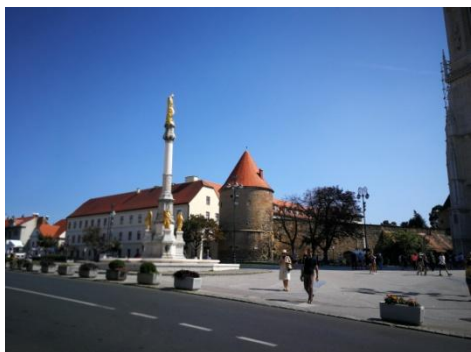
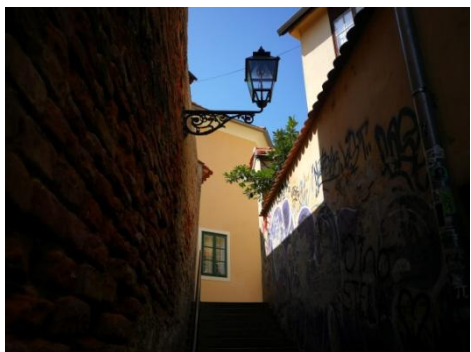
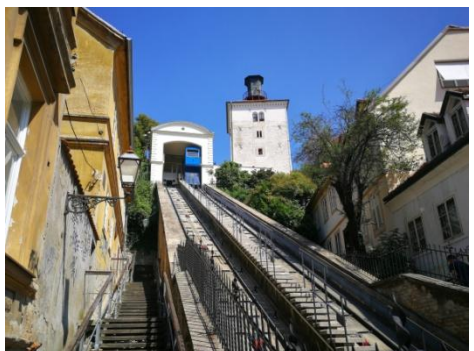
Location/Coordinates: 45.813377, 15.979776

Type of Competition: City Race Euro Tour - shortened long distance, winner time 40-50 min.

Map: 1:4000 / 2.5m, ISSprOM2019
Map is A3 format

Stage 3 Photos







Arrival to the CC 3 (Finish Arena 1) on foot /public transport/

It is recommended to arrive to this competition on foot, using public transport.

Approach is not allowed from west, north-west and north from the CC3 because of an embargoed competition area!

ZET public transport: <http://www.zet.hr/>



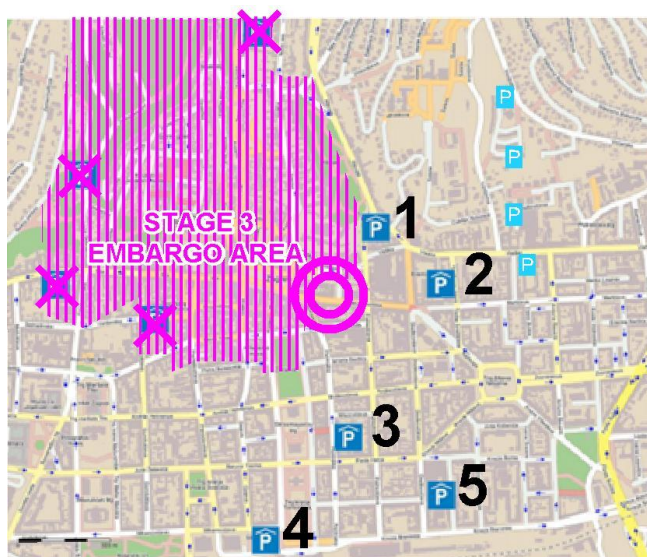
Parking Possibilities:

There will be NO organized parking.

Parking in the centre of Zagreb is hard to find, except in a public garages. On Sunday parking in the street parking lot is free of charge. It is recommended to park your car inside one of the parking garages. There is insufficient parking on streets but you may try to find it. Payments is usually by cash on a parking machine or with SMS message with your mobile phone.

Parking northern of Ilica Street - Trg bana Josipa Jelačića and western from Ribnjak Street - Langov Trg - Palmotićeva Street is **STRICTLY FORBIDDEN** because it is an embargoed competition area!

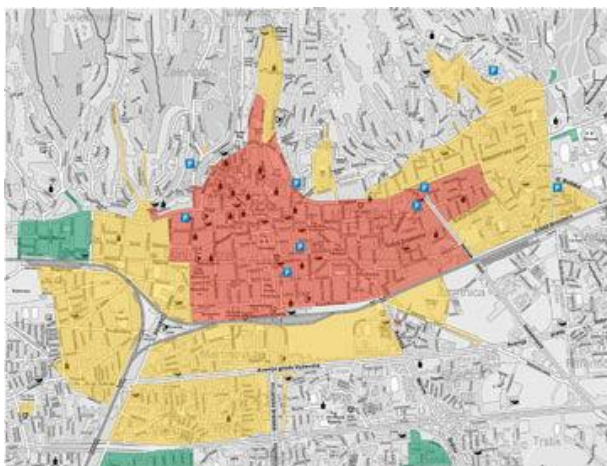
It is **not** possible to park a larger camper-van inside a garage or on parking lots!



parking garage

parking on the street

- 1** Garage Langov trg, Trg Josipa Langa 13
N 45° 48' 52.812 " E 15° 58' 55.002"
- 2** Garage Importanne Galleria ,Trg Drage Iblera 10
N 45° 48' 47.016 " E 15° 59' 6.7632"
- 3** Garage Petrinjska , Petrinjska 59
N 45° 48' 29.4192 " E 15° 58' 49.1844"
- 4** Garage Importanne Center, Grgura Ninskog 2
N 45° 48' 18.3348 " E 15° 58' 35.454"
- 5** Garage Branimir Centar, Trpimirova ul. 4
N 45° 48' 23.7528 " E 15° 59' 6.4716"



parking zones (Monday - Saturday)

There are 24,174 parking places in Zagreb but try and find a spot when you need it!

Zagreb has three parking zones. Parking in the red zone in the city Centre costs 12 kn (1.8€) an hour (max. 2h), in the yellow zone 5kn (0,7€) an hour (max. 2h) and in the green zone 2kn (0,28€) an hour (no time limits). The daily rates are 100Kn (13,5€) in the red zone, 60Kn (8,1€), 20Kn (2,7€) in the yellow and green zones respectively. Daily tickets can be purchased in the post office.

IMPORTANT:

You do not need a parking ticket on Sunday.
Some last minute changes in parking zones happened so please check the colour of the zone when parking.

First Start: 10:00 a.m.

Time Limit: 2 hours and 30 minutes. As soon as the last starters' time limit expires the organizer will start to collect controls from the terrain.

Baggage Transport:

There will **not** be possible to leave your things /clothing, bags.../ at Start!

At the Finish Area there will be a place /organizer's tent/ for leaving clothing, bags and luggage, but it must be neatly packed and handed over to organizers. The baggage must be picked up as a competitor finishes, the latest by the end of the Time Limit for the race!!

Staff is not responsible for any valuables.

Catering and Refreshments Stage 3:

The organizer will put water and some small portions of snacks by the finish corridor. Be considerate in consuming, so there is enough for all the runners. Please use water provided by the organizers sparingly and for drinking only.

There are many bars and restaurants in close vicinity, and even at the Finish Area. Follow the info on possible good deals in nearby restaurants in following Bulletin 2.

In the Finish Area there are also supermarkets which work on Sunday ("Konzum" 10a.m.-15p.m., "Spar" 8a.m.-14p.m.)

Tents: Not allowed

Toilets:

There is a large free public toilet beside the Finish Area, and a small free public toilet at the Start (see picture).

Clothing and Footwear:

For Stage 3 trail-running shoes or ordinary asphalt running shoes are recommended. It might be very slippery on stone-covered parts if rains. Part of the terrain is steep and sometimes it has some undergrowth. Up to knee protection (high orienteering socks) are recommended for elite categories.

Prize Giving:

Prize giving for Stage 3 (City Race Euro Tour) is expected to be around 2 p.m.

Map and Courses Info - STAGE 3

Map:	Zagreb (City Centre), ISSOM; Scale 1:4000; Contour Interval 2.5m
Type of Terrain:	Urban area, blocks of buildings, paved streets and squares, mostly pedestrian area, city parks, urban forest, flat and very steep parts
Cartography:	Ivana Gobec, Damir Gobec; 2019
Course planning and Controlling:	Damir Gobec, Ivana Gobec
Assistance:	Maja Kušt, Domagoj Pavlin



STAGE 3: Course Summary for Euro City Race Tour 2019

Distance from CC (finish area) to Start - 300 m

Course	Controls	Length	Climb	Map Size
M21E	30	6,2 km	180 m	A3
W21E	28	5,7 km	150 m	A3
M20 M40 OPEN LONG	27	5,7 km	150 m	A3
W20 W40 M55	23	5,0 km	140 m	A3
M16 W55 M65	23	3,9 km	120 m	A3
W16 W65 M75	19	3,0 km	60 m	A3
M12 W12 W75 OPEN SHORT	13	1,7 km	20 m	A3



You will get a warm up map with a marked route to the start. Take your copy at Event Centre on the day of Event.

Map Sample:



Special symbols:

- ✕ rootstock or tree trunk
- ✕ man made feature
- monument, artwork
- decorative lamp
- ★ water hydrant, fountain, pipe
- out of bounds area (bar terrace)
- ▨ out of bounds (forbidden) area - dangerous

Speed: It is either completely flat or very steep. Very fast for running on flat parts and downhill. Please respect pedestrians.

Special notes: A route choice is possible through sanctuary Kamenita vrata ("Stone gate"). It is not specially marked on the map, because it is a short public passage, but please pay attention to people praying, and slow down.

There are few construction zones represented on a map. Keep away.

Terraces of bars and restaurants are indicated with ISprOM symbol. no. 714.(light pink). There might be more of those in terrain than in a map.

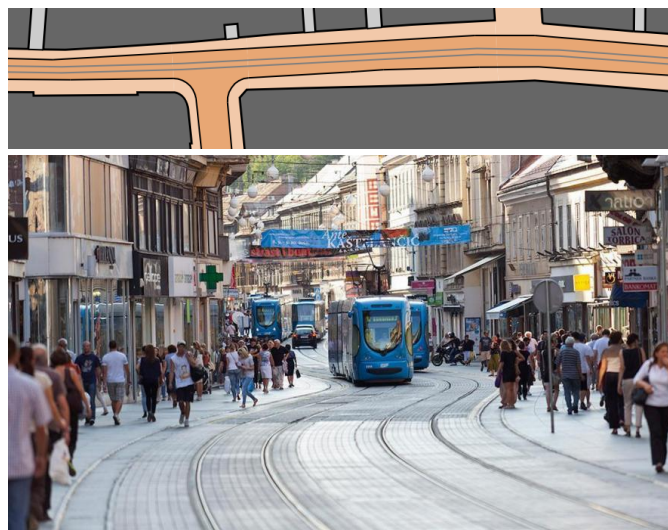
Private entries to courtyards in house blocks may be open or closed. They are not shown on the map, or they are shown with ISprOM symbol. no. 520 (olive green) as private property or a canopy ISprOM symbol no. 522 (grey) leading to private courtyard. Those will not be used for controls. A runner can not benefit passing through.

Vehicle Traffic on Courses:

The traffic will not stop at any time.
 Busy roads have brown 40%

Stage 3 is a city Centre with mostly pedestrians zone, but possible light traffic, except one tram line. **Be very careful when crossing rails, because a tram is not obligated to stop because of a pedestrian!!! Marshal will stop you if it is needed to prevent any possible dangerous situation. Your time will NOT be stopped.**

There is no traffic lights, but there might be a policeman or a marshal regulating traffic at a crossing on a main road. Cross the street watching for tram on both sides (left and right)!!!



Refreshment on the course: refreshment point will be provided for most of the courses on Stage 3. This will be marked accordingly on the map and/or control descriptions. Water only & self service with no glasses!


Mandatory crossing point will be used on few places. Please respect it. It is for your safety!



Uspinjača – Funicular to old town

You are allowed to use funicular if you think that it is faster, easier or just more fun. Find it. You have to have some small money for normal ride or little bit more for a fast ride. You can see the time schedule bellow. **Have fun.**





ZAGREBAČKI ELEKTRONI TRAMVAJI d.o.o.

RED VOŽNJE USPINJAČE

U primjeni od 07.01.2019.

TOMIĆEVA ULICA

GORNJI GRAD

sati	minute					sati	minute						
4						4							
5						5							
6			30	40	50	6		30	40	50			
7	00	10	20	30	40	50	7	00	10	20	30	40	50
8	00	10	20	30	40	50	8	00	10	20	30	40	50
9	00	10	20	30	40	50	9	00	10	20	30	40	50
10	00	10	20	30	40	50	10	00	10	20	30	40	50
11	00	10	20	30	40	50	11	00	10	20	30	40	50
12	00	10	20	30	40	50	12	00	10	20	30	40	50
13	00	10	20	30	40	50	13	00	10	20	30	40	50
14	00	10	20	30	40	50	14	00	10	20	30	40	50
15	00	10	20	30	40	50	15	00	10	20	30	40	50
16	00	10	20	30	40	50	16	00	10	20	30	40	50
17	00	10	20	30	40	50	17	00	10	20	30	40	50
18	00	10	20	30	40	50	18	00	10	20	30	40	50
19	00	10	20	30	40	50	19	00	10	20	30	40	50
20	00	10	20	30	40	50	20	00	10	20	30	40	50
21	00	10	20	30	40	50	21	00	10	20	30	40	50
22							22						
23							23						

U slučaju potrebe (velik broj putnika, hitna vožnja) moguće je ostvariti vožnju i između zadanih voznih reda.

U slučaju potrebe (velik broj putnika, hitna vožnja) moguće je ostvariti vožnju i između zadanog voznog reda.

PRICE LIST	
funicular transportation fares passengers and luggage	
- Single ride.....	5,00 kn
- Excess luggage carried on an extra seat.....	5,00 kn
- Urgent rides.....	25,00 kn

