



**JWOC 2014**  
**Borovets | Bulgaria**

**Junior World Orienteering Championships 2014**  
**Borovets | Bulgaria**  
**21-28 July 2014**

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## Welcome

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### Dear orienteering friends,

It is an honor and pleasant obligation for me and for all Bulgarian orienteers to organize for second time since the 1999 Junior World Orienteering Championships in Bulgaria. And this great event for the orienteering world is going on in the year when the Bulgarian orienteers celebrate 60 years since the first O-race in our country. This time, the JWOC will be held near the capital Sofia, in Rila mountain – at the magnificent tourist centre and ski resort - Borovets.

I believe that JWOC 2014 will be a feast for the orienteering world and I am convinced the competition will satisfy your high demands.

I'm happy to have the pleasure of greeting all young elite orienteers in 2014 with a warm "Welcome to Bulgaria!"



**Prof. Atanas Georgiev**  
**President of Bulgarian orienteering federation**

### Dear sportsmen and organizers,

It's great honor for me to welcome you in Samokov. I am very proud that our town will host the Junior World Orienteering Championship in 2014. Your trust is an excellent valuation to us, not only as a host municipality, but also as nature and sport facilities. I will be happy if you are pleased with your visit and write down the name of Samokov in the history of this sport. Our town is well-known for its sport achievements in historical and current plan. We have given lots of sportsmen to our country.

I wish all the organizers perfect conditions for holding the championship and all the competitors good luck and good memories from our town!



**Vladimir Georgiev**  
**Mayor of Samokov municipality**

### Dear orienteers,

JWOC2014 is coming very soon and in the final of our preparation I would like to welcome all of you here in Borovets - Bulgaria. We are ready and we have tried to make it good enough to satisfy your willingness. We have chosen nice terrains for that event and we hope for good weather and successful organization which will contribute to the good atmosphere of the championship.

I wish you good luck and nice memories from these orienteering days in Bulgaria .



**Todor Pedev**  
**Event director**

## Organizers

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### Patrons:

**Prof. Mariana Georgieva** – Minister of sport;

**Vladimir Georgiev** – Mayor of Samokov municipality;

**Prof. Atanas Georgiev** – President of Bulgarian orienteering federation;

<b>Event director</b>	Todor Pedev
<b>Course planners</b>	Petar Doganov – sprint, relay; Kiril Nikolov – long, middle;
<b>Maps</b>	Petar Doganov – sprint; Vladimir Atanasov, Dian Bonev – long; Georgi Hadzhimitev – middle; Valentin Garkov – relay;
<b>Arenas</b>	Marin Markov
<b>Start</b>	Milen Marinov
<b>Secretary</b>	Natalya Velichkova
<b>Accommodation</b>	Petya Koseva
<b>Transport</b>	Stanimir Enchev
<b>Sport ident</b>	Konstantin Koynov, Yana Sandieva
<b>IT</b>	Ivaylo Kamenarov, Ivan Sirakov
<b>GPS tracking</b>	Viktor Tsenkov
<b>Commentator</b>	Angel Iskrev
<b>JWOC tour</b>	Vladimir Atanasov

## Event controllers

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<b>Senior event advisor</b>	David Ales (CZE)
<b>Assistant SEA</b>	Roman Zbranek (CZE)
<b>National controller</b>	Kamen Kamenarov ( BUL)

## Detailed programme

<b>19<sup>th</sup> July (Saturday)</b>		
12:00 – 20:00	Event office – open - accreditation	Event centre
<b>20<sup>th</sup> July (Sunday)</b>		
12:00 – 20:00	Event office – open - accreditation	Event centre
<b>21<sup>st</sup> July (Monday)</b>		
09:00 – 21:00	Event office – open - accreditation	Event centre
09:00 – 17:00	Model events – (sprint, long)	Samokov, Malyovitsa
12:00	Deadline for sprint entries	
17:00 – 18:00	Technical model	Event centre
19:00	Team leaders meeting	Event centre
<b>22<sup>nd</sup> July (Tuesday) <b>SPRINT</b></b>		
09:00 – 21:00	Event office – open	Event centre
08:00 – 09:20	Buses to the quarantine	Parking
10:00 – 13:30	<b>Sprint</b>	Samokov
10:00	First start – men/women	Samokov
12:00	Deadline for long entries	
13:30	<b>Opening</b> and prize giving <b>ceremony</b>	Samokov
19:00	Team leaders meeting	Event centre
<b>23<sup>rd</sup> July (Wednesday) <b>LONG</b></b>		
09:00 – 21:00	Event office – open	Event centre
06:50 – 08:00	Buses to the quarantine	Parking
09:00 – 16:30	<b>Long</b>	Malyovitsa
09:00	First start – men/women	
16:30	Flower ceremony	Malyovitsa
<b>24<sup>th</sup> July (Thursday)</b>		
10:00 – 21:00	Event office – open	Event centre
10:00 – 16:00	Model events - (middle, relay)	Zheleznica, Borovets
10:00 – 16:00	Excursion	
12:00	Deadline for Middle-Q entries	
19:00	Team leaders meeting	Event centre
<b>25<sup>th</sup> July (Friday) <b>MIDDLE – Q</b></b>		
09:00 – 21:00	Event office – open	Event centre
07:30 – 08:45	Buses to the quarantine	Parking
10:00 – 12:30	<b>Middle - Q</b>	Zheleznica
10:00	First start – men/women	
12:00	Deadline for Middle-F entries	
19:00	Team leaders meeting	Event centre
<b>26<sup>th</sup> July (Saturday) <b>MIDDLE – F</b></b>		
09:00 – 21:00	Event office – open	Event centre
07:30 – 09:00	Buses to the quarantine	Parking
10:00 – 14:00	<b>Middle - F</b>	Zheleznica
10:00	First start – Men A/Women A	Zheleznica
12:10	First start – Men B/Women B	Zheleznica
13:10	First start – Men C/Women C	Zheleznica

12:00	Deadline for Relay entries	
13:00	Flower ceremony	Zheleznica
19:00	Team leaders meeting	Event centre
20:00	Prize giving ceremony – (long, middle)	Borovets
<b>27<sup>th</sup> July (Sunday)</b>		
<b>RELAY</b>		
09:00 – 15:00	Event office – open	Event centre
10:00 – 13:00	<b>Relay</b>	Borovets
10:00	Start first leg - Women	Borovets
10:15	Start first leg - Men	Borovets
13:00	Prize giving ceremony	Borovets
13:30	<b>Closing ceremony</b>	Borovets
<b>28<sup>th</sup> July (Monday)</b>		
09:00 – 12:00	Event office - open	Event centre
→	Departure	

## Event centre

### Iglika hotel - Borovets

42°15'57.22"N 23°36'27.22"E

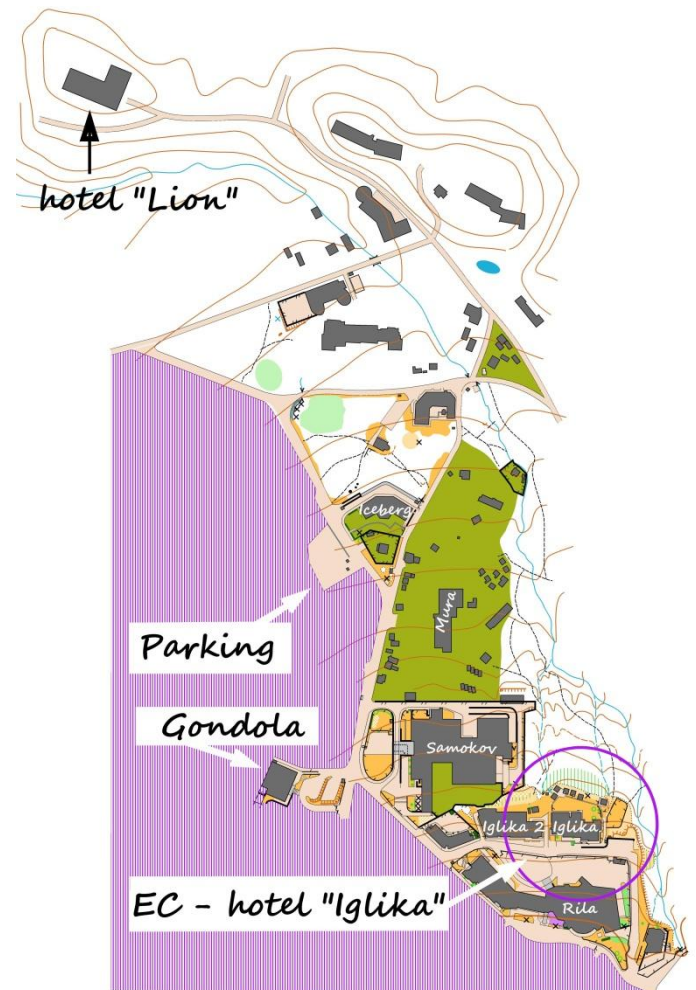
Iglika hotel is situated in the very centre of the resort Borovets - 70 km south of Sofia.

[www.hoteliglikapalace.com/en/](http://www.hoteliglikapalace.com/en/)

The event office will be located in the Event centre.

Event office number: +359 893 396 397

Event office mail: [jwoc2014@abv.bg](mailto:jwoc2014@abv.bg)



## Accreditation

All registered teams must check in for accreditation at the JWOC Event office upon their arrival. All registered team members must present their personal passports before they can be accredited. We ask the team leaders to collect and present all the passports of the entire team together.

At accreditation all team members will be given a bag with personal JWOC ID card, bulletin 4 and other JWOC materials. All accredited persons must wear their ID card at all relevant times - it must be presented for access (accommodation and board, transport, excursion and quarantine zones).

## Accommodation and board

Type	Rooms	Own WC/ shower	Distance from EC	Own parking	JWOC bus stop	Wi-fi	
A1	Hotel Lion	Single	yes	1,4km	yes	900m	yes
A2	Hotel Lion	Double	yes	1,4km	yes	900m	yes
B1	Hotel Igljika	Single	yes	0,0km	yes	500m	yes
B2	Hotel Igljika	Double/Triple	yes	0,0km	yes	500m	yes
C	Hotel Igljika		yes	0.0km	Yes	500m	yes

All types of accommodation include board and it will be provided in the restaurants of the respective hotel. In the days of Long final and Middle final a lunch package will be provided. The packages of the team will be given to the team leaders in the morning in the hotel restaurants.

## Ceremonies

### Opening ceremony

The opening ceremony of JWOC 2014 will take place on Tuesday 22nd July at 13:30 in the centre of Samokov after the Sprint race and before the prize giving ceremony for Sprint distance. The athletes should be dressed in their national jerseys.

### Medal and flower ceremonies

The medal ceremonies will take place according to the protocol of IOF rules.

The medal ceremony for the Sprint will take place after the competition at the finish arena, therefore there will be no flower ceremony. The athletes in 1st-6th place will receive awards.

There will be a flower ceremony after the Long distance and the Middle distance races in the finish area. The athletes in 1st-3rd place will be awarded. The medal ceremony for these races will take place at the centre of Borovets on Saturday 26th July.

The medal ceremony for the Relay will take place after the competition in the finish arena, therefore there will be no flower ceremony. Athletes in 1st-6th place will receive awards.

### **Closing ceremony**

The closing ceremony will take place at the Relay finish arena. We kindly ask all teams to participate in the ceremony.

 A banquet will be not held because of a decision of the IOF.

## **Rest day**

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During the rest day on Thursday the organizers have prepared a bus trip and excursion for all the participants. It is free of charge and all athletes and officials are welcome to visit an ancient thracian-roman fortress. All team members are welcomed. The buses for the trip will start from the parking with the following schedule:

<b>Bus</b>	<b>Departure</b>	<b>Teams</b>
1	09:00 – Middle model + excursion	Will be given in the event office -23 <sup>rd</sup>
2	09:00 – Middle model + excursion	Will be given in the event office -23 <sup>rd</sup>
3	09:30 – Middle model + excursion	Will be given in the event office -23 <sup>rd</sup>
4	09:30 – Middle model + excursion	Will be given in the event office -23 <sup>rd</sup>
5	10:00 – Middle model + excursion	Will be given in the event office -23 <sup>rd</sup>
6	10:00 – Middle model + excursion	Will be given in the event office -23 <sup>rd</sup>
7	10:00 – Excursion	Will be given in the event office -23 <sup>rd</sup>
8	11:00 – Excursion	Will be given in the event office-23 <sup>rd</sup>

## **Competition rules**

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The competition rules for IOF foot orienteering events (version valid from 1st January 2014) shall be applied to participation in the Junior World Orienteering Championships 2014. Please refer to the competitions rules on the IOF website: [www.orienteering.org/wp-content/uploads/2010/12/Competition-Rules-for-IOF-Foot-Orienteering-Events-2014.pdf](http://www.orienteering.org/wp-content/uploads/2010/12/Competition-Rules-for-IOF-Foot-Orienteering-Events-2014.pdf)

In the Middle distance competition, the competitors placed number 20 or better in each qualification race heat will qualify to A-Final. Competitors placed 21- 40 in each qualification race heat will run in B-final. The remaining competitors run in C-final. This exception is valid for both classes, M20 and W20. Start intervals for Middle B and Middle C final will be 1 minute only. If there is more than one runner on 20th place in a qualification heat, there will be more runners in A final.

## **Classes and participation restriction**

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### **W 20, M 20**

All competitors must be born in or after 1994 and must be full passport-holding citizens of the country they are representing. Maximum number of competitors per country in each individual discipline is 6. For the Relay 2 teams per country consisting of 3 team members can start in each relay class.



## Anti-doping code

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Doping is forbidden: „think positive - test negative“. All competitors shall follow the IOF anti-doping code.

## Media

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We welcome all media representatives to JWOC 2014. A media centre will be open at the Event centre. An internet access and electricity sockets will be available here. Please bring your own notebooks - no computers will be offered. At each race, the possibility of photographing at assigned places and controls will be offered in the presence of an organiser. The time for gathering and departure from the arena will be announced the day before on the team leaders meeting.

## Health service

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The organizers will co-ordinate health care services for the participants. But each federation is responsible for insurance for all their team members.

Health-care services will be provided at the finish arenas of the competitions. The phone number for emergency calls is **112**.

## Weather

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It is usually sunny and the average temperature in Borovets for July is 23 degrees. Statistically there is possibility for about 9 rainy days for the month. The average daily humidity is 80%. You can check the website: <http://sinoptik.bg/borovets-bulgaria-100733055?search>

Actual weather forecast will be given at every team leaders meeting.

## GENERAL INFORMATION FOR THE EVENTS

### Punching system and time keeping

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The Sport ident punching system will be used in all JWOC 2014 competitions. All competitors will receive SI cards from the organisers at the accreditation. After the relay event, the team leaders must return all the SI-cards together to the Event office staff in the Event centre. A charge of 50EUR will be imposed for any missing card. Each competitor will be given a SI-card and it must be used during the whole competition by that athlete only!

In case of SportIdent unit failure (the unit gives neither a feedback beep nor a light feedback signal) athletes must punch manually into the reserve punching boxes printed on the maps.

In all races the times are rounded to a whole second.

**Start:** In all individual races the start official will keep a hand on the map and on the shoulder of the competitor until the start beep. No electronic start gate will be used.

**Finish:** In all races the time is taken when the competitor punches the final station at the finish line. For relay competition it will be placed approximately 5m after the finish line, but the final positions will be decided by the judges on the finish line.

On the technical model on Monday 21th July, the punching, start procedure and finish procedure will be demonstrated.

## Clothing

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There are no special regulations applying to runners concerning the type of clothing they choose to wear except Sprint distance. But the organisers recommend use of long trousers for the Long distance, Middle distance and Relay races. It is recommended to have magnifying glass for the Middle distance.

It is **strictly forbidden** to use shoes with spikes in the Sprint competition (including Sprint quarantine and Sprint warm up area). **An athlete who is seen to use shoes with metal spikes will be disqualified.**

## Final entries for each race

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The teams must hand their final names entries for each competition before 12:00 on the day before the respective competition. The athletes should be assigned to groups: 1-early, 2-middle, 3-late. The second athlete to a group may be assigned only after there are athletes in all three groups.

For all disciplines paper forms distributed at the Event Office will be used.

Up to one hour before the first start, a competitor may be replaced for a valid reason (e.g. accident or illness). Change of starting group or qualification race heat is not permitted. Changes to relay teams may be made until one hour before the start of 1st-leg in the respective class.

## Transport

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The transport to the competitions will be by JWOC shuttle buses - **this service is included in the entry fee**. It is compulsory for all athletes and coaches to use the JWOC shuttle buses from Event centre to the pre-starts for all distances except Relay which is within walking distance. The teams are allowed to organize their own transport to and from the finish arenas only for team leaders and non-competing athletes, but no discount on the entry fee will be given.

All shuttle buses will terminate their trip near the arenas - it is always possible to get both to pre-start or arena by the JWOC shuttle bus.

The athletes must use the buses assigned to them in accordance with the transport schedule. The distribution is based on start times. Athletes & coaches must show their accreditation cards when getting on board.

JWOC shuttle buses back to Borovets will depart when all the seats are occupied. Earliest departure time is given in the transport schedules.

Transport for the excursion in the rest day will be organized by JWOC shuttle buses - **this service is included in the entry fee.**

Transport to Long model, Middle model and Sprint model is organized for teams which have confirmed their need of transport by June 30<sup>th</sup> 2014 in their entry form.

Transport to Relay model will not be organized, because it is in a running distance from the Event centre.

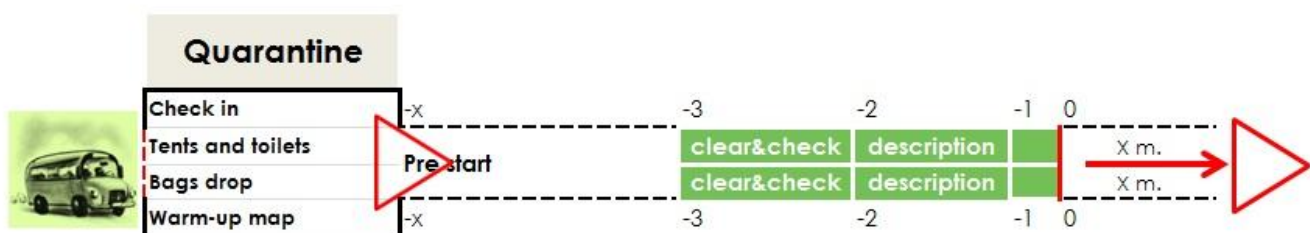
All transport provided by organizers to all competitions, model events and the excursion will start from parking place in Borovets(42°16'7.27"N 23°36'13.84"E), which is close to the Event centre.

## Start

All the races except the Relay are organized with pre-start and quarantine. The organized transport will stop at the entrance of the quarantine zone and all the competitors and coaches will be checked when entering the quarantine where they have to stay. Coaches and non-competing competitors who leave the quarantine are not allowed to re-enter. In the quarantine there are toilets. There will also be warm-up maps available, which is part of the quarantine zone. Clothes transport to the finish is provided. In the quarantines for Long, Middle-Q and Middle-F will also be tents, but the teams are allowed to bring their own tents inside these quarantines. In the Sprint quarantine there are no tents available and no possibilities for own tents.

The pre-start will be placed at the edge of the quarantine and it will be marked on the warm-up map with a triangle. Only participating competitors have an access beyond the pre-start. Once the competitors pass the pre-start they are not allowed to go back to the quarantine. Competitors will reach the start corridors where they clear and check their Si cards on -3. Control description will be available on -2. After the start the competitor must follow the marked route to the start point.

The GPS devices for the chosen competitors will be given on the pre-start.



## Finish

The marked route from last control to the finish must be followed. After punching the final station on the finish line the time is stopped. The competitors return the map, read their Si card, receive printed split and get refreshments.

## Washing facilities, toilets and tents

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Simple washing facilities (just tank and water – no showers) are available on Long and Middle arenas.

Toilets are available on all arenas and quarantines.

Tents are available on all arenas and the teams are allowed to use their own tents.

## Late star

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Runners who miss their start time due to their own fault will be allowed to start, but the race time will be counted from their original start time.

Runners who miss their start time due to a fault of the organizers will be given a new start time at the end of the start list – 2min. after the last starter, 1min for Sprint.

## Fairness

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1. Team officials and non-competing runners are not allowed to enter the competition areas.
2. Except for the relay, team members heading to pre-start are not allowed to visit the arenas before the respective competitions. It is also not allowed (and not fair) to gain any unofficial information about the arenas from other persons.
3. When staying in the quarantine, mobile phones must be completely turned off. (There may be random checks).
4. It is allowed to use music players without any built-in connectivity. Inside the quarantine, athletes with headphones might be randomly asked to display their players for checking.
5. It is strictly forbidden to bring any electronic devices (except for watches) to toilets, no matter if the device is on or off.
6. Competitors are allowed to run with own GPS device only if this will be without display.
7. It is not allowed to use any old maps of competition areas after getting on board the JWOC shuttle buses.
8. Violations of these rules should be immediately reported to quarantine staff to preserve fairness.
9. Violation of these rules may result in the disqualification of the whole team.

## Maximum running times

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Every race has maximum running time given in the individual event instructions. If the stated limit is exceeded, the competitor will be disqualified.

## Abandoning a race

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Athletes who are forced to retire from a race must report and hand to the finish staff their competition maps.



## Complaints & protests

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Any complaints must be made in writing and handed at the information on the finish arena as soon as possible. The complaint will be discussed by the organizers and the complainant will be informed immediately about the decision. Complaints concerning results must be made no later than 15 minutes after the results have been declared official by the speaker.

A protest can be made against the organiser's decision about a complaint. Any protest must be made in writing to a member of the jury no later than 15 minutes after the organisers has announced the decision about the complaint.

## Jury

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Aaron Less (HUN), Chezare Tarabochia (ITA), Susanne Wiklund Bjork(SWE)

## Team leaders meetings

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Additional competition information as well as printed material such as start lists, results will be provided at team leaders meetings. Every team leaders meeting starts in 19:00 o'clock.

## Number bibs

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All competitors are required to wear number bibs on all races. The number bibs with safety pins will be distributed at the entrance of the quarantine on the check in. The number bibs must be visibly placed on the chest and may not be folded or cut.

## Maps and control descriptions

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All the maps are prepared according to the IOF standards (ISOM2000 and ISSOM2007). The print technology will be demonstrated on the model event maps. All competition maps are waterproof, sealed in plastic. Competition maps will be collected at the finish of each race and new maps for the teams will be available later at the Event office in the Event centre.

The control descriptions are in accordance with the IOF standard. Control descriptions will be available at the start corridors and also will be printed on the maps.

## GPS

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There will be GPS tracking on all disciplines except Middle - Q. Casually chosen competitors will be given a GPS device. The harnesses for the chosen competitors will be given on the check in at the entrance of the quarantine. The GPS devices will be given on the pre-start.

## Embargoed areas

With reference to the IOF Competition Rules (article 26.6) the indicated areas are embargoed. It is prohibited to enter these areas for potential team members, leaders and others, who through the knowledge of the terrain could influence on the results of the JWOC competition. However, the paved public roads passing through these areas may be used.

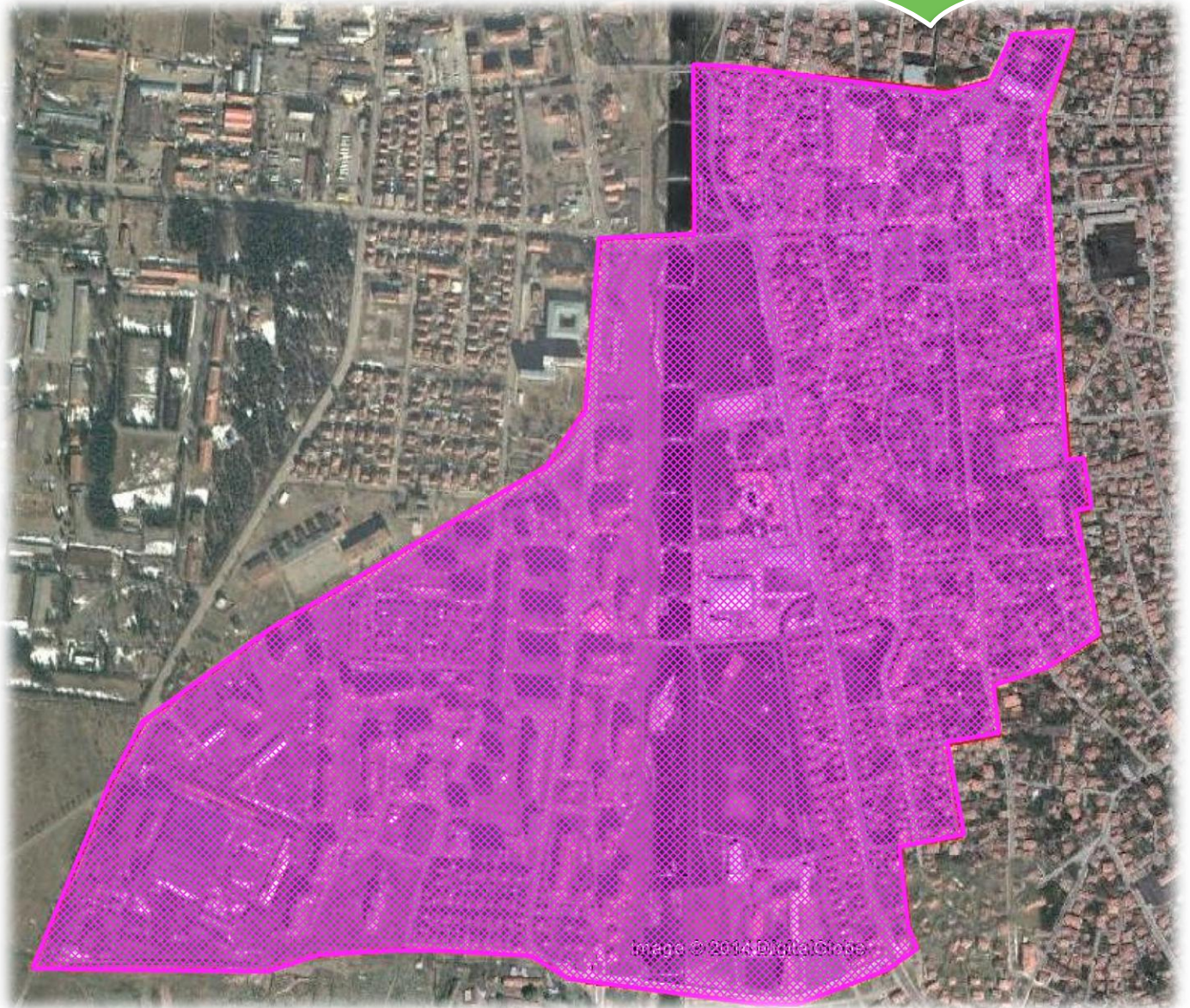
There is an exception for the Sprint area. It is allowed to stay in the city centre of Samokov, to use public transport and public bus stations before 19:00 on 21st July, but it is prohibited to organize in this area training sessions, testing routes, etc. The centre of Samokov is **strictly forbidden** area for all competitors, team officials and coaches from 19:00 on 21st July to 14:00 on 22-nd July.



\* the areas of model events are given with yellow.

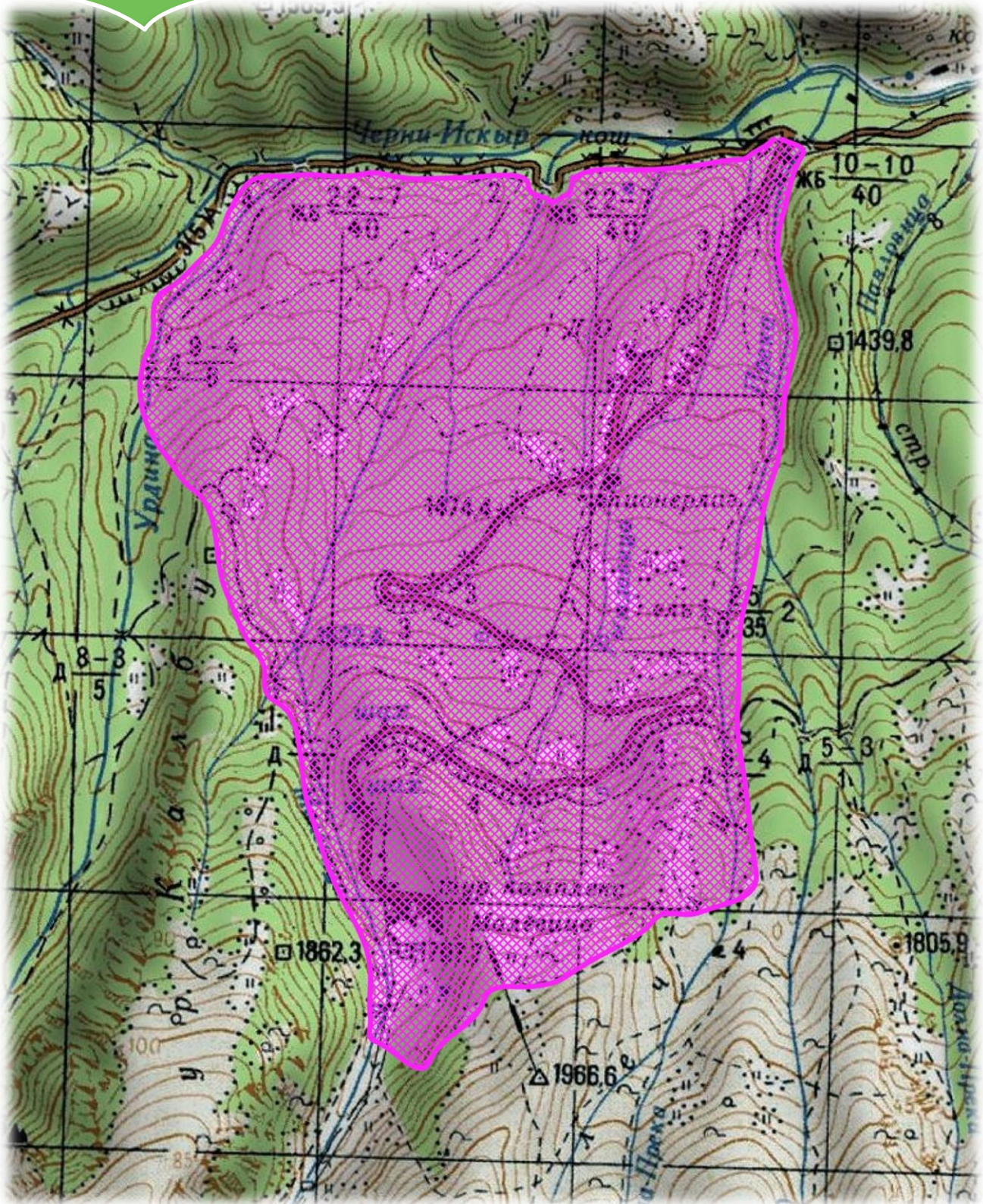


Sprint -Samokov



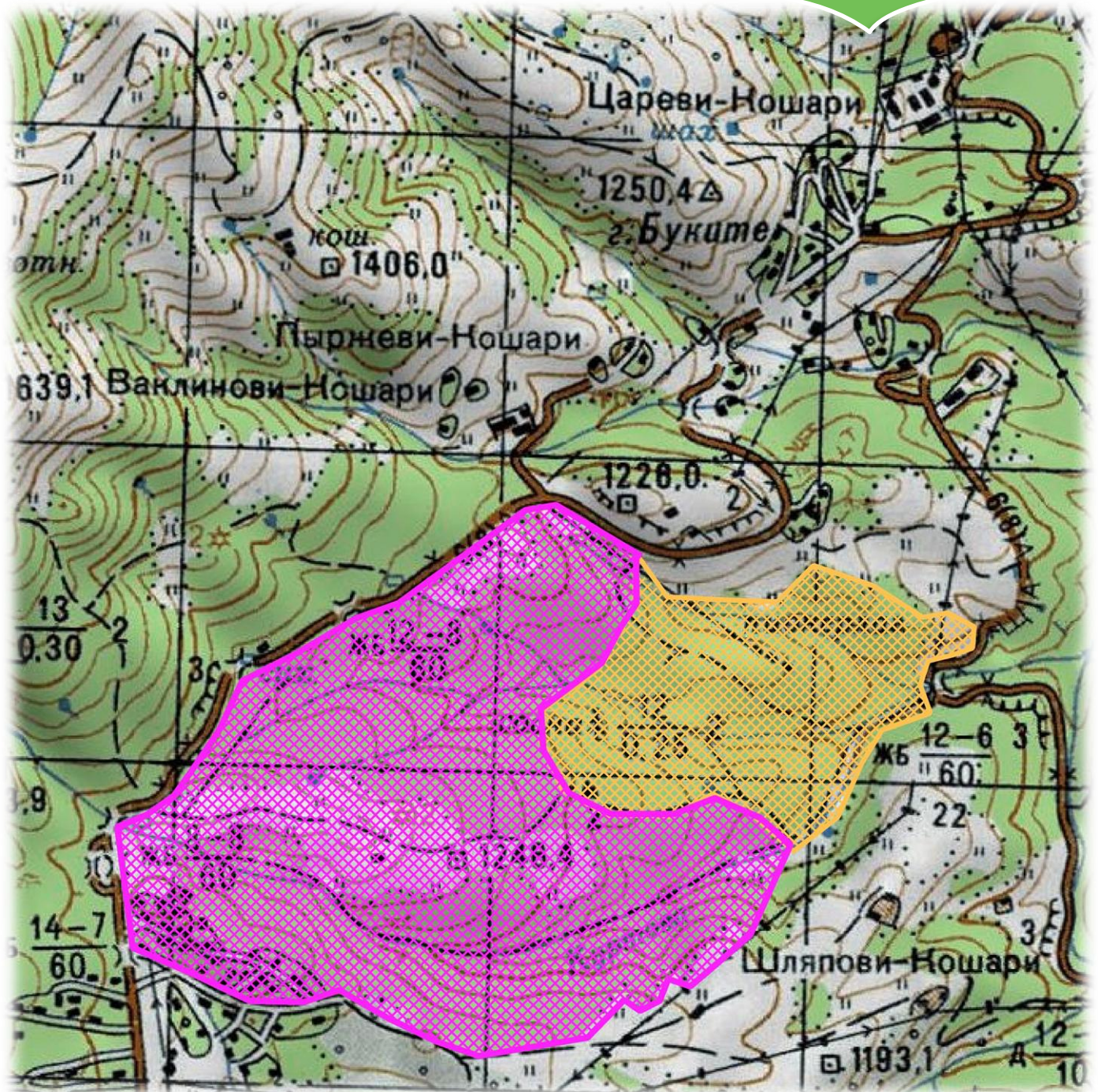


Long - Maliovitza



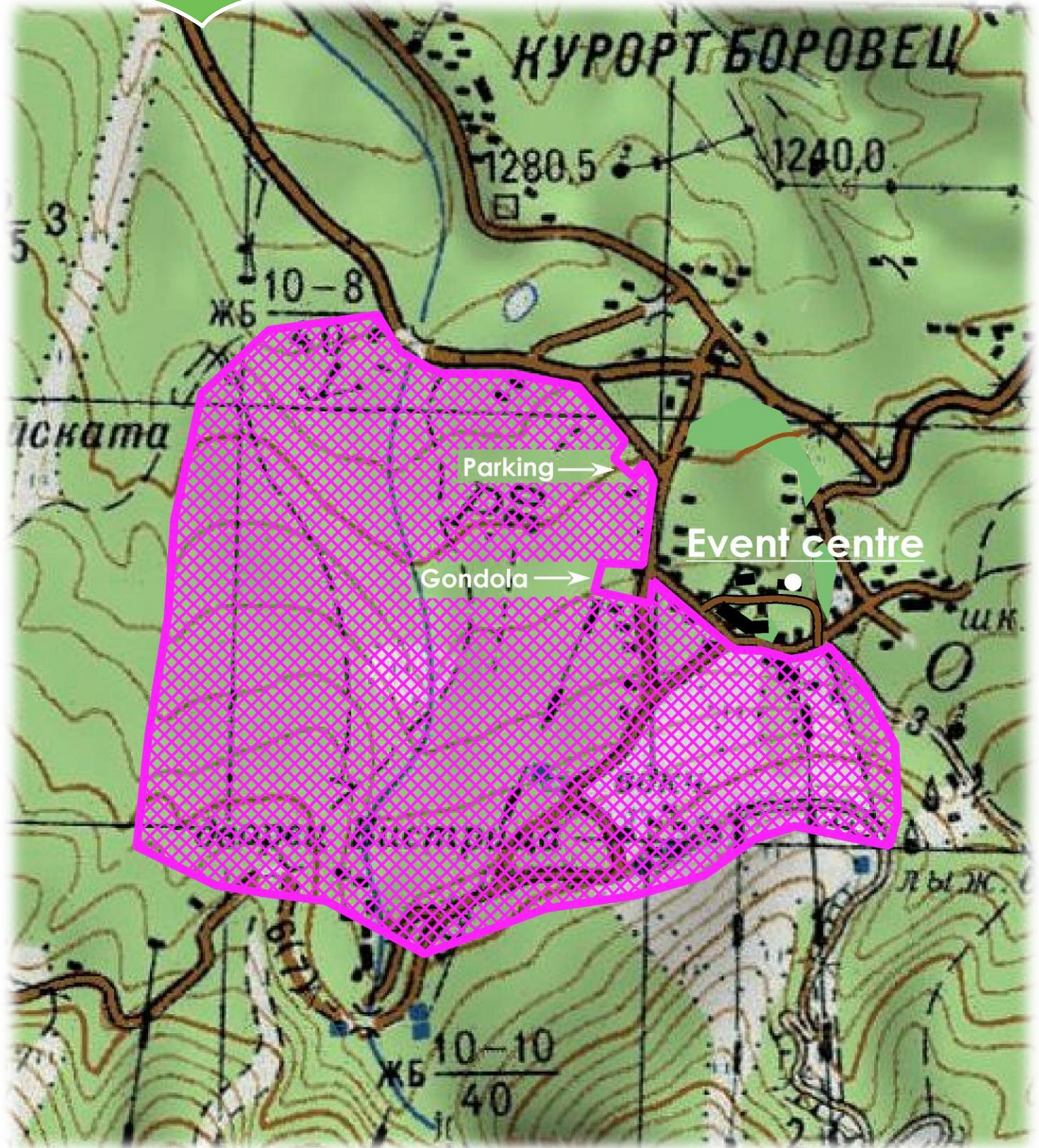


Middle - Zheleznica





Relay - Borovets



## Model events

The model events will provide relevant examples of mapping, printing, terrain, control siting and control descriptions.

Model map	Scale	E	Mapmaker
<b>Sprint</b>	1:4000	2m.	Petar Doganov
<b>Long</b>	1:15000	5m.	Vladimir Atanasov
<b>Middle</b>	1:10000	5m.	Georgi Hadzhimitev
<b>Relay</b>	1:10000	5m.	Valentin Garkov

The technical model will provide examples of the Sportident punching system, start procedure & finish procedure.

The model event maps will be distributed at the time of accreditation and will be available after 12:00 on 19<sup>th</sup> July (Saturday).

The model events will be equipped with standard control flags only during the scheduled periods, but it is allowed to visit model event areas also outside these "opening hours".

Model	Date - Period	Place	Coordinates	Distance
<b>Sprint</b>	21.07 - <b>(09-17)</b>	Vyzrajdane	<b>42°20'37.06"N 23°33'51.59"E</b>	11km
<b>Long</b>	21.07 - <b>(09-17)</b>	Govedarci	<b>42°14'46.26"N 23°26'13.27"E</b>	25km
<b>Technical</b>	21.07 - <b>(17-18)</b>	Event Centre	<b>42°15'57.22"N 23°36'27.22"E</b>	0km
<b>Middle</b>	24.07 - <b>(10-16)</b>	Zheleznica-east	<b>42°30'40.86"N 23°21'44.26"E</b>	50km
<b>Relay</b>	24.07 - <b>(10-16)</b>	Borovets	<b>42°16'45.16"N 23°36'54.40"E</b>	2km

### Organized transport to the model events

Transport to the Sprint model, Long model and Middle model is provided for those teams who have booked it on the final entry form. The teams will be assigned in some of the groups.

There will be no organized transport to the Relay model, because it is on walking distance from the accommodation.

Transport may still be booked via the Event office up to the available capacity of the buses.

### SPRINT Model - 21.07 - Monday

Bus	Departure/Arrival	Return/Arrival	Teams
1	09:00/09:20	10:30/10:50	Wil be given in the event office-20 <sup>th</sup>
2	09:20/09:40	10:50/11:10	Wil be given in the event office-20 <sup>th</sup>
3	09:40/10:00	11:10/11:30	Wil be given in the event office-20 <sup>th</sup>
4	10:00/10:20	11:30/11:50	Wil be given in the event office-20 <sup>th</sup>
5	10:20/10:40	11:50/12:10	Wil be given in the event office-20 <sup>th</sup>
6	10:40/11:00	12:10/12:30	Wil be given in the event office-20 <sup>th</sup>



**LONG Model - 21.07 - Monday**

Bus	Departure/Arrival	Return/Arrival	Teams
1	14:00/14:50	16:00/16:50	Will be given in the event office-20 <sup>th</sup>
2	14:00/14:50	16:00/16:50	Will be given in the event office-20 <sup>th</sup>
3	14:30/15:20	16:30/17:20	Will be given in the event office-20 <sup>th</sup>
4	14:30/15:20	16:30/17:20	Will be given in the event office-20 <sup>th</sup>
5	15:00/15:50	17:00/17:50	Will be given in the event office-20 <sup>th</sup>
6	15:00/15:50	17:00/17:50	Will be given in the event office-20 <sup>th</sup>

**MIDDLE Model - 24.07 – Thursday**

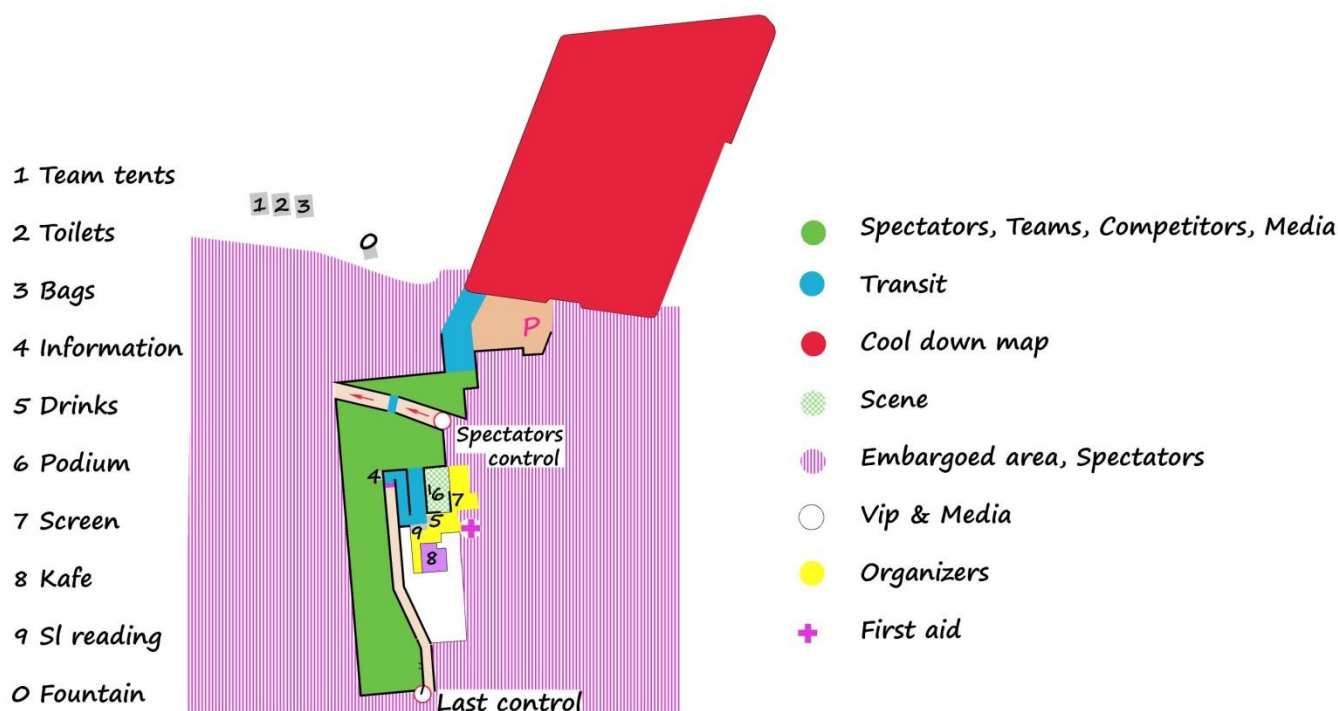
Bus	Departure	Teams
1	09:00 – Middle model + excursion	Will be given in the event office-23 <sup>rd</sup>
2	09:00 – Middle model + excursion	Will be given in the event office-23 <sup>rd</sup>
3	09:30 – Middle model + excursion	Will be given in the event office-23 <sup>rd</sup>
4	09:30 – Middle model + excursion	Will be given in the event office-23 <sup>rd</sup>
5	10:00 – Middle model + excursion	Will be given in the event office-23 <sup>rd</sup>
6	10:00 – Middle model + excursion	Will be given in the event office-23 <sup>rd</sup>
7	10:00 – Excursion	Will be given in the event office-23 <sup>rd</sup>
8	11:00 – Excursion	Will be given in the event office-23 <sup>rd</sup>

**SPECIAL INFORMATION FOR EACH EVENT**

**SPRINT**

**Location:** Samokov

**Finish arena:** 42°20'17.00"N 23°33'33.23"E



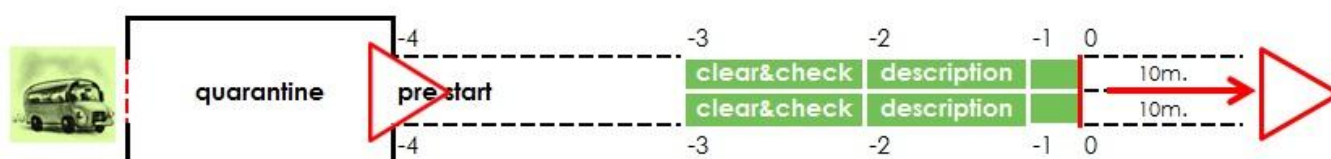


**Start:** 10:00

**Start interval:** 1 min.

**Transport:**

Start time	Departure	Arrival	Start time	Departure	Arrival
10:00-10:20	08:00	08:20	11:20-11:40	08:40	09:00
10:20-10:40	08:00	08:20	11:40-12:00	08:40	09:00
10:40-11:00	08:20	08:40	12:00-12:20	09:00	09:20
11:00-11:20	08:20	08:40	12:20-	09:20	09:40
First bus back – 14:15					



**Quarantine:** The quarantine closes in 09:45. All runners and coaches must be inside after that time.

**Pre-start:** The pre-start is placed on the edge of the quarantine and it is 4 minutes before the start time.

**Terrain description:**

### Sprint map- "Samokov"

**Terrain form** Mixed – urban and park area (the city centre of Samokov). About 900 meters above sea level

**Vegetation** Partly park area with grass and flowers; urban area without vegetation.

**Runnability** Excellent

**Visibility** Excellent

**Roads and paths** Lots of fast paths and asphalt roads



**Map:** Map: Scale 1:4000, contour interval 2m. Size of map 297mm x 410mm.

**Mapmaker – Petar Doganov**

**Courses:**

Class	Winning time	Length	Climb	Controls	Maximum time
<b>Men</b>	15 min	3,7km	15m	20	50min
<b>Women</b>	15 min	3,1km	10m	17	50min

**Course setter – Petar Doganov**

**Control description:**

Size of the loose control description: **Men - 50x150mm; Women - 50x132mm;**

**GPS:** There will be GPS tracking for 40 Men and 40 women.

The harnesses for the chosen competitors will be given at the check in point on the entrance of the quarantine.

The GPS devices will be given on the pre-start.

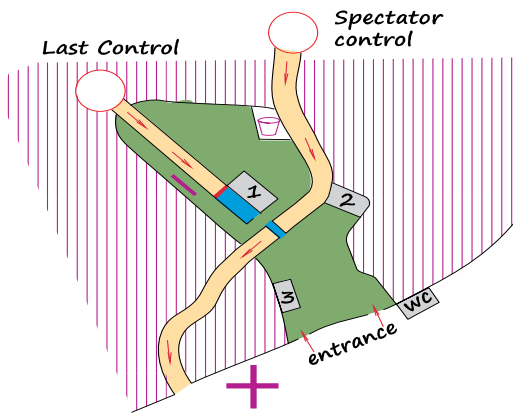
**Traffic:** A significant part of the courses are through traffic-free areas. The speed limit in the competition area is down at 50km/h. The municipality police and organisers will assist during the competition.

- ❑ All dark green areas and hedges on the map, represented by ISSOM symbol 421 (impassable vegetation) are forbidden to cross.
- ❑ Most controversial olive green private areas (symbol 528.1), impassable vegetation (421), impassable walls (521.1) or impassable fences (524), which should not be crossed, but there is a possibility for crossing them by mistake, will be taped in the terrain. Any runner who nevertheless crosses such taped areas or objects will be disqualified.
- ❑ Outside restaurant areas are represented in plan shape with symbol 714.0(temporary construction or closed area). These given on the map are forbidden to cross and competitors violating this rule will be disqualified.
- ❑ **Special objects:**
  - × - Black cross = an artificial object (to be specified at TOM);
  - - Black circle = a big pot of flowers;
- ❑ **Warm-up map** will be given at the check-in in the quarantine.
- ❑ The arena limits are not taped on the area, but they are easy for distinguish and clearly given on the arena plan and cool down map. It is strictly forbidden for any team member to enter the competition terrain until the last JWOC competitor arrives at the finish.
- ❑ There is **spectator control and arena passage** for both courses.
- ❑ **Out of bounds areas** are marked on the map with symbol 709.0. When shown with a outline(symbol 709.1), they are taped on the terrain. There is a street in the town which is marked as forbidden to pass through – no border on the map, thus not marked in terrain.
- ❑ Cool-down area with small map is available after finish.
- ❑ Shoes with metal spikes are **strictly forbidden!** Track shoes or cross-country shoes are recommended. A violation of that prohibition from any competitor will lead to a disqualification.
- ❑ There are controls in the terrain very close to each other, but in accordance with IOF rules.
- ❑ There is ennoblement in the town and construction work is leading now in Samokov. The changes of the terrain are insignificant and they do not have a big influence on the orienteering, so they are not given on the map.

## LONG

**Location:** Malyovitsa

**Finish arena:** 42°13'37.12"N 23°23'39.17"E



1 - Read SI, Speaker, Info

2 - Team Tents

3 - Shops

● - Spectators

● - Transit

| - Finish Line

+ - First Aid

☪ - Coaching Zone, Refreshment

| - TV Screen (Results + GPS tracking)

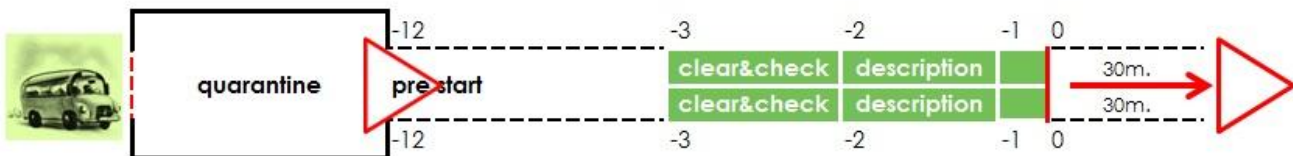
**Start:** 09:00

**Start interval:** 2min.

**Transport:**

Start time	Departure	Arrival	Start time	Departure	Arrival
9:00-9:40	6:50	7:40	11:40-12:20	7:30	8:20
9:40-10:20	7:00	7:50	12:20-13:00	7:40	8:30
10:20-11:00	7:10	8:00	13:00-14:20	7:50	8:40
11:00-11:40	7:20	8:10	14:20-	8:00	8:50

First bus back – 12:00



**Quarantine:** The quarantine closes in 09:00. All runners and coaches must be inside after that time.

**Pre-start:** The pre-start is placed on the edge of the quarantine and it is 12 minutes before the start time.

**Terrain description:**

**Long map- "Malyovitsa"**

<b>Terrain form</b>	Moderately hilly terrain between 1300 m and 1750m above sea level
<b>Vegetation</b>	Pine forest
<b>Runnability</b>	From very good to poor – (reduced by stony fields)
<b>Visibility</b>	Excellent to very low
<b>Paths and roads</b>	Some paths, tracks and roads



**Map:** Map: Scale 1:15000, contour interval 5m. Size of map 210mm x 290mm.

**Mapmakers – Vladimir Atanasov, Dian Bonev**

**Courses:**

Class	Winning time	Length	Climb	Controls	Refreshments	Maximum running time
<b>Men</b>	70 min	10,2 km	280	24	3	180 min
<b>Women</b>	55 min	7.2 km	210	16	2	180 min

**Course setter – Kiril Nikolov**

**Control description:**

Size of the loose control description: **Men - 50x175mm; Women - 50x127mm;**

**GPS:** There will be GPS tracking for 40 Men and 40 women. The harnesses for the chosen competitors will be given on the check in at the entrance of the quarantine. The GPS devices will be given on the pre-start.

**Traffic:** The courses cross a road, where traffic can appear. The municipality police and organisers will assist during the competition.

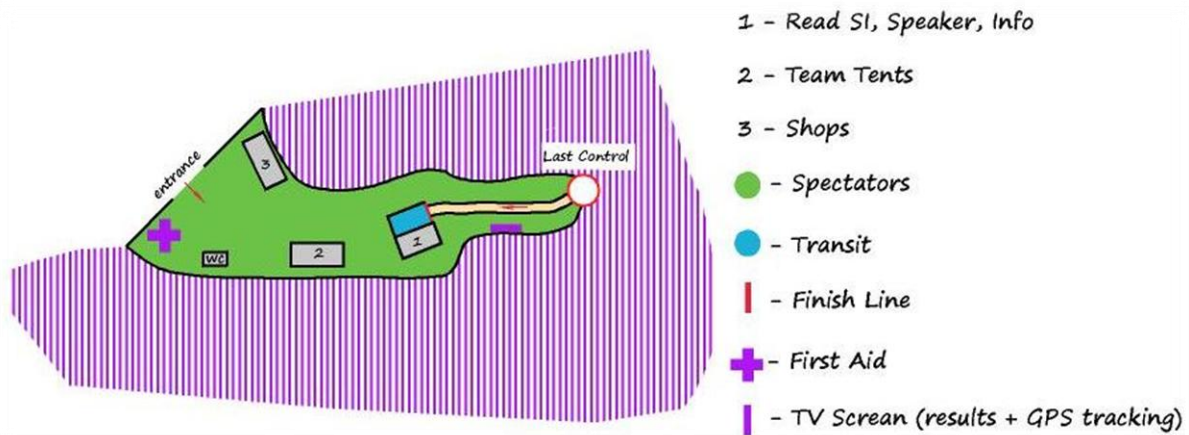
- ☑ **Special objects:** There are no green crosses given on the map.
- ☑ **Warm-up map** will be given at the check-in in the quarantine. Scale 1:15000 - relevant.
- ☑ The arena limits are not taped on the area, but they are easy for distinguish and clearly given on the arena plan. It is strictly forbidden for any team member to enter the competition terrain until the last JWOC competitor arrives at the finish.
- ☑ There is cool down area with map after finish.
- ☑ There is **arena passage** for both courses.
- ☑ There are controls in the terrain very close to each other, but in accordance with IOF rules.



## MIDDLE-Q

**Location:** Zheleznica

**Finish arena:** 42°30'30.19"N 23°20'8.26"E



**Start:** 10:00

**Start interval:** 2min.

**Transport:**

Start time	Departure	Arrival	Start time	Departure	Arrival
10:00-10:15	7:30	8:30	11:00-11:15	8:00	9:00
10:15-10:30	7:30	8:30	11:15-11:30	8:15	9:15
10:30-10:45	7:45	8:45	11:30-11:45	8:30	9:30
10:45-11:00	7:45	8:45	11:45-12:00	8:45	9:45
First bus back – 11:20					



**Quarantine:** The quarantine closes in 10:00. All runners and coaches must be inside after that time.

**Pre-start:** The pre-start is 4 minutes before the start time. It is placed on the edge of the warm up map which is part of the quarantine, but the warm up map is placed 1.5km away from the tents. Obligatory transport to the warm up map and the pre-start will be organized. It will be specified at the team leaders meeting.

**Terrain description:**

**Middle map – “Zheleznica – Q”**

<b>Terrain form</b>	Hilly terrain between 900m and 1000 m above sea level, terrain with many details. The using of magnifier is recommended.
<b>Vegetation</b>	Mixed forest
<b>Runnability</b>	Very good
<b>Visibility</b>	Mostly very good
<b>Paths and roads</b>	Average network of tracks and paths



**Map:** Map: Scale 1:10000, contour interval 5m. Size of map 210mm x 290mm.

**Mapmaker – Georgi Hadzhimitev**

**Courses:**

Class	Winning time	Length	Climb	Controls	Maximum running time
<b>Men 1</b>	<b>23</b>	<b>2.8 km</b>	<b>180</b>	<b>14</b>	<b>70 min</b>
<b>Men 2</b>	<b>23</b>	<b>2.7 km</b>	<b>180</b>	<b>14</b>	<b>70 min</b>
<b>Men 3</b>	<b>23</b>	<b>2.9 km</b>	<b>180</b>	<b>15</b>	<b>70 min</b>
<b>Women 1</b>	<b>23</b>	<b>2.3 km</b>	<b>170</b>	<b>12</b>	<b>70 min</b>
<b>Women 2</b>	<b>23</b>	<b>2.4 km</b>	<b>170</b>	<b>13</b>	<b>70 min</b>
<b>Women 3</b>	<b>23</b>	<b>2.4 km</b>	<b>170</b>	<b>12</b>	<b>70 min</b>

**Course setter – Kiril Nikolov**

**Control description:**

Size of the loose control description: **Men - 50x120mm; Women - 50x108mm;**

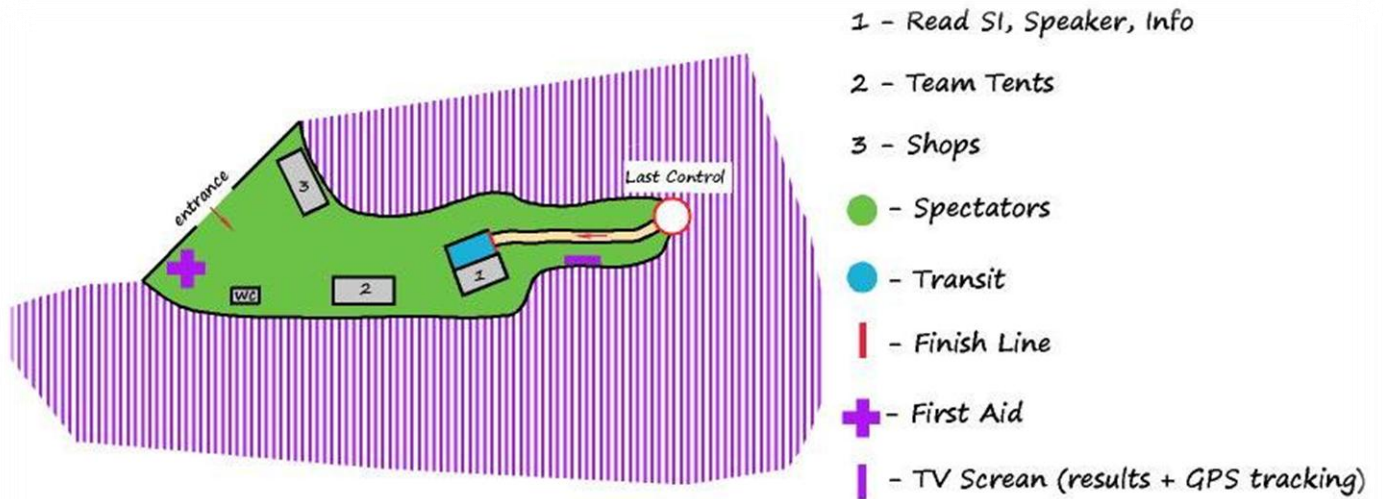
**GPS:** There will not be GPS-tracking;

- 📌 **Special objects:** There are no green crosses given on the map.
- 📌 **Warm-up map** will be given at the check-in in the quarantine. Scale 1:10000 - relevant.
- 📌 The arena limits are not taped on the area, but they are easy for distinguish and clearly given on the arena plan. It is strictly forbidden for any team member to enter the competition terrain until the last JWOC competitor arrives at the finish.
- 📌 There are controls in the terrain very close to each other, but in accordance with IOF rules.

## MIDDLE-F

**Location:** Zheleznica

**Finish arena:** 42°30'30.19"N 23°20'8.26"E



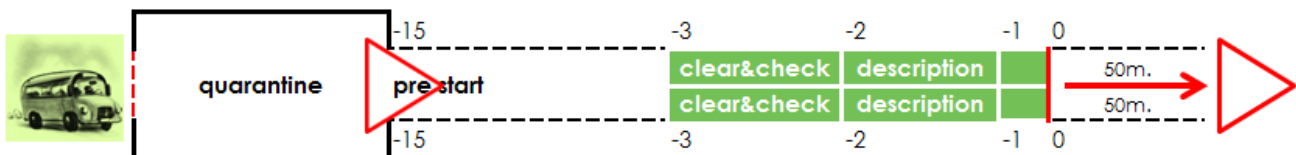
**Start:** 10:00 A – final; 12:10 B – final; 13:10 – C – final

**Start interval:** A-final - 2min; B-final – 1min; C-final – 1min;

**Transport:**

Start time	Departure	Arrival	Start time	Departure	Arrival
10:00-10:40	7:30	8:30	12:30-12:50	8:30	9:30
10:40-11:20	7:45	8:45	12:50-13:10	8:45	9:45
11:20-12:00	8:00	9:00	13:10-13:30	9:00	10:00
12:00-12:30	8:15	9:15	13:30-	9:00	10:00

**First bus back – 11:30**



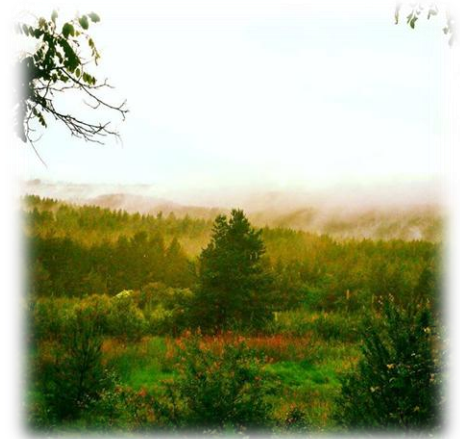
**Quarantine:** The quarantine closes in 10:00. All runners from A-final and coaches must be inside after that time. There is no quarantine for B final and C final.

**Pre-start:** The pre-start is placed on the edge of the warm up map which is part of the quarantine. It is 15 minutes before the start time.

**Terrain description:**

**Middle map – “Zheleznica – F”**

<b>Terrain form</b>	Hilly terrain between 900m and 1000 m above sea level, terrain with many details. The using of magnifier is recommended.
<b>Vegetation</b>	Mixed forest
<b>Runnability</b>	Very good
<b>Visibility</b>	Mostly very good
<b>Paths and roads</b>	Average network of tracks and paths



**Map:** Map: Scale 1:10000, contour interval 5m. Size of map 210mm x 290mm.

**Mapmaker – Georgi Hadzhimitev**

**Courses:**

Class	Winning time	Length	Climb	Controls	Maximum running time
Men A	25	3.8 km	220	16	70 min
Women A	25	3.0 km	130	15	70 min
Men B	25	2.9 km	180	15	70 min
Women B	25	2.3 km	110	14	70 min
Men C	25	2.4 km	160	14	70 min
Women C	25	2.4 km	100	13	70 min

**Course setter – Kiril Nikolov**

**Control description:**

Size of the loose control description: **Men - 50x132mm; Women - 50x125mm;**

**GPS:** There will be GPS tracking for last 40 Men and last 40 women. The harnesses for the chosen competitors will be given on the check in point at the entrance of the quarantine. The GPS devices will be given on the pre-start.

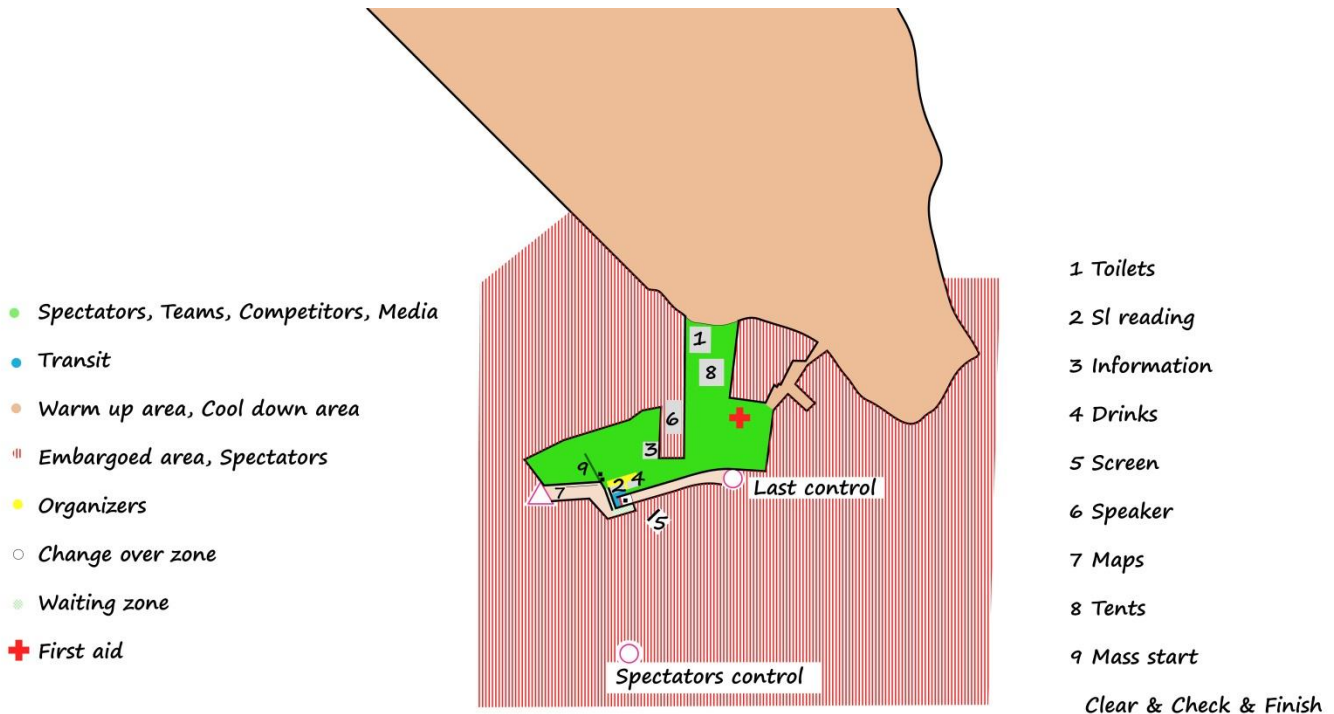
- 📌 **Special objects:** There are no green crosses given on the map.
- 📌 **Warm-up map** will be given at the check-in in the quarantine. Scale 1:10000 - relevant.
- 📌 The arena limits are not taped on the area, but they are easy for distinguish and clearly given on the arena plan. It is strictly forbidden for any team member to enter the competition terrain until the last JWOC competitor arrives at the finish.
- 📌 There are controls in the terrain very close to each other, but in accordance with IOF rules.



## RELAY

**Location:** Borovets

**Finish arena:** 42°15'49.65"N 23°36'23.36"E



**Start:** 10:00 Women; 10:15 Men

**Quarantine:** There will be no quarantine on Relay competition,

**Terrain description:**

### Relay map – “Borovets”

<b>Terrain form</b>	Moderately hilly terrain in the nearest forest to Borovets resort; About 1300 meters above sea level
<b>Vegetation</b>	Pine forest
<b>Runnability</b>	From good to very good
<b>Visibility</b>	Mostly very good
<b>Paths and roads</b>	Very good network of alpine ski and cross-country ski tracks and paths.



**Map:** Map: Scale 1:10000, contour interval 5m. Size of map 210mm x 290mm.

**Mapmaker – Valentin Garkov**

**Courses:**

Class	Winning time	Length	Climb	Controls	Maximum running time
Men – leg 1	33	4.6-4.8 km	210	19	70 min
Men – leg 2	33	4.6-4.8 km	210	19	70 min
Men – leg 3	33	4.7-4.9 km	220	20	70 min
Women – leg 1	33	3.8-4.1 km	140	17	70 min
Women – leg 2	33	3.8-4.1 km	140	17	70 min
Women – leg 3	33	3.9-4.2 km	150	18	70 min
<i>Course setter – Petar Doganov</i>					

**GPS:** There will be GPS tracking for Men – 3-rd leg. The harnesses and GPS devices will be given on the start.

- 📌 **Special objects:** There are no green crosses given on the map.
- 📌 **Warm-up map** – There will not be warm up map.
- 📌 The arena limits are not taped on the area, but they are easy for distinguish and clearly given on the arena plan. It is strictly forbidden for any team member to enter the competition terrain until the last JWOC competitor arrives at the finish.
- 📌 There are controls in the terrain very close to each other, but in accordance with IOF rules.

## JWOC Tour

4-starts competition for SALOMON JWOC Tour will be organized in conjunction with JWOC 2014 on the same maps as JWOC. There will be 2 open classes which can be entered at every stage. You can find more information in JWOC Tour bulletin on [www.jwoc2014.org](http://www.jwoc2014.org)





































Date	Event
23 July	Middle distance
24 July	Sightseeing / Rest
25 July	Middle distance
26 July	Middle distance
27 July	Middle distance

**Classes:**

**Men:** 12, 14, 16, 18, 21E, 21A, 35, 40, 45, 50, 55, 60, 65, 70;  
**Women:** 12, 14, 16, 18, 21E, 21A, 35, 40, 45, 50, 55, 60, 65;  
**+ Open 1 – long, Open 2 – short**



## Entries

	Country		Men	Women	Officials	Total	Relay M	Relay W
1	Australia		6	6	2	14	2	2
2	Austria		6	4	3	13	2	1
3	Azerbaijan		1	1	3	5		
4	Belgium		4	1	2	7	1	
5	Brazil		2	1	2	5		
6	Bulgaria		6	6	2	13	2	2
7	Canada		5	2	1	8	2	
8	Croatia		1	1	1	3		
9	Czech republic		6	6	4	16	2	2
10	Denmark		6	6	4	16	2	2
11	Estonia		3	4	1	8	1	1
12	Finland		6	6	2	14	2	2
13	France		6	5	3	14	2	1
14	Germany		3	3	2	8	1	1
15	Great Britain		6	6	4	16	2	2
16	Hong Kong		3	1	3	7	1	
17	Hungary		4	4	2	10	1	1
18	Ireland		3		1	4		
19	Israel		1			1		
20	Italy		4	4	1	9	1	1
21	Japan		6	4	2	12	2	1
22	Latvia		4	3	2	9	1	1
23	Lithuania		6	4	2	12	2	1
24	New Zealand		6	6	2	14	2	2
25	Norway		6	6	3	15	2	2
26	Poland		4	4	1	9	1	1
27	Portugal		2	2	1	5	1	
28	Russia		6	6	3	15	2	2
29	Slovakia		3	3	1	7	1	1
30	South Africa		1			1		
31	Spain		4	4	1	9	1	1
32	Sweden		6	6	4	16	2	2
33	Switzerland		6	6	4	16	2	2
34	Turkey		3	3	2	8	1	1
35	Ukraine		5	4	2	11	2	1
36	USA		6	6	3	15	2	2
	<b>TOTAL</b>		<b>156</b>	<b>134</b>	<b>76</b>	<b>366</b>	<b>48</b>	<b>38</b>



## Support



Българска  
Федерация  
Ориентиране



Министерство на младежта  
и спорта