



BULLETIN 2

SALOMON JWOC TOUR

23-27 July 2014

Borovets –Bulgaria

Organizers

Event director	Ventsislav Venev
Course planner	Vladimir Atanasov
Maps	Vladimir Atanasov, Dian Bonev, Georgi Hadzhimitev, Valentin Garkov
Arenas	Marin Markov
Start	Iovcho Dochev
Secretary	Petya Koseva
Sport ident	Konstantin Koynov, Yana Sandieva

Programme

22st July (Tuesday)		
09:00 – 21:00	Event office – open	Event centre
10:00 – 13:30	Sprint - JWOC	Samokov
23st July (Wednesday)		
	MIDDLE	
09:00 – 16:30	Long - JWOC	Malyovitsa
17:00	First start - JWOC – tour 1	Malyovitsa
24st July (Thursday)		
19:00	Rest day	
25st July (Friday)		
	MIDDLE	
10:00 – 12:30	Middle – Q – JWOC	Zheleznica
13:00	First start – JWOC – tour 2	
26st July (Saturday)		
	MIDDLE	
10:00 – 14:00	Middle – F – JWOC	Zheleznica
14:30	First start – JWOC – tour 3	Zheleznica
27st July (Sunday)		
	MIDDLE	
10:00 – 13:00	Relay - JWOC	Borovets
14:00	First start – JWOC – tour 4	Borovets
17:00	Prize giving ceremony	Borovets

Event centre

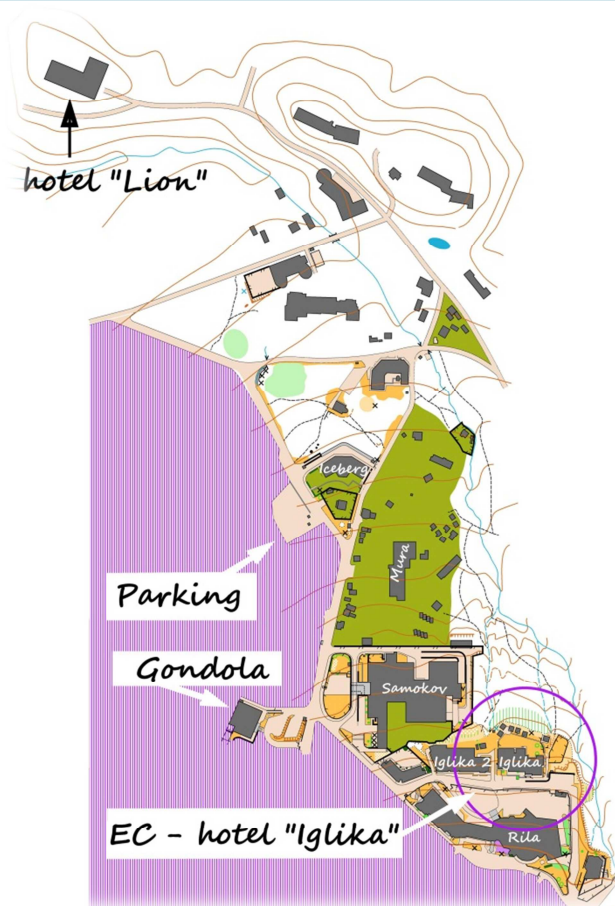
Iglik hotel - Borovets

42°15'57.22"N 23°36'27.22"E

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

www.hoteliglikapalace.com/en/

The event office will be located in the Event centre.



Registration

Registration will take place at the Event office in Event centre or on the arenas in the respective day.

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

Weather

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>

Punching system and time keeping

The Sport ident punching system will be used. All competitors without own SI card will be given SI cards from the organisers at the accreditation for deposit of 100EUR. After the relay event, the team leaders must return all the SI-cards together to the Event office staff in the Event centre and the deposit will be returned. 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.

Start

The start for all days will be with start station

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 and toilets

Simple washing facilities (just tank and water – no showers) and toilets are available in the arenas.

Late star

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.

Abandoning a race

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

Maps and control descriptions

All the maps are prepared according to the IOF standards (ISOM2000). All competition maps are waterproof, sealed in plastic.

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.

1-st day – MIDDLE

- 📌 **Location:** Malyovitsa
- 📌 **Finish arena:** 42°13'37.12"N 23°23'39.17"E
- 📌 **Start:** 17:00
- 📌 **Distance Finish-Start:** 1500m.
- 📌 **Start interval:** 2min.
- 📌 **Terrain description:**

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



 **Map:** Map: Scale 1:10000, contour interval 5m. Size of the map – A4.

Mapmakers – Vladimir Atanasov, Dian Bonev

 **Traffic:** The courses cross a road. The municipality police and organisers will assist during the competition.

 **Courses:**

Stage 1

Class MEN	Length	Controls	Climb	Class WOMEN	Length	Controls	Climb
12	1,5km	6	20m	12	1,5km	6	20m
14	2,1km	8	45m	14	2,1km	8	45m
16	3,8km	10	90m	16	3,4km	10	65m
18	4,5km	10	100m	18	3,4km	9	90m
21E	5,2km	11	125m	21E	4,5km	10	100m
21A	3,4km	9	90m	21A	3,8km	10	90m
35	4,5km	10	100m	35	3,9km	10	85m
40	3,9km	10	85m	40	3,3km	9	60m
45	3,8km	10	90m	45	3,3km	9	60m
50	3,3km	9	60m	50	3,4km	10	65m
55	3,4km	10	65m	55	2,8km	8	55m
60	2,8km	8	55m	60	2,1km	8	45m
65	2,8km	8	55m	65	1,5km	6	20m
70	2,1km	8	45m				
O1 - Long				O2 - Short			
	2,8km	8	55m		2,1km	8	45m

2-nd day – MIDDLE

 **Location:** Zheleznica

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

 **Start:** 13:00

 **Distance Finish-Start:** 1200m.

 **Start interval:** 2min.

 **Terrain description:**

Map – “Zheleznica – Q”

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



 **Map:** Map: Scale 1:10000, contour interval 5m. Size of the map - A4.

Mapmaker – Georgi Hadzhimitev

 **Courses:**

Stage 2

Class MEN	Length	Controls	Climb	Class WOMEN	Length	Controls	Climb
12	1,1km	6	60m	12	1,1km	6	60m
14	1,5km	9	75m	14	1,4km	8	70m
16	2,9km	11	150m	16	2,5km	12	125m
18	3,3km	12	170m	18	3,1km	13	160m
21E	3,5km	16	180m	21E	3,3km	12	170m
21A	3,1km	13	160m	21A	2,9km	11	150m
35	3,3km	12	170m	35	3,1km	13	145m
40	3,1km	13	145m	40	2,8km	13	140m
45	2,9km	11	150m	45	2,8km	13	140m
50	2,8km	13	140m	50	2,5km	12	125m
55	2,5km	12	125m	55	2,1km	10	95m
60	2,1km	10	95m	60	1,4km	8	70m
65	2,1km	10	95m	65	1,1km	6	60m
70	1,5km	9	75m				
O1 - Long	2,1km	10	95m	O2 - Short	1,5km	9	75m

3-rd day – MIDDLE

 **Location:** Zheleznica

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

 **Start:** 14:30

 **Distance Finish-Start:** 200m.

 **Start interval:** 2min

 **Terrain description:**

Map– “Zheleznica – F”

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



 **Map:** Map: Scale 1:10000, contour interval 5m. Size of the map – A4

Mapmaker – Georgi Hadzhimitev

 **Courses:**

Stage 3

Class MEN	Length	Controls	Climb	Class WOMEN	Length	Controls	Climb
12	1,5km	7	45m	12	1,5km	7	45m
14	1,8km	9	70m	14	1,7km	8	50m
16	3,1km	13	115m	16	2,6km	11	95m
18	3,7km	15	150m	18	2,9km	13	115m
21E	4,0km	15	185m	21E	3,7km	15	150m
21A	3,1km	13	115m	21A	2,9km	13	115m
35	3,7km	15	150m	35	3,3km	13	145m
40	3,3km	13	145m	40	2,9km	12	110m
45	3,1km	13	115m	45	2,9km	12	110m
50	2,9km	12	110m	50	2,6km	11	95m
55	2,6km	11	95m	55	2,6km	10	90m
60	2,6km	10	90m	60	1,7km	8	50m
65	2,6km	10	90m	65	1,5km	7	45m
70	1,8km	9	70m				
O1 - Long	2,6km	10	90m	O2 - Short	1,7km	8	50m

4-th day - MIDDLE

 **Location:** Borovets

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

 **Start:** 14:00

 **Distance Finish-Start:** 0m.

 **Terrain description:**

Map – “Borovets”

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



 **Map:** Map: Scale 1:10000, contour interval 5m. Size of the map – A4

Mapmaker – Valentin Garkov

 **Courses:**

Stage 4

Class MEN	Length	Controls	Climb	Class WOMEN	Length	Controls	Climb
12	1,7km	8	45m	12	1,7km	8	45m
14	2,5km	11	95m	14	2,1km	8	90m
16	3,5km	15	110m	16	3,3km	12	100m
18	4,6km	17	185m	18	4,1km	13	170m
21E	4,8km	18	200m	21E	4,6km	17	185m
21A	4,1km	13	170m	21A	3,5km	15	110m
35	4,6km	17	185m	35	4,3km	16	135m
40	4,3km	16	135m	40	3,2km	12	100m
45	3,5km	15	110m	45	3,2km	12	100m
50	3,2km	12	100m	50	3,3km	12	100m
55	3,3km	12	100m	55	3,1km	11	75m
60	3,1km	11	75m	60	2,1km	8	90m
65	3,1km	11	75m	65	1,7km	8	45m
70							
O1 - Long	3,1km	11	75m	O2 - Short	2,1km	8	90m

Support



