

BULLETIN 4

WMTBOC & JWMTBOC – 2024

9-15 September – Shumen – BULGARIA



World MTB Orienteering Championships
Junior World MTB Orienteering Championships
MTB Orienteering World Cup – Round 3



BULGARIAN
ORIENTEERING
FEDERATION



BULLETIN 4

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VENUE – Shumen



The city of Shumen is located in North-East Bulgaria. It is the administrative centre of Shumen district. The town lies 80 km west of Varna and is built within a cluster of hills, northern outliers of the eastern Balkans. Shumen boasts the Monument to 1300 Years of Bulgaria – monument to depict the history of a whole country from its creation to the present day.

→ EVENT CENTRE – Grand Hotel SHUMEN – 43.270875, 26.914283

Contacts:

- E-mail: bikeocup@gmail.com
- Phone: +359 887 568 353 – Ilian Todorov
- Web page: www.wmtboc2024.eu

The opening hours of event office:

Monday	9/9/2024	9:00 – 18:00	/
Tuesday	10/9/2024	8:00 – 9:00	/ 18:00 – 20:00
Wednesday	11/9/2024	8:00 – 9:00	/ 17:00 – 20:00
Thursday	12/9/2024	8:00 – 9:00	/ 17:00 – 20:00
Friday	13/9/2024	10:00 – 12:00	/ 17:00 – 20:00
Saturday	14/9/2024	8:00 – 9:00	/ 17:00 – 20:00
Sunday	15/9/2024	8:00 – 9:00	/ 16:00 – 17:00

→ During the competitions, the event office is at the arena.

BULLETIN 4

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The World Mountain Bike Orienteering Championships are organised under the authority of the International Orienteering Federation (IOF) www.orienteering.sport

ORGANISERS

- BULGARIAN ORIENTEERING FEDERATION
- ORIENTEERING CLUB “NSA-SIVEN”

In cooperation with:

- MINISTRY OF YOUTH AND SPORT
- ORIENTEERING CLUB “MADARSKI KONNIK”
- SHUMEN MUNICIPALITY
- KASPITCHAN MUNICIPALITY
- TOWN OF PLISKA
- SIVEN



Ministry of
Youth and Sports



ORGANISING COMMITTEE

Mayor of Shumen

Mayor of Kaspichan

Mayor of Pliska

President of Bulgarian Orienteering Federation

Hristo Hristov

Zlatin Tsenkov

Desislava Dragomirova

Krasimir Danailov

ORGANISERS

Management Event director

Technical Event director

Event secretary

Results

GPS – tracking

Vencyslav Venev

Todor Pedev

Ilian Todorov

Milen Marinov

Viktor Tsenkov

CONTROLLERS

IOF Senior Event Adviser

National Controller

Nermin Fenmen (GBR)

Vladimir Atanasov

BULLETIN 4

WMTBOC & JWMTBOC – 2024

9-15 September – Shumen – BULGARIA



PROGRAMME

Monday	9.9.2024	
9:00 – 18:00		Event Office open – accreditation
13:30 – 16:30		Technical Model (EC)
10:00 – 16:00		Sprint Model (Madara) 43.274168 , 27.098306
10:00 – 18:00		Forest Model (Madara) 43.276942 , 27.116753
12:00		Competition entry deadline (final name entries) – Sprint
18:00 – 19:00		Team officials' meeting (EC)
Tuesday	10.9.2024	
8:00 – 9:00		Event Office open
11:00 – 14:00		Sprint (Arena Pliska) 43.362137 , 27.124863
12:00		Competition entry deadline (final name entries) – Mass start
17:00 – 18:00		Opening ceremony & Prize-giving (Arena Shumen) 43.278965 , 26.925315
18:00 – 20:00		Event Office open
18:30 – 19:30		Team officials' meeting (EC)
Wednesday	11.9.2024	
8:00 – 9:00		Event Office open
10:00 – 14:00		Mass start (Arena Fortress) 43.261634 , 26.890747
12:00		Competition entry deadline (final name entries) – Middle distance
17:30		Prize-giving ceremony (Arena Shumen) 43.278965 , 26.925315
17:00 – 20:00		Event Office open
18:00 – 19:00		Team officials' meeting (EC)
Thursday	12.9.2024	
8:00 – 9:00		Event Office open
10:00 – 14:00		Middle distance (Arena Fortress) 43.261634 , 26.890747
17:00 – 20:00		Event Office open
17:30 – 18:30		Prize-giving ceremony (Arena Shumen) 43.278965 , 26.925315
Friday	13.9.2024	CULTURE DAY
10:00 – 12:00		Event Office Open
12:00		Competition entry deadline (final name entries) – Long distance
17:00		Open Meeting / MTBO Forum by the MTBO Commission (EC)
17:00 – 20:00		Event Office open
18:00 – 19:00		Team officials' meeting (EC)
Saturday	14.9.2024	
8:00 – 9:00		Event Office open
9:30 – 15:30		Long distance (Arena Monument) 43.261730 , 26.922898
16:00		Competition entry deadline (final name entries) – Relay
18:00		Prize-giving ceremony (Arena Shumen) 43.278965 , 26.925315
17:00 – 20:00		Event Office open
18:30 – 19:30		Team officials' meeting (EC)
Sunday	15.9.2024	
8:00 – 9:00		Event Office open
10:00 – 14:00		Relay (Arena Monument) 43.261730 , 26.922898
17:00 – 18:00		Prize-giving and Closing ceremony (Arena Shumen) 43.278965 , 26.925315
17:00 – 20:00		Event Office open
19:30 – 23:00		Banquet (Restaurant Manastira) 43.273533 , 26.929561



CLASSES AND PARTICIPATION

→ World MTB Orienteering Championships

There is one class for women (Women) and one for men (Men). There are no age restrictions.

Each Federation may enter up to 6 women and 6 men for all individual competitions plus the current World Champions for the distance. In the Mass start, Middle distance and Sprint each Federation may enter up to a further 2 women and 2 men who qualify for the Women U23 and Men U23 classes respectively. No U23 classes are offered in the Long distance.

Each competitor must have a valid IOF Athlete Licence.

→ Junior World MTB Orienteering Championships

There is one class for women (W20) and one for men (M20). Only competitors who are entitled to compete in the classes W20 or M20 may participate.

For all individual competitions, each Federation may enter up to 6 women and 6 men.

→ WMTBOC & JWMTBOC

In the Relay, each Federation may enter up to 2 women's teams and 2 men's teams, each consisting of 3 team members.

All competitors represent a Federation. Each Federation may enter a team of an unlimited number of competitors and team officials.

All competitors must be citizens of the country of the Federation they are representing.

Competitors participate at their own risk. Third party insurance and personal injury insurance is mandatory and shall be the responsibility of their Federation or themselves.

ENTRIES

All entries must be made via IOF Eventor:

WMTBOC: <https://eventor.orienteering.org/Events/Show/6983>

JWMTBOC: <https://eventor.orienteering.org/Events/Show/6984>

Late entries and withdrawals:

After 1st September 2024

- entries will be accepted with a surcharge of 50 %
- withdrawals will receive a refund of 50 %

After 7th September 2024 no entries will be accepted.

BULLETIN 4

WMTBOC & JWMTBOC – 2024

9-15 September – Shumen – BULGARIA



STARTING GROUPS

World MTB Orienteering Championships

There are four starting groups that remain the same for all individual races. They are based on the World Ranking list as published ten days before the event.

Sprint, Middle and Long distance:

Starting group 1 starts first, followed by starting group 2, 3 and at the end starting group 4.

Mass start competition:

The starting group determines the order of competitors in the start rows. Reigning World Champions are always given the first start position, irrespective of their World Ranking.

Men	Rank	Name	Fed.	Women	Rank	Name	Fed.
Group 4				Group 4			
	1	Vojtech Ludvik	CZE		1	Nikoline Splittorff	DEN
	2	Andre Haga	FIN		4	Martina Tichovska	CZE
	3	Krystof Bogar	CZE		5	Gabriele Andrasuniene	LTU
	5	Fabiano Bettega	ITA		6	Ruska Saarela	FIN
	6	Andreas Waldmann	AUT		8	Ingrid Stengard	FIN
	7	Vojtech Stransky	CZE		9	Caecilie Christoffersen	DEN
	8	Samuel Pokala	FIN		10	Constance Devillers	FRA
	9	Jonas Maiselis	LTU		12	Camilla Soegaard	DEN
	10	Lauri Malsroos	EST		13	Valerie Kamererova	CZE
	11	Ignas Ambrasas	LTU		14	Ursina Jaeggi	SUI
	12	Jiri Hradil	CZE		15	Gabriella Gustafsson	SWE
	13	Jeremi Purre	FRA		15	Antonia Haga	FIN
	14	Martin Kanta	CZE				
	15	Teemu Kaksonen	FIN				

Men	Rank	Name	Fed.	Women	Rank	Name	Fed.
Group 3				Group 3			
	17	Jussi Laurila	FIN		17	Celine Wellenreiter	SUI
	18	Jan Hasek	CZE		18	Saara YliHietanen	FIN
	19	Miika Nurmi	FIN		19	Rozalie Kucharova	CZE
	21	Silas Hotz	SUI		21	Lou Garcin	FRA
	22	Tomi Nykanen	FIN		22	Algirda Mickuviene	LTU
	23	Luca Dallavalle	ITA		24	Laurane Meyers	FRA
	24	Adrian Jaeggi	SUI		28	Tilda Palm	SWE
	26	Noah Rieder	SUI		29	Karin Gustafsson	SWE
	27	Bartosz Niebielski	POL				
	28	Jonas Vytautas Gvildys	LTU				
	29	Morten Oernhagen	DEN				

BULLETIN 4

WMTBOC & JWMTBOC – 2024

9-15 September – Shumen – BULGARIA



Men	Rank	Name	Fed.	Women	Rank	Name	Fed.
Group 2				Group 2			
	31	Armel Berthaud	FRA		31	Jana Hnilica	AU 5
	33	Rasmus Nordgren	SWE		34	Lucie Nedomelelova	CZE
	34	Riccardo Rossetto	ITA		35	Vendula Musilova	CZE
	36	Georg Koffler	AUT		36	Elena Yllan Ortiz	ESP
	37	Oliver Friis	DEN		40	Anke Dannowski	GER
	38	Joao Ferreira	POR		41	Lou Colle	FRA
	39	Flurin Schnyder	SUI		42	Bianka Tamas	HUN
	40	Paul Debray	FRA		43	Jana Luscher	SUI
	40	Pierre Martinez	FRA			Alemanya	
	42	Matej Muller	SVK		44	Anna Kaminska	POL
	43	Daniel Marques	POR				
	45	Martin Illig	AUT				
Group 1				Group 1			
		Will Whittington	AUS			Silvia Shandurkova	BUL
		Bernhard Kogler	AUT			Kosara Boteva	BUL
		Tobias Breitschaedel	AUT			Teodora Tabakova	BUL
		Hristo Pelov	BUL			Hristina Kozareva	BUL
		Petar Popunkyov	BUL			Ewa Haltof	CZE
		Stanimir Belomazhev	BUL			Siiri Rasimus	FIN
		Kamen Ivanov	BUL			Amiri Orui	JAP
		Ivaylo Hristov	BUL			Naoko Kano	JAP
		Jan Vacek	CZE			Anna Tkaczuk	POL
		Noah Tristan Hoffmann	DEN			Miren Arina Andueza	ESP
		Mihkel Mahla	EST			Maria del Mar Delgado G.	ESP
		Sander Pritsik	EST			Cecilia Thomasson	SWE
		Mark Huster	GER			Ella Palm	SWE
		Tsach Nahari	ISR			Nataliia Pustova	UKR
		Antonio Mariani	ITA				
		Mikiro Kuroda	JAP				
		Masahiro Shimaoka	JAP				
		Ryo Abe	JAP				
		Kazushige Hatori	JAP				
		Tetsuki Kaji	JAP				
		Hubert Kielak	POL				
		Grzegorz Nowak	POL				
		Damian Hyla	POL				
		Enrique Chousa Esteban	ESP				
		Juan Sanz	ESP				
		Sverre Rojgard	SWE				
		Yevhen Hrudetskiy	UKR				
		Oleksandr Oryshko	UKR				
		Nikolay Nachev	USA				



Junior World MTB Orienteering Championships

Sprint, Middle and Long distance:

There are three starting groups that are based on the allocation made by the federations. Team officials must allocate their competitors to these three starting groups with a maximum of two competitors to each group. Before allocating a second competitor to a group, one competitor must be allocated to each group.

Mass start competition:

The order of competitors in the start rows is determined by the results of the Mass start competition at the JWMTBOC 2023. The order of remaining participants is drawn at random.

ACCOMMODATION

Most competitors will be accommodated at the Event Centre – Grand Hotel SHUMEN.



BIKE STORAGE

Locked bike storage will be arranged at accommodation in Grand Hotel SHUMEN.

There will be no bike storage in the arenas. Please pay special attention to your bikes, watch them and use locks! The organisers take no responsibility for any loss.

BIKE WASHING

Bike washing will be possible in the race arenas except for the Sprint race.



CATERING

It is possible to order lunch at the arena for the all races except sprint. Teams who wish to have a lunch must book it at their accreditation. The price is € 10 per lunch.

TRANSPORT

The closest international airport is VARNA Airport – 80 km / 1 hour driving.

Other international airports with good location are:

BURGAS airport – 120 km / 2 hours driving

PLOVDIV airport – 350 km / 4 hours driving

SOFIA airport and – 350 km / 4 hours driving

BUCUREST airport – 180 km / 3 hours driving

Common rental services operate on those airports.

Shumen is connected by trains and has also connection by bus. Bikes can be taken on trains.

Shumen railway station and Shumen bus station are located less than 3 km from the EC.

Top Rent A Car company is the official partner of Bulgarian Orienteering Federation. When hiring a car you get a discount of 5 %. Please use the promo code bgof5 or click on this link:

<https://toprentacar.bg/?partner=bg-of&code=bgof5>

NEW CARS FOR RENT

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2023

TOP RENT-A-CAR

№1 IN BULGARIA
CAR RENTAL COMPANY*
*by market share acc. to Euromonitor Int., 2021

★★★★★
95% RATING 



VISA REQUIREMENTS AND TRAVEL DOCUMENTS

Please check the following links with a list of all countries that need VISA to enter Bulgaria and information:

[LIST OF COUNTRIES](#)

[GENERAL INFORMATION](#)

CLIMATE

You can expect very pleasant temperatures during the day in September. The average maximum daytime temperature in Shumen in September lies at 24.6°C. The average minimum temperature goes down to around 13.2°C (often the minimum temperature is noted at night). Rainfall during September is moderate with an average of 56 mm. There are generally around 4 rainy days. September is known as one of the best months to visit Shumen.

COMPETITION RULES

All competitions will be organised in accordance with the latest version of Competition Rules of IOF MTB orienteering events and Special Rules MTBO World Cup. Please visit:

<https://orienteering.sport/mtbo/competition-rules/>

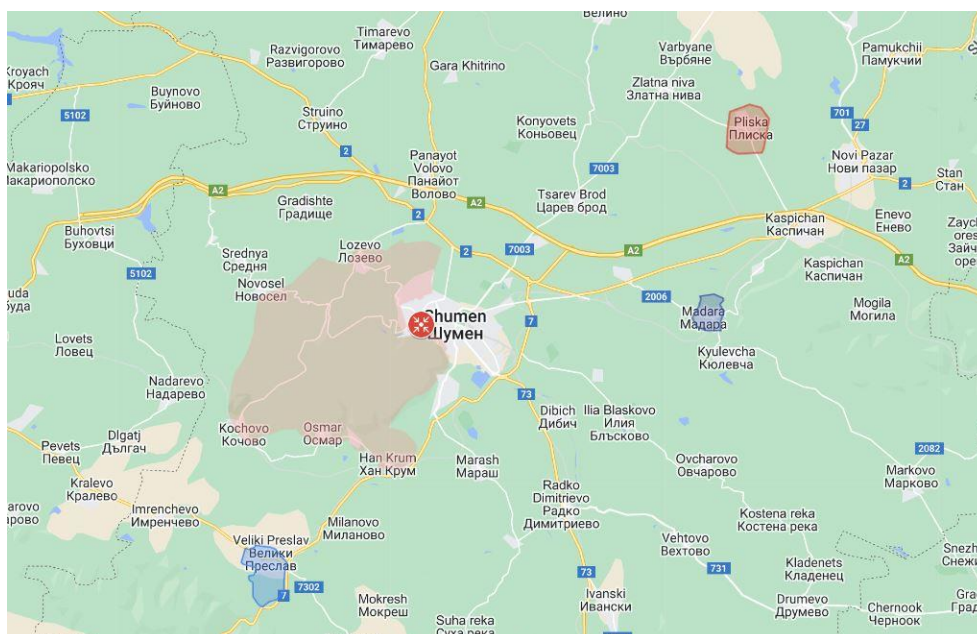
- Off-track riding will be allowed during all races. There may be controls which are not situated on paths and tracks. They will be set so as not to require control descriptions.

EMBARGOED AREAS

The embargoed areas are out of bounds for all potential participants and team members, including competitors, team leaders, coaches, and any other person who through their knowledge of the terrain may influence the result of the competitions.

Exception: Passing through the embargoed areas is allowed on public roads by vehicle.

LINK of the embargoed areas





PREVIOUS MAP OF THE EMBARGOED AREAS

LINK to the previous map of the embargoed area

PUBLIC RACE

Public races will be offered starting after the competitions of WMTBOC and JWMTBOC on certain days (after the Mass start – 11.09 and after the Middle distance – 12.09). Detailed information is given on the organiser's website: www.wmtboc2024.eu

ANTIDOPING

Doping is strictly forbidden, and the organisers of the WMTBOC and JWMTBOC 2024 are dedicated to support the Anti-Doping authorities in their work. Doping controls may be carried out any time during the competition period in accordance with the procedures described in the WADA International Standard of testing. The IOF Anti-Doping Rules and the World Anti-Doping Code apply. Athletes who are selected for doping control must bring an official identification (with photo) to the doping test area. The athlete should also bring along their therapeutic use exemption (TUE) if applicable. In general, it is advisable that athletes bring along their ID to all competitions and events.

For more information and anti-doping documents, please consult:
<https://orienteering.sport/iof/anti-doping/>

PUNCHING SYSTEM

SPORTident Air+ (system for contactless punching with SI Active Cards SIAC) with a working range of 150 – 180 cm will be used. Competitors may use their own SIAC.

It is recommended that competitors use a backup SIAC/a – second SIAC. If backup SIACs is rented by the organiser, these backup SIACs are configured as 'silent' SIACs, i.e. they do not have an acoustic signal. Competitors may use a second SIAC of their own which is configured according to their preferences. It is obligatory to wear both SIAC's on the same arm, and it is recommended not to have the SIAC's on the same arm as a GPS enabled watch.

Rental of SIACs will be possible for a price of 10 BGN per race. A deposit of 150 BGN per device will be charged.

Back-up: At each control there will be a primary SportIdent Air+ unit and a backup SportIdent unit configured for contact punching. If the primary unit fails or appears not to be working the competitor must punch the backup unit.

Please note: Using a backup/second SIAC does not mean that the punches from the primary SIAC and the backup SIAC will be merged to form the punching record by default! The data recorded in the backup SIAC will only be used when the main SIAC did not work properly, i.e. in the case of failure of the main SIAC during the race. The backup SIAC cannot be used to rank a competitor if they lost their main card.

Participants are advised to study the *Guidelines SPORTident AIR+ in MTBO*, which are available at <https://orienteering.sport/mtbo/internal/event-organising/organise-mtbo-events/>.



GPS TRACKING

In every race selected competitors will carry a GPS unit. It is mandatory to carry the GPS unit during the whole race. Competitors must carry the GPS unit on their back, either in their own cycling clothes or in a vest provided by the organiser. GPS units and vests will be distributed in the Quarantine/before start. The list of selected competitors will be published after the TOM.

QUARANTINE

Competitors must not use or carry devices that can transmit or receive information since entering the quarantine zone until reaching the finish of the race. This includes not only mobile phones, tablets and laptops, but also watches, cycle computers etc. which have communication ability. Personal electronic devices can be carried according to 21.11 Competition Rules of IOF MTB Orienteering Events. It will be randomly checked in quarantine, in case of breaking the rules the whole national team will be disqualified.

All competitors and team officials must report to the check-in point and be inside the start quarantine zone before the deadline. Information about the check-in deadlines is given in the details for each competition.

Up to the check-in deadline – when it is not yet compulsory to be inside – it is allowed to leave the quarantine zone via the check-in point, e.g. to go to the car park and back. Those doing so must re-enter the quarantine zone before the check-in deadline.

Competitors who are not in the start quarantine by the relevant time deadline will not be allowed to participate in the race.

Everybody is allowed to leave the start quarantine anytime, but no one is allowed to return back before the quarantine ends.

COMPLAINTS AND PROTESTS

Complaints may only be made by accredited team officials or competitors about infringements of the rules or the organiser's directions. A complaint must be made in writing on the IOF complaint and protest form, which is available from the event office in the finish arena. The form must be given to the Event Secretary at the arena as soon as possible after the incident or at the latest within 15 minutes of the publication of the full preliminary results for the class (this includes on-line results). Complaints received after this time limit will only be considered in case of valid exceptional circumstances, which must be explained in the complaint. There is no fee for a complaint.

A protest may be made against the organiser's decision about a complaint and may only be made by the team official or competitor who made the complaint. Any protest must be made in writing on the IOF complaint and protest form to the organiser no later than 15 minutes after the organiser has informed the complainant of the decision about the complaint. Protests received after this time limit may be considered at the discretion of the jury in case of valid exceptional circumstances which must be explained in the protest. A protest fee of 100 BGN or 50 EUR must be paid when making a protest. It is possible to pay the fee electronically directly to the IOF Office via the IOF website <https://orienteering.sport/iof/governance-and-organisation/iof-office/> (by credit card or via a PayPal account). The fee will be returned if the protest is accepted by the jury.



OPENING and CLOSING CEREMONY

The Opening ceremony will take place on Tuesday 10th of September at the Arena Shumen. The Closing ceremony will take place on Sunday 15th of September at the Arena Shumen. Teams are asked to arrive in their national uniforms 15 minutes earlier to line up.

FLOWER CEREMONY

Only a few minutes after the conclusion of the races except the Relay competition, there will be a flower ceremony for the best 3 in the class. Competitors who will be on the podium must be ready for the ceremony 5 minutes in advance.

PRIZE-GIVING CEREMONY

Time and place of the prize-giving ceremonies are indicated in the programme. The first six competitors in each class will be awarded. Competitors and teams who will be on the podium must be ready for the ceremony 5 minutes in advance.

CULTURAL DAY

On the rest day – Friday, 13th September – it is possible for teams to visit all the museums and houses of the Bulgarian national revival:

- "Srebrova house";
- "Doctor Verbi " – coffee on sand;
- house museum "Panaiot Volov";
- house museum "Dobri Voinikov"
- house museum "Layosh Koshut";
- museum complex "Pantcho Vladigerov";
- complex "Avsharyan".

A visit of Shumen fortress can also be organised.

JURY

- Jiri Vransky, CZE
- Ursula Häusermann, SUI (not for the Relay)
- Laura Scaravonati, ITA
- Reserve: Thomas Hnilica AUT (regular member for the Relay)



TEAM OFFICIALS' MEETINGS

Team Officials' meetings will be held at 18:00 or 18:30 on the day prior to the competition as given in the programme.

The meeting will take place at the Event Office.

The agenda will follow IOF rules, appendix 5.

Questions to the organisers may be asked in advance by email to: bikeocup@gmail.com.

Each federation is entitled to participate with up to two persons according to the rules.

After the meeting, the information from the meeting will be uploaded to the website <https://wmtboc2024.eu> and <https://eventor.orienteering.org/Events>.

Start number bibs, start lists, and other information will be handed out before or after the meeting at the Event office.

MAP DETAILS AND TERRAIN DESCRIPTION

All maps will be drawn according to the International Specification for Mountain Bike Orienteering Maps (latest version).

All maps will be printed on water-resistant paper.

Riding off-track is allowed.

START PROCEDURE FOR SPRINT, MIDDLE AND LONG DISTANCE

- 4 min.	Call up: the athlete's name is called. → SIAC number and start number are checked by a start official.
- 3 min.	→ Athlete clears SIAC(s): Punch CLEAR / insert SIAC(s) into the CLEAR station. → Athlete checks SIAC: Punch CHECK / insert SIAC(s) into the CHECK station = SIAC is activated, i.e. the AIR+ mode is switched on.
- 2 min.	→ Athlete tests if AIR+ mode is active: Hold SIAC over TEST station.
- 1 min.	→ Athlete takes the map (self-service). Athlete is responsible for taking the right map.

The point where orienteering begins (= start point) is shown by a start triangle (symbol 701) on the map and marked by a flag in the terrain. The route to the start point is marked and it is compulsory for the competitors to follow the marking all the way to the start point.

MODEL EVENTS

Sprint and Forest model:

Two neighbouring areas will be used for the model events – one for Sprint race and one for Forest races. Only flags (30x30 cm) will be put in the areas.

Teams will get maps in the Event centre together with accreditation.

SPRINT MODEL EVENT: 10:00 – 16:00 – Madara – GPS location – 43.274168, 27.098306

FOREST MODEL EVENT: 10:00 – 18:00 – Madara – GPS location – 43.276942, 27.116753

Technical model:

Examples of control site construction (flag, control code, SI station, reserve punching station) will be displayed at EC – Grand Hotel Shumen – 43.270875, 26.914283 from 13:30 to 16:30.

BULLETIN 4

WMTBOC & JWMTBOC – 2024

9-15 September – Shumen – BULGARIA



SPRINT

Arena: Pliska centre – 43.362137, 27.124863
Distance EC – arena: approx. 28 km (30 minutes by car). Please follow the compulsory route in Pliska (route will be shown at the team officials' meeting).
Start quarantine: 43.366174, 27.116936
Distance arena – start quarantine: approx. 1 km
Quarantine deadline: 10:45
First start: 11:00
Start interval: 2 min.

SPRINT	MEN	WOMEN	M20	W20
Length	10,8 km	9,3 km	9,2 km	8,3 km
Total climb	35 m	30 m	25 m	20 m
Controls	17	16	16	15
Winning times	20-25 minutes		16-20 minutes	
Maximum time	90 min.			
Map size	30 x 34 cm			

Sprint map	Sprint terrain	Map sample
Scale 1:5000 Contour interval 5 m	<ul style="list-style-type: none">• urban terrain• network of tracks with very good rideability• generally rather flat terrain	A small-scale topographic map sample showing a network of roads and tracks. The terrain is mostly green, indicating low elevation, with some grey buildings and structures scattered throughout. The roads are shown in brown and orange, and the tracks are shown in a lighter brown color.

Mapmaker and Course planner: Petar Doganov

Traffic: Traffic is reduced in some parts of the terrain, but there can be vehicles and pedestrians passing through the terrain. Police and officials will help in reducing the traffic. Pay additional attention.

Artificial barriers: Artificial barriers will be used. They are marked on the map with the purple symbol 708 (out of bounds boundary) and symbol 709 (out-of-bounds area) to clarify the situation. In the terrain, there is a metal fence and also one of the organisers dressed with the official event shirt will be standing near the fence. It will be demonstrated on the Model event.

Quarantine: Toilets, tents and water are available in the quarantine area. Riders' clothes and other personal belongings will be transported from the quarantine to the finish arena.

Pre-start: It is located at the edge of the quarantine. There will be a clock showing the start time. It is the responsibility of the competitors to watch for their start time.

Distance from time start to start point: 50 m

Finish arena: Toilets, tents and refreshment are available at the finish arena. Also food and drinks are available at the arena.

BULLETIN 4

WMTBOC & JWMTBOC – 2024

9-15 September – Shumen – BULGARIA



MASS START

Arena: Shumen fortress – 43.261634, 26.890747
Distance EC – arena: approx. 4 km
Parking: 43.261252, 26.889288 (next to the arena)
Mass start: MEN 10:00, WOMEN 10:10, M20 10:20, W20 10:30

MASS START	MEN	WOMEN	M20	W20
Length	30,8	27,5	27,0	21,4
Total climb	400	370	335	250
Controls	24	24	21	20
Map flip	1	0	1	0
Winning times	75-85 minutes		60-68 minutes	
Maximum time	180 min.			
Map size	A3			

Mass start map	Mass start terrain	Map sample
Scale 1:10 000 Contour interval 5 m	<ul style="list-style-type: none">• dense network of tracks with different levels of rideability• deciduous forest with usually good visibility, but some parts with low visibility• hilly in some parts	

Mapmakers: Petar Doganov, Valentin Garkov

Course planner: Milen Marinov

Traffic: During the course there may be routes crossing roads with minimum vehicle traffic. Some roads with minimal traffic may be used to ride along. Competitors must keep strictly to the right side of the road. Police and officials will help in reducing the traffic. Pay additional attention. Be careful when crossing roads!

Pre-start: Athletes prepare their SIAC(s): Clear, check and test. Testing is supervised by start staff to make sure that the punching cards of all athletes are in SI AIR+ mode. Competitors who were selected to carry a GPS unit must pick up their device.

Start: 10 minutes before the start, athletes are called forward to line up standing over their bikes in rows of 10.

All riders must be at their starting position 3 minutes before start. Maps will be provided 1-2 minutes before start and placed face down on the map holder. Signal will be given 15 seconds before start to turn over the maps. The bike must be stationary and riders must keep at least one foot on the ground until the start signal. A time penalty of two minutes will be given to those athletes who start too early or look at the map too early, i.e. such athletes will have two minutes added to their time and their finish position will be adjusted accordingly. The mass start will be recorded on video.

Finish arena Toilets, tents and refreshment are available at the finish arena.

BULLETIN 4

WMTBOC & JWMTBOC – 2024

9-15 September – Shumen – BULGARIA



MIDDLE DISTANCE

Arena: Shumen fortress – 43.261634, 26.890747
Distance EC – arena: approx. 4 km
Start quarantine: 43.261252, 26.889288 (next to the arena)
Quarantine deadline: 9:50
First start: 10:00
Start interval: 2 min.

MIDDLE DISTANCE	MEN	WOMEN	M20	W20
Length	19,1	14,2	14,7	11,2
Total climb	120	100	100	80
Controls	21	21	18	16
Winning times	50-55 minutes		40-44 minutes	
Maximum time	150 min.			
Map size	A3			

Middle map	Middle terrain	Map sample
Scale 1:10 000 Contour interval 5 m	<ul style="list-style-type: none">• mostly forested area• dense network of tracks with different levels of rideability• deciduous forest with usually good visibility• hilly in some parts	

Mapmaker: Petar Doganov, Valentin Garkov

Course planner: Todor Pedev

Traffic: During the course there may be routes crossing roads with minimum vehicle traffic. Some roads with minimal traffic may be used to ride along. Competitors must keep strictly to the right side of the road. Police and officials will help in reducing the traffic. Pay additional attention. Be careful when crossing roads!

Quarantine: Toilets, tents and water are available in the quarantine area.

Pre-start: It is located at the edge of the quarantine. There will be a clock showing the start time. It is the responsibility of the competitors to watch for their start time.

Distance from time start to start point: 50 m

Finish arena: Toilets, tents and refreshment are available at the finish arena.

BULLETIN 4

WMTBOC & JWMTBOC – 2024

9-15 September – Shumen – BULGARIA



LONG DISTANCE

Arena: Monument “1300 years Bulgaria” – 43.261730, 26.922898 (approx. 7 km from EC)

Parking at arena: 43.257900, 26.923065 (approx. 350 m from arena)

Start quarantine: 43.219226, 26.864585
The quarantine is approx. 18 km (25 min. by car) from the arena and 15 km from the EC (25 min. by car). It is advised to go from the EC directly to the quarantine.


Quarantine deadline: 11:00


First start: 9:30

Start interval: 3 min.

LONG DISTANCE	MEN	WOMEN	M20	W20
Length	37,5	30,3	27,4	22,6
Total climb	990	830	670	530
Controls	21	17	17	14
Refreshments	2	1	1	1
Map flip	1	1	1	1
Map change	1	0	0	0
Winning times	105-115 minutes		84-92 minutes	
Maximum time	210 min.			
Map size	A4 + A3 *	A3	A3	A3

* MEN start with map size A4 and on the first refreshment change to the map with size A3 which later has a flip.

Symbol *715 Continuing point after map exchange* will mark the continuation of the course on the following map. 

Long map	Long terrain	Map sample
Scale 1:15 000 Contour interval 5 m	<ul style="list-style-type: none">• mostly forested area with low visibility• tracks of different rideability• flat parts of terrain and some steeper slopes• generally rough and demanding	

Mapmaker and Course planner: Petar Doganov

Traffic: During the course there may be routes crossing roads with minimum vehicle traffic. Some roads with minimal traffic may be used to ride along. Competitors must keep strictly to the right side of the road. Police and officials will help in reducing the traffic. Pay additional attention. Be careful when crossing roads!

Quarantine: Toilets, tents and water are available in the quarantine area. Riders' clothes and other personal belongings will be transported from a quarantine to the finish arena.

Pre-start: It is located at the edge of the quarantine. There will be a clock showing the start time. It is the responsibility of the competitors to watch for their start time.

Distance from time start to start point: 100 m

Finish arena: Toilets, tents and refreshment are available at the finish arena.

BULLETIN 4

WMTBOC & JWMTBOC – 2024

9-15 September – Shumen – BULGARIA



RELAY

Arena: Monument “1300 years Bulgaria” – 43.261730, 26.922898 (approx. 7 km from EC)
Parking at arena: 43.257900, 26.923065 (approx. 350 m from arena)
Distance EC – arena: approx. 7 km (10 minutes by car)
Quarantine for 2nd and 3rd leg: next to the arena
Quarantine deadline: 9:50
Mass start: MEN 10:00, WOMEN 10:05, M20 10:10, W20 10:15

RELAY	MEN	WOMEN	M20	W20
Length	17,7	14,6	13,3	11,8
Total climb	150	130	120	120
Controls	19	17	15	16
Winning times	40-45 minutes per leg		35-40 minutes per leg	
Maximum time	90 min. per leg			
Map size	A3	A3	A3	A3

Relay map	Relay terrain	Map sample
Scale 1:10 000 Contour interval 5 m	<ul style="list-style-type: none">• mostly forested area• flat parts of terrain and some steeper slopes• tracks of different rideability	

Mapmaker: Petar Doganov

Course planner: Todor Pedev

Traffic: During the course there may be routes crossing roads with minimum vehicle traffic. Some roads with minimal traffic may be used to ride along. Competitors must keep strictly to the right side of the road. Police and officials will help in reducing the traffic. Pay additional attention. Be careful when crossing roads!

Mass start of first-leg riders: 5 minutes before the start, athletes are called forward to line up standing over their bikes in rows of 10. All riders must be at their starting position 3 minutes before start. Maps will be provided 1-2 minutes before start and placed face down on the map holder. Signal will be given 15 seconds before start to turn over the maps. The bike must be stationary and riders must keep at least one foot on the ground until the start signal. A time penalty of two minutes will be given to those athletes who start too early or look at the map too early, i.e. such athletes will have two minutes added to their time and their finish position will be adjusted accordingly. The mass start will be recorded on video.

After the start the rider follows a mandatory route to the map start marked by a flag in the terrain.

BULLETIN 4

WMTBOC & JWMTBOC – 2024

9-15 September – Shumen – BULGARIA



Changeover and taking the map for second- and third-leg riders: These athletes CLEAR and CHECK their SIAC(s) at the stations in the quarantine zone. GPS pick up is also in the quarantine zone.

Athletes are allowed to leave the quarantine zone and enter the changeover area when their teammate is passing the arena.

Correct and timely relay changeover is the responsibility of the competitors.

Before leaving the quarantine zone, athletes test if the AIR+ mode of their SIAC is active by holding their SIAC(s) over the TEST station at the exit of the quarantine zone.

Second- and third-leg riders get their map as they enter the changeover zone. The map is labelled with the start number which must be checked by the competitors when receiving it. Once second- and third-leg riders have changed over, they may look at the map. Competitors who look at their map before changeover will be disqualified. Details on getting the maps will be given at the team officials meeting.

The changeover between the members of each relay team takes place by touch.

Start and changeover procedures will be demonstrated at 9:40.

Finish arena: Toilets, tents and refreshment are available at the finish arena.

