



JWOC

Junior World Orienteering Championships
Romania, Baia Mare



BULLETIN 4

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1. WELCOME to JWOC 2023

Baia Mare is located in the northwestern part of Romania (70 km from the border with Hungary and 60 km from the border with Ukraine). It is crossed by the Sasa river and has about 200,000 inhabitants. It was once an important mining center, a lot of non-ferrous ore was extracted around the city, but the mines were closed one by one, and nowadays there are very few mines still in operation. Baia Mare is known not only for its underground riches but also for the surroundings that give a special beauty to the place. In addition, the city of Baia Mare and the Maramures County are famous for having very well preserved the Romanian traditions and customs.

Baia Mare is also an important cultural center, the city was a finalist in the race to obtain the titles of European Capital of Culture in 2021, as well as the title of European Youth Capital in 2023.

Ing. Stefan BLASKO, general director of SC Electro Sistem LTD Baia Mare and JWOC 2023 honorary president

We are very proud and honored to welcome you to Baia Mare for the 2023 Junior World Orienteering Championships. This competition will gather gifted young people from over 35 countries to express their talent at the highest level. We are committed to make the championship a great event and promote the image and importance of orienteering by involving as many entities as possible.

We are looking forward to meeting you in Baia Mare! Good luck in the championship!



Ionuț PATRAȘ, President of Romanian Orienteering Federation

On behalf of the Romanian Orienteering Federation, I'm very pleased to welcome the best junior orienteers from all over the world, to the greatest orienteering event of the year, devoted to them, JWOC 2023. We are all very excited to organize again, after 27 years, a JWOC in Romania. Since then, Romanian Orienteering Federation, in partnership with orienteering sport clubs, have organized many national and international events, and in 2023 we are committed to put in practice all our gained experience for delivering challenging orienteering courses and the best opportunities for athletes, coaches and families, to befriend each other, to discover the Maramures hospitality and rich culture and return home with unforgettable memories. See you in Baia Mare, Romania, July 2023!



Istvan SEBESTYEN, Event Director

As director of the event, I would like to tell you that the entire city of Baia Mare, as well as the Romanian orienteering community, are looking forward to having you as our guests! Surely you will leave us with very pleasant memories, both related to the competition, the beauty of the area and the Romanian hospitality. We are all waiting for you!



Ionuț ZINCĂ, Technical Director

I am very happy to be part of this event, I have always a special connection with the Maramures area, it is one of the most beautiful in Romania. Also here is an important orienteering core in Romania, which has given many national champions. The terrain is up to the level expected for a world championship. I also have the honor to actively participate in mapping and course settings, I hope that my experience gained over all these years will offer challenging races. We are looking forward to seeing you in Baia Mare!



2. ORGANIZING COMMITTEE

Main sponsors



Organisers



Romanian Orienteering
Federation



Electro Sistem
Main organizing Club



Ministry of Sports

AGENȚIA NAȚIONALĂ
PENTRU SPORT



International Orienteering
Federation



Consiliul Județean
Maramureș
Maramures County



Honorary committee:

ing. Stefan BLASKO, general director SC Electro Sistem LTD
ec. Cătălin CHERECHEȘ, the mayor of the municipality of Baia Mare
Ionel BOGDAN, president of Maramures County Council

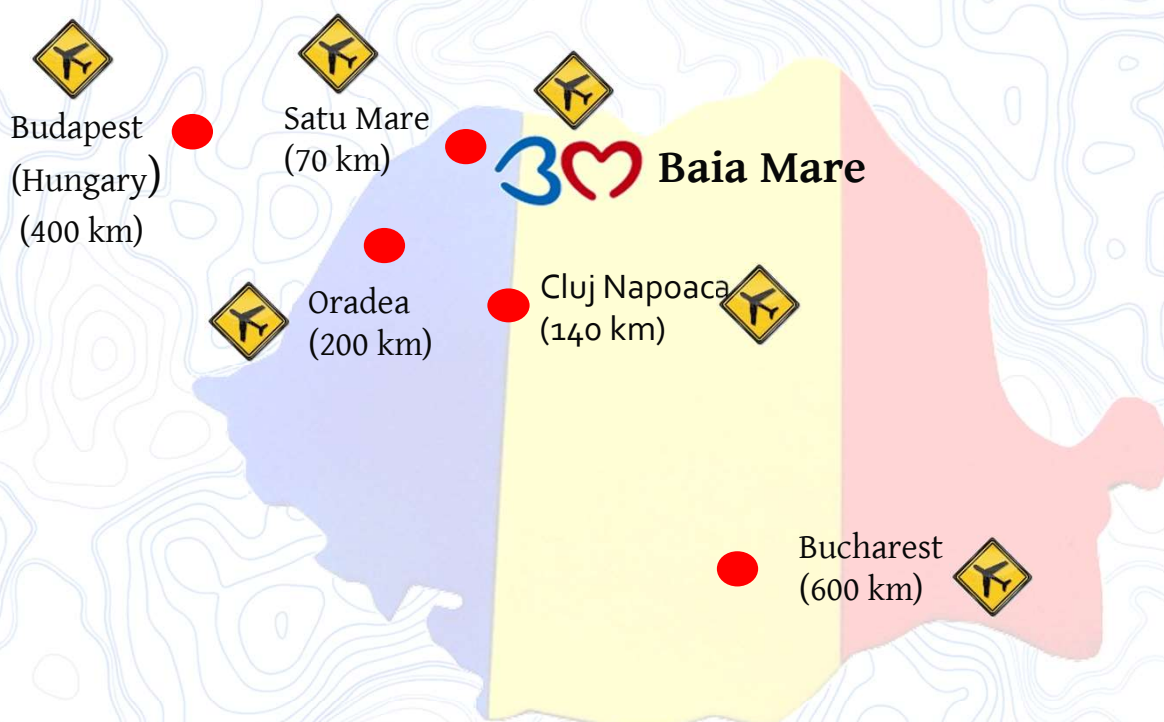
JWOC 2023 main responsables:

Event Director: Istvan SEBESTYEN
Technical Event Directors: Ionuț ZINCĂ, Tamas BOGYA
IOF Senior Event Adviser: Erik BOBACH - Denmark
IOF Assistant Senior Event Adviser: Dorthe HANSEN - Denmark
Event coordinator: Ionuț PATRAȘ
Secretary: Natalia DECONESCU
National Controllers: Daniel BARKASZ, Sandor FEY
Official mappers: Liviu ȚÎNȚAR, Ionuț ZINCĂ
Timekeeping: Yana BOGYA, George NEAGU

Jury members:

Bruno Nazario - POR
Annika Billstram - SWE
Stefano Raus -ITA
Sandra Lauenstein SUI - back up in the event of conflict of interest

3. VENUE, ACCESS AND DISTANCES



Baia Mare can be reached in several ways:



Baia Mare airport	8 km to event center (Driving distance – 15 min)
Satu Mare airport	70 km to event center (Driving distance – 1 h)
Cluj Napoca airport	140 km to event center (Driving distance – 2h)
Oradea airport	200 km to event center (Driving distance – 3h)
Budapest airport (HU)	400 km to event center (Driving distance – 4h.30 min)
Bucharest airport	600 km to event center (Driving distance – 8 h)

Personalized transfer option:

The organizers can provide transfer services from and to airports, more info at info@jwoc2023.ro :

- Baia Mare – from 4 euro to 5 euro/passenger/one way
- Satu Mare – from 9 to 10 euro/passenger/one way
- Cluj Napoca – from 12 to 13 euro/passenger /one way



Baia Mare has a train station, 2 km from the event center. For more details, <https://mersultrenurilor.infofer.ro/en-GB/Itineraries>

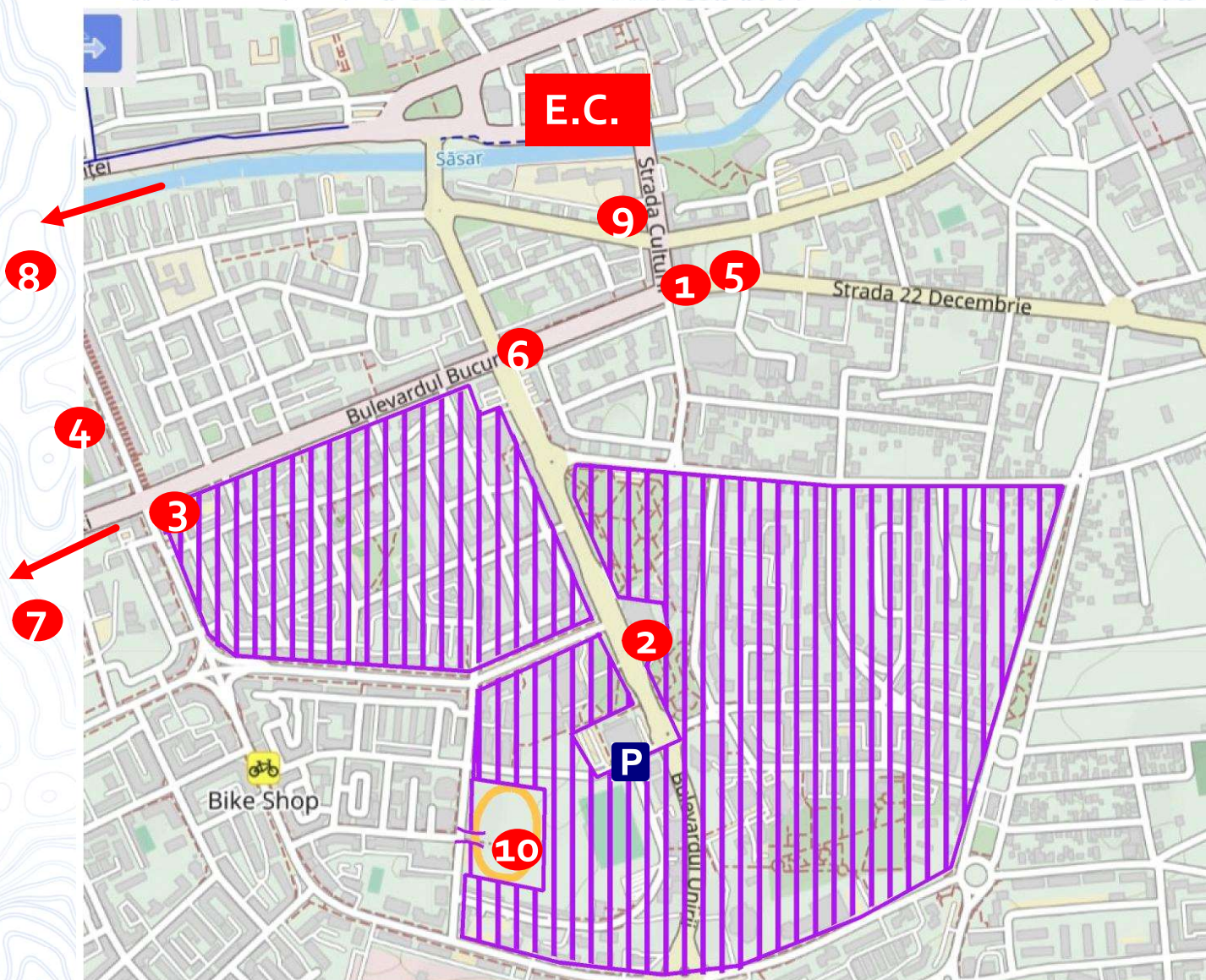


Baia Mare can be reached by public transport, more details on <https://www.autogari.ro/?lang=en>



Baia Mare can be easily reached by car, in the area there is a rich network of roads, but there are no highways.

Major places in Baia Mare



 - Embargoed Area until 4th of July 8.00 pm!!!

- E.C. - Event Center [47.658804, 23.569156](#)
- 1. - A1 category accommodation (Rivulus Hotel), 200 m from EC
- 2. - A2 category accommodation (Mara Hotel), 900 m from EC
- 3. - B category accommodation (Eurohotel), 1.200 m from EC
- 4. - C category accommodation (Student dorm), 1.300 from EC, [47.653931, 23.557330](#)
- 5. - Opening ceremony, 200m from EC
- 6. - Opening ceremony (starting place), 400m from EC
- 7. - Way to railway station and bus station, 2km from EC
- 8. - Way to Baia Mare airport, 8 km from EC
- 9. - "Vasile Lucaciu" high school - extra team meeting rooms
- 10. - Athletics stadium

In Baia Mare you can wash your clothes for fee at "I Wash" Laundry [47.6518485, 23.5713645](#), but only after 4th of July, because that place is situated in sprint embargoed area.

4. EVENT CENTER

The Competition centre is situated in the city center of Baia Mare at the “Petre Dulfu” municipal library, GPS coordinates: [47.658804, 23.569156](https://www.google.com/maps/place/47.658804,23.569156)



In the Event Center, you'll find the **Event Office** of JWOC (and also JWOC O-TOUR) and the **team boxes** (where daily paper information will be provided). **Team Officials' Meetings** will take place at the Event Center auditorium. Toilets are available at the place.

Address: Bulevardul Independentei 4B, Baia Mare

This place is also a good opportunity to spend free time. There you can find a book section in English and a few other languages and a little museum. More details here: <https://www.bibliotecamm.ro/>

During competition, Event Center will be available at the arenas. Here, new maps for teams can be released, once the quarantine is completely closed.

5. ACCREDITATION

All registered participants, both athletes and team officials, must go through accreditation process at the JWOC Event Office, before 2nd of July, 13.00 o'clock. A team official can go to accreditation carrying the official ID of each team member. The official ID card must have a photo. If any team is late, please send a message to the Event Center Office via info@jwoc2023.ro

Important to emphasize that **all team members must have an IOF Eventor profile with passport-style photo**. Also, during the entry process, each nation must provide a contact person, an e-mail address and a phone number that JWOC organizers can communicate with.

A personal JWOC ID card (badge) with photo will be handed out at accreditation. All accredited people must wear it at all relevant times, presenting it to access restricted zones like Quarantine, Transports, Arena's Team Area, Banquet etc.

At the accreditation, Organizers will also deliver a small gift to all accredited people, GPS vests, SPORTident units, safety pins for bib numbers, Bulletin 4 copies and other relevant or advertisement material.

Model event maps will be delivered during accreditation.

6. COMPETITION PROGRAM

Date	Time	Event	Place
Saturday 01.07.2023	10.00-20.00 All day All day	Event Office open, accreditation Arrivals Model events for all competitions	Event Center Baia Mare Baia Mare, Negreia
Sunday 02.07.2023	09.00-14.00 13.00 13.00 All day 17.00-18.00 18.30-21.00 19.00	Event Office open, accreditation Deadline for accreditation Deadline for names and start groups for sprint Model events for all competitions Opening Ceremony Event Office open TOM sprint	Event Center Event Center Eventor Baia Mare, Negreia Baia Mare Event Center Event Center
Monday 03.07.2023	09.00-12.00 15.00-20.00 16.30 20.00 21.00	Event Office open Event Office open Sprint-First start Prize giving ceremony Sprint competition Deadline for names and running order for mix relay	Event Center Baia Mare arena Baia Mare Baia Mare Eventor
Tuesday 04.07.2023	09.00-12.00 10.00 13.00 15.00-18.30 16.30 18.00 18.45-21.00 19.00	Event Office open TOM sprint relay Deadline for names and start groups for middle distance Event Office open Start Mix Relay (4 legs) Prize giving ceremony Mix Relay competition Event Office open TOM Middle Distance	Event Center Event Center Eventor Baia Mare arena Baia Mare Baia Mare arena Event Center Event Center
Wednesday 05.07.2023	09.00-16.00 09.00 15.45 18.00-20.00	Event Office open Middle Distance-First start Prize giving ceremony Middle Distance competition Event Office open	Cavnic arena Cavnic arena Cavnic arena Event Center
Thursday 06.07.2023	All day All day 13.00 17.00-21.00 19.00	Rest day Long Distance & Relay model event Deadline for names and start groups for long distance Event Center open TOM Long Distance & Relay	Baia Mare Negreia Eventor Event Center Event Center

Friday 07.07.2023	09.00-17.00 09.00 13.00 16.30 19.00-21.00	Event Office open Long Distance-First start Deadline for names and running order for relay Prize giving ceremony Long Distance competition Event Office open	Cavnic arena Cavnic arena Eventor Cavnic arena Event Center
Saturday 08.07.2023	09.00-15.00 09.30 11.30 13.30 14.20 18.00-20.00 20.30	Event Office open Forest Relay (3 legs), First start M category Forest Relay (3 legs), First start W category Closing Ceremony Coaches and VIP race – mass start Event Office open Banquet	Cavnic arena Cavnic arena Cavnic Arena Cavnic Arena Cavnic arena Event Center Baia Mare
Sunday 09.07.2023	09.00-12.00 All day	Event Office open Departure home	Event Center

TOM – Team Official Meeting

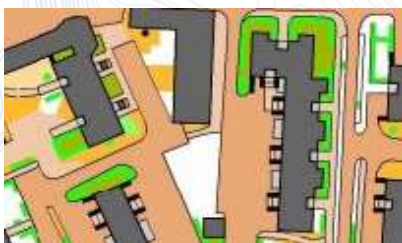
7. TERRAIN AND MAPPING

7.1 Sprint areas

The competitions area is at an altitude of 220 meters and is very runnable with very good visibility. There is a high density of buildings, a dense network of asphalt roads but also open ground. The area is mostly flat, with no significant difference in level. There will be low traffic in some parts, in other areas the traffic will be restricted and some streets will be blocked. The entire area will be monitored by police.

Sprint areas are mapped by Ionut Zinca, ISSprOM2019-2.

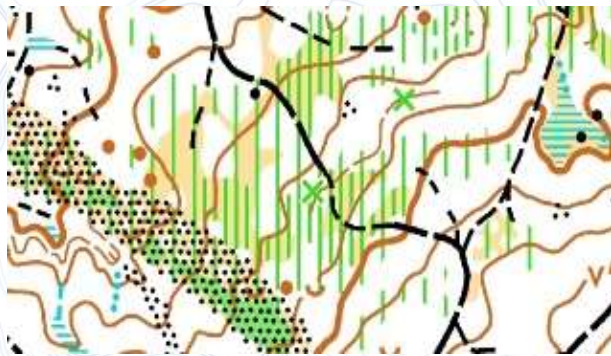
Sprint map scale will be 1:4.000, contour interval 2,5 meters.



7.2 Forest areas

Competition areas are located 600-900 m above sea level. The terrain is middle steep up to steep. The vegetation varies in all categories, from runnable forest to hard-to-cross thickets or fallen trees; there are also a few large open areas. Runability and visibility varies from low to high. Rocks and stony formations. There are areas with intricate contours but also some more visible land-forms. The path network varies in density.

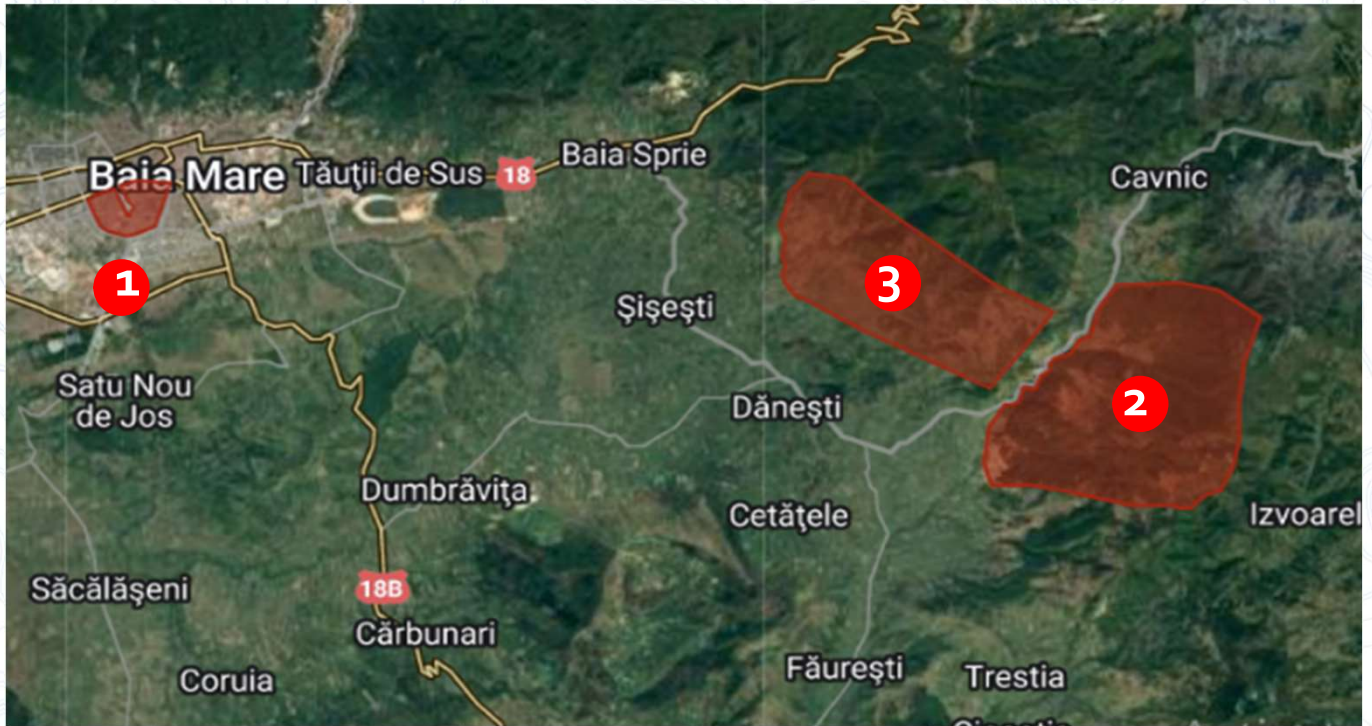
Forest areas are mapped by Liviu Tintar, using Lidar Technologies and ISOM 2017-2
Map scales will be 1:15.000 for Long Distance and 1:10.000 for the Middle Distance & Forest Relay, contour interval 5 meters.



8. EMBARGOED AREAS

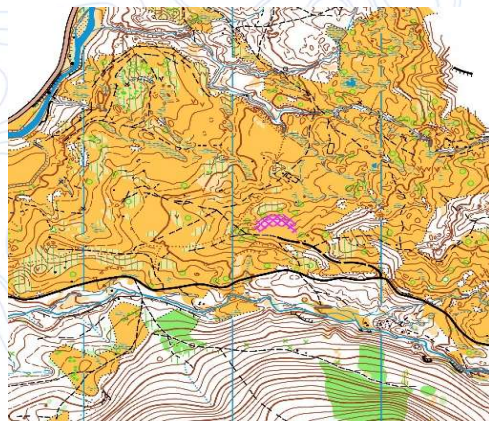
The embargoed areas are completely forbidden to visit by competitors, team officials and other persons who, by knowing the terrain, may influence the competition's results.

An updated overview of the embargoed areas can be found on the JWOC 2023 website, www.jwoc2023.ro



1. Sprint areas – Baia Mare
2. Forest areas - Cavnic
3. Back-up area for forest races. Embargoed back-up area no longer embargoed starting on 5th of May 2023.

Old maps from JWOC 2023 competition area can be found on the JWOC 2023 website, www.jwoc2023.ro



9. COMPETITION RULES

The Competition Rules for International Orienteering Federation (IOF) Foot Orienteering events (*Rules for the Junior World Orienteering Championships*), valid from 1st January 2023, will apply.

9.1 Fairness

- It is not allowed (and not fair) to gain any unofficial information about the race, especially about courses, maps, location of Starts, etc.
- Except for the Relay, athletes are not allowed to visit the arenas before their respective competitions. It is also not allowed (and not fair) to gain any unofficial information about the arenas from other persons.
- From the moment team members (athletes and team officials) enter the Quarantine area or bus, until they arrive to the arena, mobile phones must be completely turned off (random checks possible). Other devices which enable communication with the exterior are also forbidden.
- It is allowed to use music players without any built-in connectivity. Inside the Quarantine and Pre-Start area, athletes wearing headphones might be randomly asked to display their players for checking.
- In Quarantine and Pre-Start area, it is strictly forbidden to bring any electronic devices (except for non smart watches) to bathrooms or any other private rooms -whether the devices are turned on or not.
- Use of GPS watches is forbidden according to Rules 21.4: GPS-enabled devices (watches etc.) must not be carried unless the device has been provided by the organizer.
- It is not allowed to use (look at) the old Sprint or forest maps after entering Quarantine on competition day. However, it is allowed to look at other maps.
- Violations of these rules should be immediately reported to any official, to preserve fairness.
- Coaching (example: handover of information, equipment, material, drinks etc.) is only allowed in the designated Coaching Zones (maximum two team official per team). ***Transferring information regarding the remainder of the courses is strictly forbidden.***
- Violations of these rules may result in the disqualification of the runner or whole team.

9.2 Anti-doping

Doping is strictly forbidden and the organizers of JWOC 2023 are dedicated to supporting the anti-doping authorities in their work. Doping tests are always carried out in accordance with the procedures described in the WADA International Standard for Testing. The ***IOF Anti-Doping Rules 2021*** and the ***World Anti-Doping Code 2021*** apply. Athletes who are selected for the doping tests must bring an official identification (with photo) to the doping test area - the JWOC ID card is acceptable. The athlete should also bring along their Therapeutic Use Exemption (TUE) if applicable. In general, it is advisable that athletes bring their ID to all the competitions and events.

10. START DRAW & START INTERVALS

For Sprint, Middle Distance and Long Distance, teams are responsible for dividing their athletes into 3 start groups (early, middle and late). This must be done before the deadline set by the organizers for the respective competition.

Start intervals

Sprint: 1 minute

Middle distance: 2 minutes

Long distance: 2 minutes

11. FIRST AID AND HEALTH INSURANCE

First-aid services will be provided in the arenas and out in the terrain thanks to the precious help of the Mountain Gendarmerie, CLCG Baia Mare (equipped with search and rescue dogs), county ambulance and volunteers of “Red Cross” association. For the forest races, in the middle of the competition area, Organizers will place an emergency point. These places will be marked on the map with “712 First aid post” symbol. In case of specific help needed (example: to reach-out a specific kind of medical treatment) Event Office members can help with contacting the appropriate services.

As stated in the IOF Competition Rules (6.4): “Competitors participate at their own risk. Insurance against accidents is the responsibility of their Federation or themselves, according to national regulations.” Therefore, National team members must be covered by the insurance of their Federations or their own insurance. JWOC 2023 organizers do not provide any health insurance to athletes nor team officials.

12. LIVE COVERAGE

The organizers will provide LIVE coverage of the competition, which will be available on the arenas’ big screen and online. Athletes will encounter several cameras and operators in the terrain. Athletes might be followed by “running-cam” operators, additionally, drone footage and photos will be taken.

Every athlete must wear GPS units. Vests for GPS units shall be provided at accreditation and they must all be handed over after the Forest Relay.

13. TEAM OFFICIALS’ MEETINGS (TOM)

There will be four Team Officials Meetings providing relevant information about each race and some extra topics. All Team Officials Meetings will be held at the Event Centre (Baia Mare municipal library), but you can follow TOM online via Google Meet. If you have questions for the meetings, please send them to info@jwoc2023.ro 2 hours before, and we will answer during the meeting. A pdf file with Q&A will be uploaded on eventor after each TOM.

TOM schedule and access links for TOM online:

Sunday	02.07 at 19:00	https://meet.google.com/fhk-rkmb-dij	for Sprint
Tuesday	04.07 at 10:00	https://meet.google.com/hoz-kcux-cpa	for Mixed Relay
Tuesday	04.07 at 19:00	https://meet.google.com/fjx-kpys-tvy	for Middle Distance
Thursday	06.07 at 19:00	https://meet.google.com/fhk-rkmb-dij	for Long Distance & Relay

The official accommodation places have a limited number of meeting rooms, but not enough for all teams (especially the Rivulus Hotel). After each TOM, the organizer will provide some classrooms at “Vasile Lucaciu” High School. Location coordinates [47.65817,23.57004](https://www.google.com/maps/place/47.65817,23.57004)

14. CEREMONIES

14.1 Opening ceremony

The Opening Ceremony of JWOC 2023 will take place on Sunday, 2nd of July, between 17.00 and 18.00. The opening ceremony will consist of a promenade from center of Baia Mare to Revolution Square, located 200 m from the Event Center building. The ceremony will include a speech by the City Hall President Cătalin Cherecheș – Mayor and the Romanian Orienteering Federation’s representative.

Then, a short cultural moment will be performed and, to officially declare JWOC 2023 open, an International Orienteering Federation representative will make an opening speech.

Opening ceremony procedure:

1. No later than 16:40, all the athletes and team officials must be in the McDonalds area, Baia Mare, coordinate: [47.655216, 23.567370](https://www.google.com/maps/place/47.655216,23.567370) . Upon arrival, National team members should go to their nation’s name and flag. Teams must designate their flag bearer.
2. When all nations are lined up, they will parade behind the Municipal Marching Band towards the Revolution Square.
3. On the stage in the Revolution Square, there will be speeches and an artistic performance.

We kindly ask all the team members to dress in their national team official clothes during the opening ceremony.



Revolution Square

14.2 Prize-giving ceremonies

The prize-giving ceremonies will take place at the arena, after each JWOC final.

Times for prize-giving ceremonies are given in the bulletin programme, but small changes may occur. As soon as the top-10 is decided, provisional results will be displayed on a results board at the Event Office, and the speaker will announce the start of the 15-minute complaint time. After the end of the complaint time, the prize-ceremony timing will be announced by the speaker.

Athletes or teams ranked 1st to 6th shall be present at the prize-giving meeting point (entrance/exit of the team area) 10 minutes prior to the beginning of the respective ceremony.

Athletes must be wearing their official National team clothes and should not be using sunglasses, hats, water bottles or similar items.

Final instructions to the participants will be given on site prior to the ceremony.

The organizers kindly ask the National team members to be on site until the end of each prize-giving ceremony. We also kindly ask team members not to go to the stage for delivering flowers bows and/or kisses to the podium athletes until after both ceremonies (men and women) have been completed.

14.3 Closing ceremony

The Closing Ceremony will be held on Saturday, 8th of July, at Cavnic Arena immediately after the prize giving ceremony for the Relay competition. This short program will include handing over the IOF flag to the JWOC 2024 organizers from the Czech Republic.

15. JWOC 2023 BANQUET

The official JWOC 2023 Banquet will be held on Saturday, 8th of July in Baia Mare, at the “Lascar Pana” Sports Hall. Entries are allowed only for National team members using the JWOC ID cards at the entrance. The entrance will be guarded! Google coordinates [47.64960, 23.56981](#)

The banquet will start at 20:30, immediately after the teams served dinner at the accommodation places. Self-service snacks and soft drinks are included in the accreditation fee.

Special conditions and rules regarding drinking alcohol and inappropriate behaviour before, during and after the Banquet will be set and announced during the last Team Officials Meeting. Team Officials carry full responsibility for behaviour of their team members.

A DJ will liven up the night and the mood until 1:00 AM (approximate time).

For the safety of the participants, there will be organized transportation from the JWOC 2023 Banquet, more details will be provided during the last TOM. That transportation will be covered by the accreditation fee. It is allowed to use your own transport, as there are many free parking places in front of the location.

16. CODE OF ETHICS

“Team presentation” and “Top 10 list” policy

It has become a tradition both in social media and at the accommodation sites, to create “top-10 lists”. Here, athletes from different teams are ranked according to their physical appearance.

In the social media, “team presentation” pictures and videos that may appear to be sexually expressive have been often published. The acceptable level as to when a picture or a video may be seen as sexually expressive is unlikely to be the same for different individuals. A guiding principle will be to look at what clothing the athlete would use in a Sprint competition, for example. Any less clothing than this should not be expected to be considered acceptable. This both relates to posts in a JWOC-related social media or web page and in physical prints in the JWOC accommodation sites.

Such activity is incompatible with the IOF Code of Ethics and the IOF Policy on Preventing Sexual Harassment and Abuse. Any similar activities may lead to sanctions towards individuals or the federations they represent, in case these individuals are considered responsible for such activities.

Team Officials of all teams are requested to discuss these principles with their young Athletes. This issue will also be addressed as an item on the agenda of the first Team Officials’ Meeting. Any questions or comments regarding this topic should be sent to info@jwoc2023.ro. For reference, the IOF Code of Ethics and [IOF Policy on the Prevention of Sexual Harassment and Abuse](#) can be found on the [IOF website](#).

17. MEDIA AND VIP

17.1 Media representatives

We welcome all Media representatives to JWOC 2023!

Media staff should have a Media identification badge. If you want to be a media representative at JWOC 2023 please send us an e-mail at info@jwoc2023.ro and we will grant you access as “Media”. This must be done before 29th of June 2023. Upon their arrival at JWOC, a media representative should go to Event Office and ask for his/her Media identification badge.

As an official Media representative, they will have access to the special Media photo zones, both in the Finish area, and in the terrain.

17.2 Very Important Person (VIP) at JWOC 2023

A JWOC 2023 VIP is someone important for the creation of this event, such as local government members, sponsors or organizers of JWOC 2024 Czech Republic. They will have access everywhere.

17.3 Team Officials & VIP race (mass start)

After the closing ceremony, on Saturday 8th of July, a mass start will take place at Cavnic Arena using JWOC Relay maps. All accredited people are welcome to run this course. No entry is required.

18. CLIMATE

The climate of Baia Mare is continental, with cold winters and warm summers. July is warm and sunny, though thunderstorms can break out in the afternoon. The minimum average temperature is around 14 °C and the maximum average is 26 °C. There can be very hot periods, in which the temperature reaches or exceeds 33 °C. During JWOC 2023 week sun will rise around 5:30 and set around 21:30.

The organizers will provide at some controls on forest stages water and Isostar sport drink.

19. TRANSPORT DURING JWOC 2023

All transport will be available only for accredited persons, based on JWOC ID.

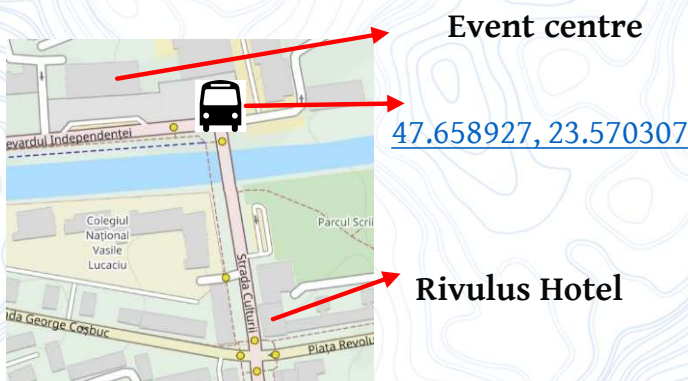
All official transport will depart from and return to official accommodations or in neighborhood. **All the competitor must go to these 3 bus stations:**

BUS STATION LINE 1 - Event center + A1 category accommodation (Rivulus Hotel)

BUS STATION LINE 2 - A2 category accommodation (Mara Hotel)

BUS STATION LINE 3 - B category accommodation (Eurohotel) + C category accommodation (Student dormitory)

BUS STATION LINE 1



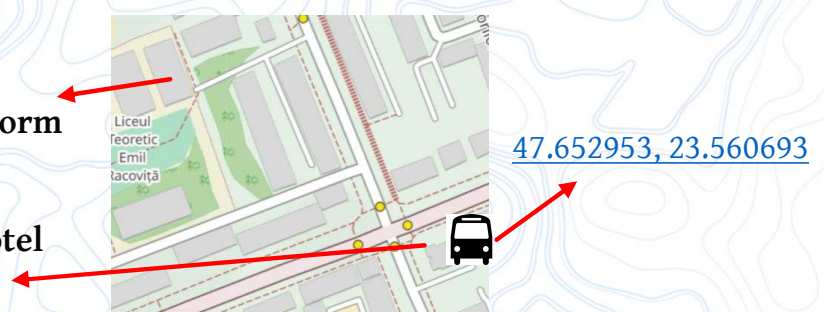
BUS STATION LINE 2



BUS STATION LINE 3

Student dorm

Eurohotel



All the teams who have accommodation in other places than the official ones must take the buses from Event Center -LINE 1!!!

No transport will be provided to the opening ceremonies, sprint relay arena and the return from the sprint arena, since all will be held in the Event Center neighborhood.

The use of **official transport is mandatory** in the following situations:

- To travel from Event Center and A, B and C category accommodation to the quarantine area on the sprint, middle distance and long distance.
- To travel from quarantine areas to arena for team officials on the middle and long distance.

The use of **official transport is not mandatory** in the following situations:

- To travel to the official forest training area and relay arena and back.
- To travel to the sprint, middle and long distance arena by team leaders and runners who don't compete that day.
- To travel from middle distance, long distance and relay arenas to the accommodation places.

In these cases official transport is not mandatory, but is recommended, because the arenas parking is limited and long walks from parking to arenas may occur.

After the forest races, the official buses will leave as soon as they fill up, starting at 14:00.

All official transport will be covered by accreditation entry fee.

19.1 Transport procedure for each event

A. Transport for model events

- Transport to/from sprint model event (02.07.2023)

Organizers will not provide any kind of transport for this event, because this area is situated in official accommodations' neighborhood.

- Transport to/from forest model event (02.07.2023).

In this case, the use of official transport requires pre-booking, please send your requests to info@jwoc2023.ro before 30.06.2023

Bus schedule:

First bus - 8:30 from Event Center (47.658927, 23.570307)

Last bus - 11:30 from Model Event Parking to the Event Center.

There will be 6 minibuses. They start as soon as they fill up and will go back and forth between Event Center and Model Event Parking.

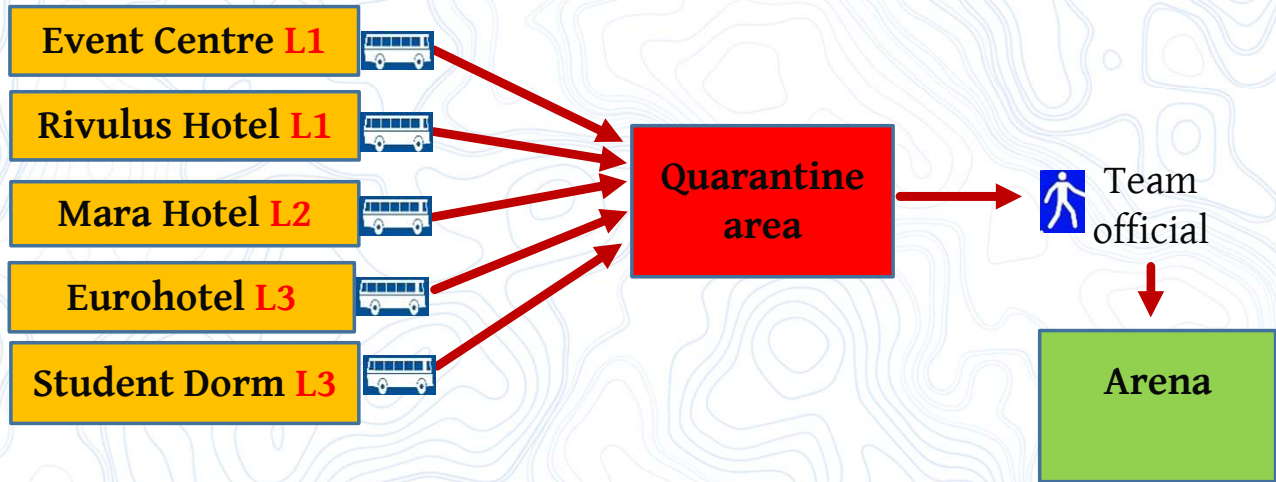
The distance from Event Center to the Model Event Parking is 18 Km.

Driving time ~ 30 min.

The distance from Parking to the Finish area is 650 m.

B. Transport for sprint (03.07.2023)

General simplified transport scheme for sprint



Schedule for transport - sprint

Line	Time	Bib Numbers		Estimate travel time	No. of buses
		M	W		
Line 1	15:00	1-80	1-75	5-8 min	1
	15:50	81-	76-	5-8 min	1
Line 2	15:00	1-80	1-75	5-8 min	1
	15:50	81-	76-	5-8 min	1
Line 3	15:00	1-80	1-75	5-8 min	1
	15:50	81-	76-	5-8 min	1

The officials can travel with any buses.

Organizers will not provide any kind of transport back to accommodation places, because Arena is located in the official accommodation neighborhood.

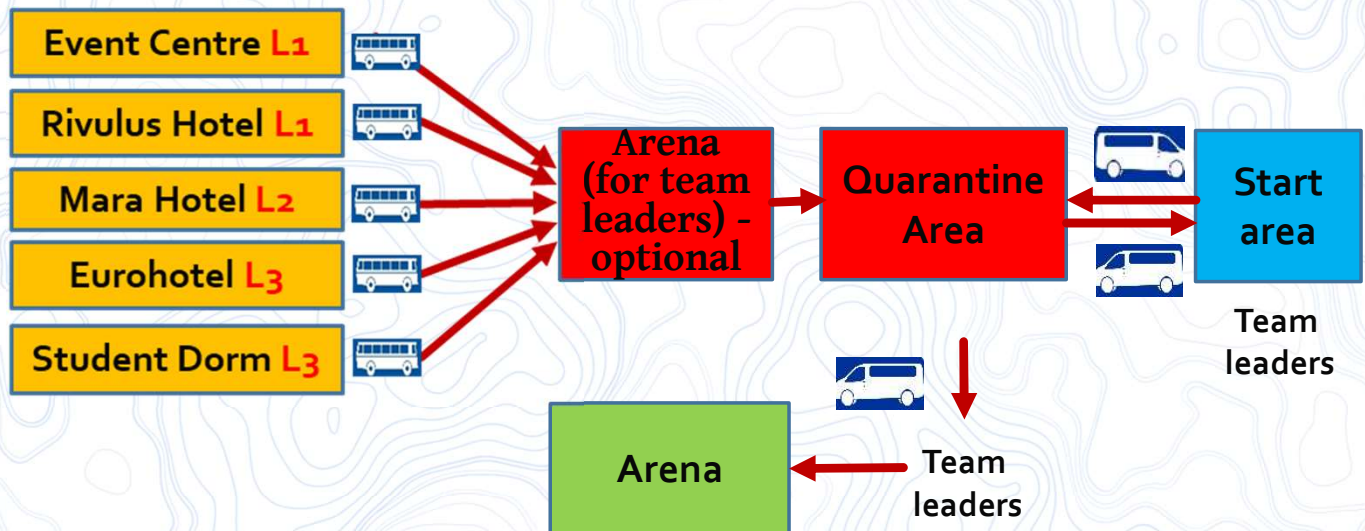
C. Transport for sprint-relay (04.07.2023)

Organizers will not provide any kind of transport to/from accommodation places, because Arena is situated in the official accommodation neighborhood.



D. Transport for middle distance (05.07.2023) and long distance (07.07.2023)

General simplified transport scheme for middle and long distance



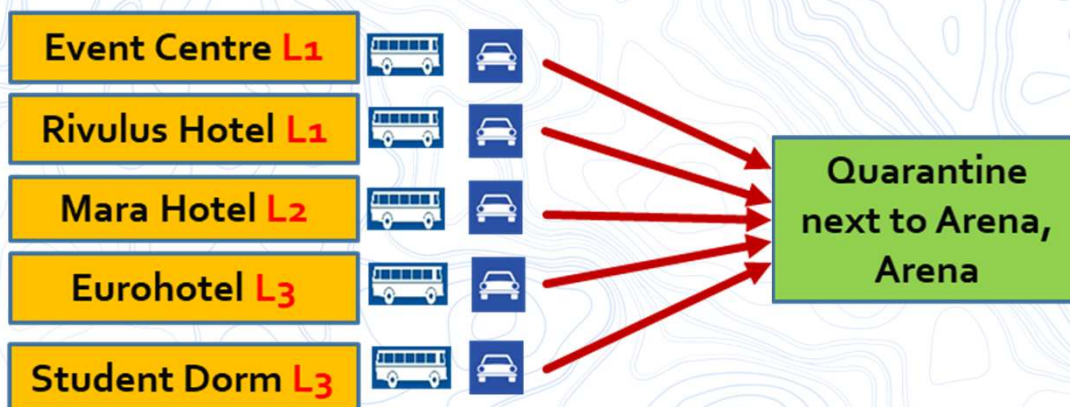
Schedule for transport – Middle and long

Line	Time	Bib Numbers		Estimated travel time	No. of buses
		M	W		
Line 1	7:00	1-90	1-90	45 min	2
	08:50	91-...	91-...	45 min	2
Line 2	7:00	1-90	1-90	45 min	1
	08:50	91-...	91-...	45 min	1
Line 3	7:00	1-90	1-90	45 min	2
	08:45	91-...	91-...	45 min	2

- The officials can travel with any buses.
- In the quarantine area you will find the transport schedule from Quarantine to Start Area. Travel time, by small buses: 10-12 min.
- Upon return, the official buses will leave as soon as they fill up, first bus will not leave earlier than 2 p.m. All the buses will visit the 3 pick-up locations used in the morning.
- Drop off areas for luggage will be both at Quarantine exit and at the Start Area.

E. Transport for forest relay (08.07.2023)

General simplified transport scheme for relay



Schedule for transport – Forest relay

Line	Time	Bib numbers	Travel time	Buses
Line 1	7:45	All legs men, women	40 min	2
Line 2	7:45	All legs men, women	40 min	2
Line 3	7:40	All legs men, women	40 min	2

* Upon return, the official busses will leave as soon as they fill up. The first bus will not leave earlier than 2 p.m. All buses will visit the 3 pick-up locations used in the morning.

19.2 Special transport

All official accommodations are located near the events in Baia Mare, so some teams will not need to rent cars. For those teams, Baia Mare Municipality offers free trips by public transport, just show the accreditation card if requested. You can find the public transport schedule here <https://www.urbisbaiamare.ro/index.php>

20. TECHNICAL MODEL EVENT

The technical model event will be held in-front of the Event Center, Sunday 2nd of July and will be available between 1 p.m. and 4 p.m., right before the opening ceremony. The technical model event will demonstrate:

- Start procedure
- Finish procedure
- Control equipment used at the competition
- SI Air+ punching system
- Refreshment control
- How artificial barriers might, or not, be built at the Sprint competition

21. MODEL EVENT

Model Events will show relevant examples of terrain, maps, map drawing, control sites and control descriptions. The paper for the maps will be the same as the paper used for the JWOC competition maps.

There will be 2 model events available: Sprint and Forest (Long distance, Middle distance & Relay).

Controls will be set using the same way they will be at competitions, both in Sprint and forest models, however no SPORTident units will be offered.

There will be toilets available only at the Sprint model event.

21.1 Sprint model event

- **Availability:** On 1st and 2nd of July, controls will be in terrain from 9 a.m. to 6 p.m.
- **Location:** Baia Mare, finish coordinate: [47.647764, 23.567139](#) (athletics stadium)
- **Parking:** Use Athletics Stadium parking lot, situated in front of the stadium.
- **Organized official transport:** Not available (follow transport Transport chapter for more details.)
- **Mapping:** Ionut Zinca, updated in 2023 using ISSprOM 2019-2. Old version (2018) can be found on JWOC 2023 website
- **Course settings:** Istvan Sebestyen
- **Map Scale:** 1:4.000/2,5m
- **Specific terrain characteristic:** This urban area is very similar to the sprint area and similar to the mixed relay area, the type of construction and floor are similar to the JWOC sprint areas.

Important!!! You must respect the embargoed area!!!

21.2 Forest model event

- **Availability:** On 2nd of July and 6th of July, controls without stations will be in terrain between 9 a.m. and 2 p.m..
- **Location:** Negreia Est, finish coordinate: [47.634376, 23.760845](#) (600 m from parking lot)
- **Parking:** [47.634315, 23.750170](#)
- **Organized official transport:** Available, according to schedule and details presented in transport chapter.
- **Mapping:** Liviu Tintar and Istvan Foldi, map made in 2023 using ISOM 2017-2. No old version for this area.
- **Course settings:** Istvan Sebestyen
- **Map scales:** 1:10.000/5m and 1:15.000/5 m. The organizers will provide a map with 2 sides, one side will have Negreia Est area, scale 1:10.000/5m, the second side will have the same area and the same control points, but the scale is 1: 15.000/5m
- **Specific terrain characteristic:** The model event area has more open area compared to the middle and long distance, is similar to the relay area, but the contours are very similar to all the forest areas.

22. GENERAL INFORMATION ABOUT THE COMPETITIONS

22.1 Printing and paper

ŽAKET company will print all JWOC 2023 maps. This company is the same that printed all maps used by WOC 2021 organized in Czech Republic. Digital printing will be used, waterproof paper will be used. This paper is tear resistant, so competition maps will not be inside plastic bags. However, at the start you can find extra plastic bags.

22.2 Quarantine / bib-number

- For all individual races, the quarantine will start when the competitors take the official buses.
- For sprint relay and forest relay races, the quarantine will start 15 min before first official start. All competitors must be in quarantine area:
 - before 16:15 – for mix relay.
 - before 9:15 – for forest relay.
- Information regarding the use of old maps and electronic devices inside Quarantine is given above (section 9.1).
- At quarantine for individual races and forest relay, toilets are available. Water, tea, coffee and fruits will be available for competitors. For the mixed relay, ecological toilets will be available only.
- Bib numbers for each individual competition day will be provided at the quarantine area, these can be collected by team officials for each country.
- Bib numbers for relay competitions will be provided at the quarantine area too, these must be picked up personally by each athlete.
- Runners must keep the safety pins for bib numbers they received at accreditation and bring them on.

22.3 Transport from quarantine areas to start areas

- For sprint, mixed relay and forest relay, transport is not needed, start areas are close to arena.
- For middle and long distance, 4 minibuses will transport the competitors according to the schedule posted in the quarantine area.

22.4 Bag drop

- Athletes must leave their luggage in the indicated place in the Quarantine area and/or Start area (for middle and long distance, in these cases both places can be used). Organizers will transport the bags from these places to the Team Area at the Arena.
- Organizers are not responsible for any loss of luggage or damage of contents. Please safely store your goods and close the luggage to avoid any problem. We encourage participants to attach their accreditations to their own bags.

22.5 GPS units and GPS tracking

- All athletes must wear a GPS unit on all races. Tracking service is provided by Loggator. Athletes will receive their GPS unit in quarantine areas and they must collect their units 10 to 20 minutes before their call up time.
- The organizers will provide GPS holder vests, these can be collected during accreditation and must be returned after the final race (forest relay). If a vest is not returned, there will be a charge of 30 EUR. Vests will be issued in size XS & S for women and M & L for men. If you need a different size, you can find it at the Event Center (prior to the first races). The vest must be worn underneath the athlete's running top.
- It is allowed to bring and use your own vests. GPS unit size: 2,2*3,8*6,8 cm.

22.6 Call-up

- A call-up will be made at each Start area. Depending on the competition day, the call-up will be done at different timings. See section for the specific race.

22.7 Start

- A call-up will be made at each Start area. Depending on the competition day, the call-up will be done at different timings (example: it can be -3 minutes in one day and -7 minutes in another). The exact call up time of each day is mentioned in each race section.
- Very close to the Start place a unit "SIAC battery" will be available. If a SIAC fails at "SIAC battery" test (no light/beeping) the athlete must go to the call-up and require an alternative card.

Start procedure in individual races:

- Call-up: -X minutes
- Bib number confirmation; SIAC number confirmation; SIAC: Clear – Check – SIAC Test; All punches are mandatory in order to activate SIAC mode.
- -3 minutes: SIAC Check
- -2 minute: Loose control descriptions available; Athletes move closer to map/start line
- -1 minute: Maps will be placed on a table and an official will place one hand on the map and the other on the athlete's shoulder until the last watch signal (the last beep). At the start signal, the athlete picks up the map and starts the race.
- In the relay races the SIAC: Clear – Check – SIAC Test will take place at the entrance to the waiting/changing-over area.

22.8 Late Start

- If an athlete is late for the Start, he/she must check in at the first call-up. The athlete will then be allowed to proceed to the next Start minute and go through the Start procedure as fast as possible. If, upon arrival at the Start line, the athlete is less than half a start interval after the Start time, he/she will be allowed to start immediately. If the athlete arrives more than half a start interval after his/her Start time, he/she will have to wait until the half start interval after the next starter.

- If the athlete is late through his/her own fault, the original start time will count for timing. If an athlete is late through the fault of the organizer, the real start time will be used.
- Example: For a 10h07 start time on Long distance (2 minutes start interval), if a late athlete arrives to the Start line at 10h07 min 50 sec, the Start will be at 10h 08 min 00 sec. If the athlete arrives at 10h 08 min 10 sec, the Start will be only at 10h 10 min 00 sec.

22.9 Timekeeping and punching system

- The SPORTident AIR+ system will be used for time-taking and control punch. This is a touch-free system (no need to insert the SI-card into the control unit) and will be demonstrated at the technical model event. At Start no punching is required – time will start running at the last “beep”. At Finish no punching is required – time will be stopped when Athletes cross the Finish line.
- A SPORTident Active Card (SIAC) will be issued for every athlete at the accreditation. All Athletes will use a SIAC provided by Organizers. Borrowed SIAC must be kept throughout the event and returned after the Relay. Failure to return a SIAC card will result in a charge of 80 EUR.
- Each athlete must compete with his/her assigned SIAC. In case of loss or in case SIAC fails to a test (battery or standard test), a replacement unit will immediately be provided at Start call-up.
- Timekeeping will be to 1-second accuracy in all competitions.

22.10 Abandoning (DNF)

- If an athlete abandons a race, he/she must immediately go to the finish area to report and read out the SIAC.

22.11 Bib Numbers

- All athletes must wear their bib numbers at all competitions. The bibs must be worn on the chest and must be entirely visible – they must not be folded or cut. Safety pins will be provided at the accreditation. It is Athletes’ responsibility to reuse the provided safety pins through all the competitions.
- Bib numbers will be provided at the Quarantine area for all races. Bib number distribution instructions are in “Quarantine” section.

22.12 Finish Procedure

- Athletes’ race time will stop when crossing the Finish line. No control flag will be at the Finish line. After crossing the line, athletes enter a restricted-access area for SIAC download and removal of GPS units (in this order). Right after, refreshments are available. -- Team officials are allowed in this area to pick-up athletes after their races. However, we kindly ask that no more than one team official per nation should get to Finish restricted area to avoid overcrowding the place (space limitations and noise limitation). The access to the Finish restricted area for team officials is made from the Team Area.
- From the Finish restricted area, an athlete can follow the tape to the Team Area.

22.13 Complaints

- As soon as the top-10 are decided, provisional results will be displayed on a results board at the Event Office, and the speaker will announce the start of the 15-minute complaint time. The complaints will be issued on paper to the Event Office. After the end of the complaint time, the prize-giving ceremony timing will be announced by the speaker.

22.14 Team Area

- At both arenas, a Team Area is designed with the following characteristics:
 - Only National team members can access the Team Area
 - Large and taped area attached to the Arena – races can be watched from each Team Area
 - Big open space
 - Perfect to cool down after the race
 - Possibility to set national teams' own tents
 - Several big and small tents will be provided
 - Dedicated toilets
 - Dedicated refreshment place

22.15 Other people in the terrain

- None of the competition areas is closed, so there is a chance of meeting other people during the race, especially in sprint courses.
- In the Sprint races, controls will be fully guarded by the organizers.
- Athletes will encounter several cameras with operators in the terrain. Athletes might be followed by “running-cam” operators or drones. It will be possible to find photographers in the terrain.
- In the terrain, connection material may be found, such as cables, antennas, etc. These materials will be securely “packed” and will not hinder the athlete’s advance.
- At all forest stages, in the middle of the competition area, Organizers will place an emergency point operated by “Salvamont” – mountain life rescue. These places will be marked on the map with the “712 First aid post” symbol and runners will encounter there at least 1 terrain vehicle and 1 ambulance. These vehicles are not marked on the map. Besides, there will be first aid points all around the competition area.

22.16 Refreshments

- At the refreshment stations, flat water and Isostar sport drinks will be offered in all forest races.
- Also, there will be water available at Quarantine, Start area, Finish restricted area and Arena. Organizers will not offer any water after call-up.a

22.17 Competition clothing

- There are no special regulations concerning the type of clothing during the competition. However, in the forest races, we strongly recommend athletes to fully cover their legs to protect themselves in green areas. The blackberry bushes have thorns. Athletes should take this into consideration when selecting clothing.
- Note that the steep slopes may be slippery, especially in wet conditions. Athletes are encouraged to take this into account when they choose shoes for the forest races.
- It is not allowed to use shoes with spikes in the Sprint competition and Sprint training areas.

22.18 Embargo

- Entering the competition area is forbidden for Athletes who have finished and for Team Officials, even after the last athlete's finish.
- During competition, National team members are only allowed to be at the Arena, at the Team Area and on the path connecting the Arena to the Bus Stop and/or the Arena to the Parking.

22.19 JWOC and JWOC O-Tour controls

- During JWOC races:
 - only JWOC 2023 controls will be in the competition areas in sprint and long distance races.
 - JWOC 2023 controls and JWOC O-Tour controls will be in terrain during mixed relay, middle distance and forest relay competitions. At these races, the JWOC control codes will be 31-100, while for JWOC O Tour, control codes over 100 will be used. The minimum distance between JWOC controls and JWOC O-Tour controls will comply with the IOF rules.

23. SPRINT – MONDAY 03RD OF JULY

- **Arena location:** Arena Baia Mare, coordinates:[47.647064, 23.571757](#)
- **First Start:** 16h30
Printed Start lists will be delivered at Team Boxes at the Event Center the day before (1 copy per nation).

Quarantine check-in will be made when the competitors take the official buses! Team members presence in the arena before 15:50 is strictly forbidden.

Line	Time	Bib Numbers		Estimated travel time	No. of buses
		M	W		
Line 1	15:00	1-80	1-75	5-8 min	1
	15:50	81-	76-	5-8 min	1
Line 2	15:00	1-80	1-75	5-8 min	1
	15:50	81-	76-	5-8 min	1
Line 3	15:00	1-80	1-75	5-8 min	1
	15:50	81-	76-	5-8 min	1

For more details regarding transportation please follow Transport section, chapter no. 19

Driving to the Arena Baia Mare parking for non competitors, parking coordinates: [47.649054, 23.569492](#). Please drive carefully, respect forbidden areas! **At the sprint TOM, the allowed routes to the Arena will be presented!**

Parking place to Arena: walking distance 200 meters. The way from parking to Arena will be not marked, Arena is in the neighborhood.

Quarantine area to Arena for team leaders: please follow the arrows to the Arena, walking 5-8 min.

When you return to the accommodation places the forbidden areas must be respected !

Map & terrain

- **Map** made by Ionut Zinca, during 2022-2023, using the latest IOF specifications. There is an old map of the area, made in 2018 ISSprOM2018
- **Map scale:** 1:4 000, contour interval: 2,5 meters
- **Warm up map:** will be available in the Quarantine area.

Specific terrain and mapping characteristics:

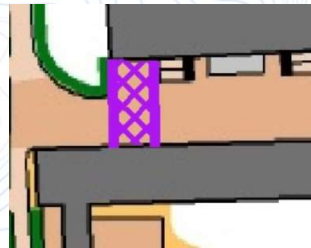
- The area is very runnable, about 85-90 percent is running on pavement.
- There are many areas with hedges. They are generally impassable, and they are drawn on the map accordingly. In some areas, there are passages through these hedges, as shown on the map.
- In some areas, there are methane gas pipes, not shown on the map. They are painted yellow, you can jump or step on them, they are about 40 cm high

- The **601** Magnetic north lines are blue.
- "**Green areas**": The darkest vegetation symbol (411 Uncrossable vegetation) will not be used.
- "**Olive green**" areas: will be present on the map, you must respect them. There are no unclear olive areas, they are clearly delimited by fences or hedges. In very few cases there are unfenced flowerbeds. For safety, they will be surrounded by the official JWOC 2023 plastic tape.
- **Artificial barriers on roads:** If existing, Sprint artificial barriers will be mapped using "708 Out-of-bounds boundary" symbol and, to increase awareness, "709 Out-of-bounds area" will be used. On the terrain, athletes can expect official personalized tape (to increase visibility). Below it is shown an example for this official personalized tape. Athletes must visit the model event for the Sprint, where such situation will be demonstrated.

Official plastic tape for JWOC 2023



Example of artificial barriers on roads -mapped (if existing)



Special features:

- **Permanent or temporary terrace, or garbage platform** – they will be drawn on maps as forbidden areas



- **Hydrant or sewer manhole**



• Prominent man-made features :



statues



flags support



exposed car



Static construction
commercial



520. Olive green – not
delimited by fences or
hedges

- Not on the map



Gas pipe - Not mapped

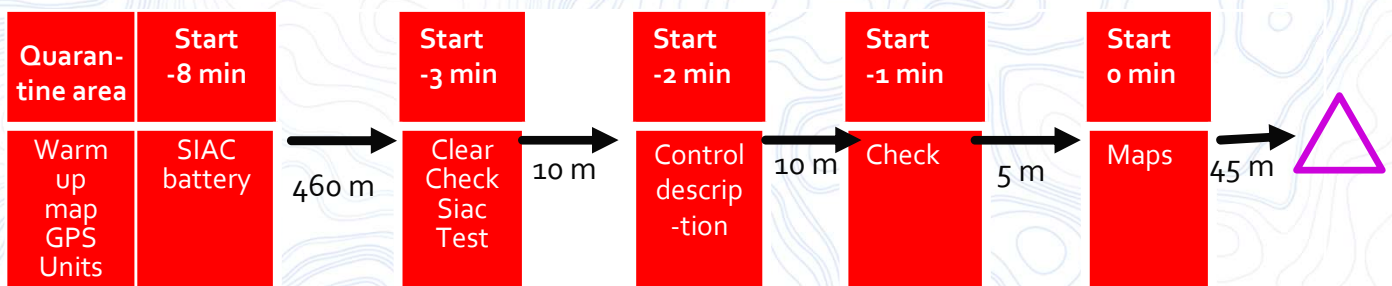
Courses

Competition	Class	Winning time	Length	CP	Climb	Scale
Sprint	W20	14 min	3.800 m	23	5 m	1:4000/5m
	M20	14 min	4.300 m	28	10 m	

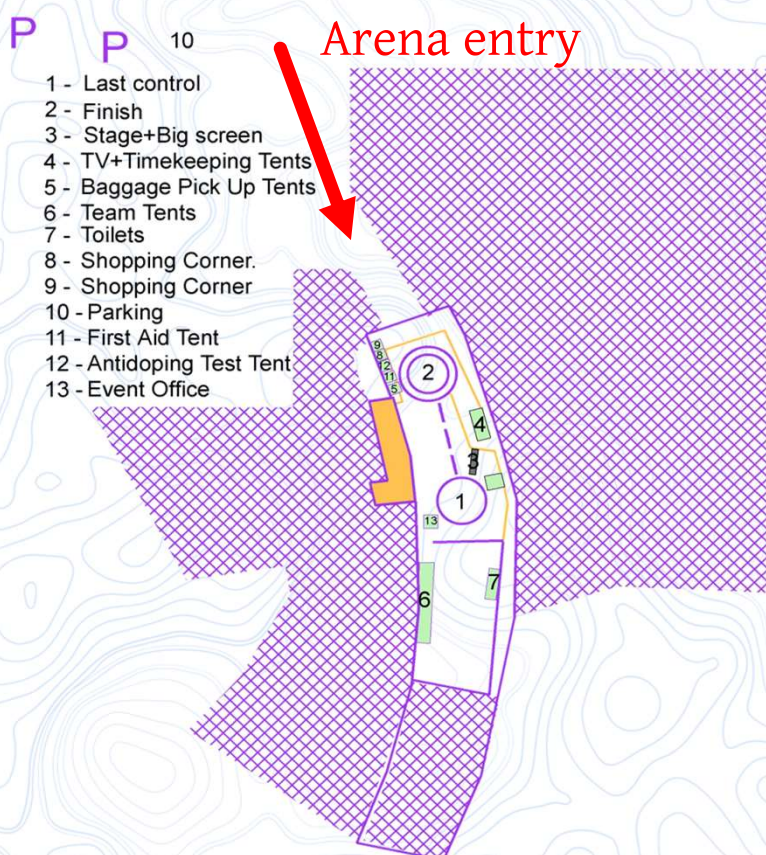
No refreshment controls on the sprint courses

- **Course setting:** Ionuț Zincă
- **Maximum running time:** 50 minutes
- **Course specific characteristics:** between 85 and 90% of running distance will be on paved surface.
- **Control description size:** Women = 15,5 cm * 5,5 cm | MEN = 16 cm * 5,5 cm
- **Map size:** 24,5 cm * 28,5 cm
- **Traffic:** The roads in the competition area are not closed, however the traffic will be restricted by Police officers. The major traffic roads will be closed for car traffic.
- Cars driven by the local residents may be encountered. Residents, the general public and others can walk freely in the area. It is athletes' own responsibility to keep an eye on the traffic.
- **Staff members in the terrain:** All Sprint controls will be guarded. Places where runners might cross forbidden areas (example: "515 Uncrossable wall", "518 Uncrossable fence or railing", "520 Area that shall not be entered") will be guarded and crossing such places will lead to disqualification.
- only JWOC 2023 controls will be in the competition area during the sprint race.

Start procedure scheme



Arena Baia Mare – Sprint race



24. SPRINT RELAY – TUESDAY 04TH JULY

- **Arena location:** Arena Baia Mare, coordinates:[47.647064, 23.571757](#)
- No official transport will be provided for this stage, for more details please follow chapter no. 19 – Transport section. You can access the arena walking or by car.
- Driving to the Arena Baia Mare, parking coordinates: [47.649054, 23.569492](#). Please drive carefully, respect forbidden areas! **At the sprint relay TOM, the allowed routes to the Arena will be presented!**
- Parking place to Arena: walking distance 200 meters. The way from parking to Arena will be not marked. The Arena is in the neighborhood.
- **First Start:** 16:30
- Printed Start lists will be delivered at the Team Boxes at the Event Center after morning's TOM .
- **Quarantine check-in will be made when the competitors enter the quarantine area, no later than 16.15!**

Map & terrain

- **Map made** by Ionut Zinca, during 2022-2023, using the latest IOF specifications. There is an old map of the area, made in 2015, also available on the JWOC website. ISSPROM2015
- **Map scale:** 1:4 000, contour interval: 5 meters
- **Warm up map:** will not be available.
- **Course setter:** Tamas Bogya

Specific terrain and mapping characteristics:

- The area is very runnable, about 80-85 percent of it is run on hard surface.
- There are many impassable fences on the map, athletes must respect the symbol. There will be many organizers in the competition area and they will supervise any violations of the regulations.
- In some areas there are natural gas pipes, not shown on the map. They are painted yellow, you can jump or step on them, they are about 40 cm high.
- The **601 Magnetic north lines** are blue.
- **"Green areas"**: The darkest vegetation symbol (*411 Uncrossable vegetation*) will not be used.
- **"Olive green"** areas: will be present on the map, you must respect them. There are no unclear olive areas, they are clearly delimited by fences or hedges. In very few cases there are unfenced flowerbeds. For safety, they will be surrounded by the official JWOC 2023 plastic tape.
- **Artificial barriers on roads**: If existing, Sprint artificial barriers will be mapped using "708 Out-of bounds boundary" symbol and, to increase awareness, "709 Out-of-bounds area" will be used. On the terrain, athletes can expect official personalized tape (to increase visibility). Below it is shown an example of this official personalized tape. Athletes must visit the model event for the Sprint, where such situation will be demonstrated.

Official plastic tape for JWOC 2023



Special features and example of artificial barriers on roads -mapped (if existing)

- Same like in sprint map

Courses

Competition	Class	Winning time	Lenght	CP	Climb	Scale
Sprint	WM20	50'	3.120 m	17	10 m	1:4000/5m
relay			3.490 m	18	10 m	

No refreshment controls on the sprint relay courses

- **Course setting:** Tamas Bogya
- **Maximum running time:** 100 minutes
- **Course specific characteristics:** between 80 and 85% of running distance will be on paved surface.
- **Map size:** A4, 21 cm * 29,7 cm
- **Traffic:** The roads in the competition area are not closed, however the traffic will be very limited by Police officers. The main boulevard will be closed for car traffic.

- Possible moving vehicles will be mainly by local residents. Residents, the general public and others can walk freely in the area. It is the athlete's own responsibility to keep an eye on the traffic.
- Staff members will be in the terrain: All Mixed Relay controls will be guarded. Places where runners might cross forbidden areas (example: "515 Uncrossable wall", "518 Uncrossable fence or railing", "520 Area that shall not be entered") will be guarded and crossing such places will lead to disqualification.
- JWOC 2023 controls and JWOC O-Tour controls will be in the terrain during the mixed relay and middle distance competition. The JWOC control codes will be 31-100, while for JWOC O Tour, control codes over 100 will be used. The minimum distance between JWOC controls and JWOC O-Tour controls comply with the IOF rules.

Start procedure scheme

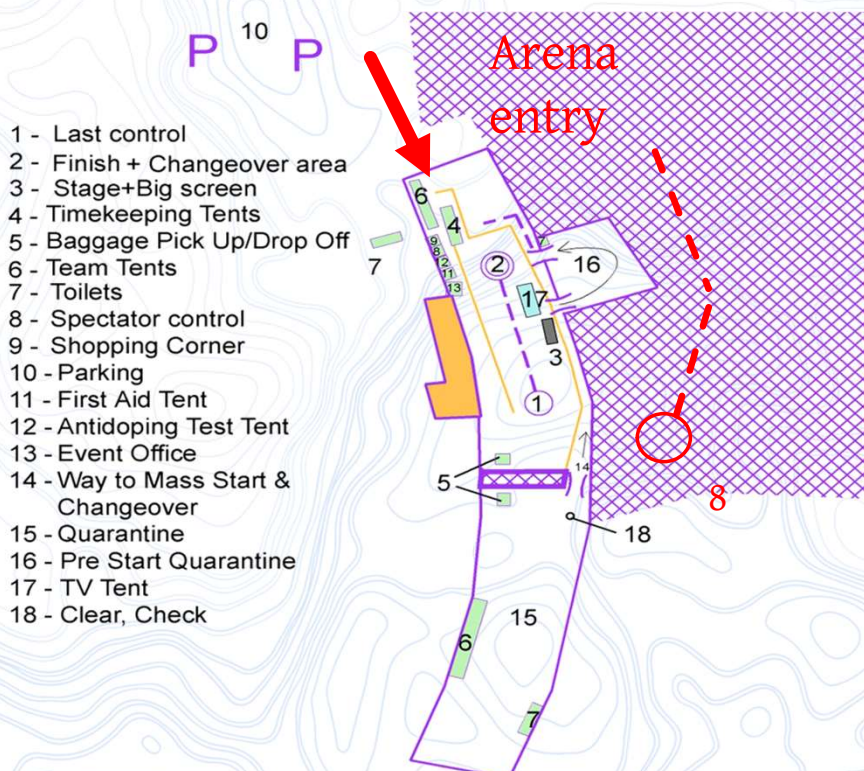
First Leg

- The start will be in the Arena, the athletes will be lined up with 8 athletes in a row, in the order of the starting numbers. The starting numbers will be given according to last year ranking from JWOC 2022, the first numbers will be given to the No. 1 relays from each country. Ex 1. NOR 1, 2. Hun 1. 3. CZE 1 etc. After all No. 1 relays have received numbers, No. 2 relays will follow in the same order. Ex 35. NOR 2, 36. Hun 2., 37. CZE 2, etc.
- The start will be given by the speaker in the arena.

Legs 2, 3 and 4:

- The athletes will wait for their teammates in the quarantine area. The courses also include an arena passage, located approximately halfway along the route. From this moment, the competitor can enter the changeover area and take his own map from the map panel, according to the bib number. The map is rolled up and secured with an elastic band. After making the change, the athlete can remove the elastic and unfold the map.
- The changeover can be done exclusively by direct touch between the finishing and starting legs.
- More details regarding changeover will be present in TOM

Arena Baia Mare Mix Relay – General scheme



25. MIDDLE DISTANCE – WEDNESDAY 05TH JULY

- **Arena location:** Arena Cavnica, coordinates: [47.626862, 23.809808](https://www.google.com/maps/place/47.626862,23.809808)
- **First Start:** 09:00
- Printed Start lists will be delivered at Team Boxes at the Event Center the day before, after TOM (1 copy per nation).
- **Quarantine check-in will be made when the competitors take the official buses!. Team members presence in the arena before 8:50 is strictly forbidden!**
- The official buses will start according to the following schedule:

Line	Time	Bib Numbers		Estimated travel time	No. of buses
		M	W		
Line 1	7:00	1-90	1-90	45 min	2
	08:50	91-	91-	45 min	2
Line 2	7:00	1-90	1-90	45 min	1
	08:50	91-	91-	45 min	1
Line 3	7:00	1-90	1-90	45 min	2
	08:45	91-	91-	45 min	2

For more details regarding transport, please follow Transport section, chapter no. 19

- Driving Baia Mare – Arena for non competitors, 25 km (35 min driving), parking coordinates: [47.626702, 23.807917](https://www.google.com/maps/place/47.626702,23.807917)
- Parking place to Arena: walking distance 300 meters, 20 m climb. The way from parking to Arena will be not marked, the Arena is in the neighborhood.
- The official buses will have an optional station on the arena - only for team leaders or non competitors who want to go directly to the Arena.

Courses

Competition	Class	Winning time	Length	CP	Climb	Scale
Middle Distance	W20	23 min	4.000 m	14	130 m	1:10.000/5m
	M20	24 min	4.900 m	18	155 m	

One refreshment control on the middle distance courses

- **Course setting:** Tamas Bogya
- **Maximum running time:** 80 minutes
- **Course characteristics:** The area has moderate to high climb and few large open areas. The vegetation is complex, from runnable terrain to hard-to-cross thickets or fallen trees. There is no aggressive or hanging type vegetation. Runnability and visibility varies a lot from place to place, it varies from very easy to very difficult. Stones and rocks are present, but in moderate quantity. The terrain has some areas with micro landforms, but also very steep valleys. Path network is various.

- JWOC 2023 controls and JWOC O-Tour controls will be in terrain during the mixed relay, middle distance competition. The JWOC control codes will be 31-100, while for JWOC O Tour, control codes over 100 will be used. The minimum distance between JWOC controls and JWOC O-Tour controls will comply with the IOF rules.
- **Control description size:** Women = 15,5 cm * 5,5 cm | MEN = 16 cm * 5,5 cm
- **Map size:** A4, 21 cm * 29,7 cm
- **Staff members in the terrain:** All middle controls will be guarded, the first aid and rescue team members will be in area.

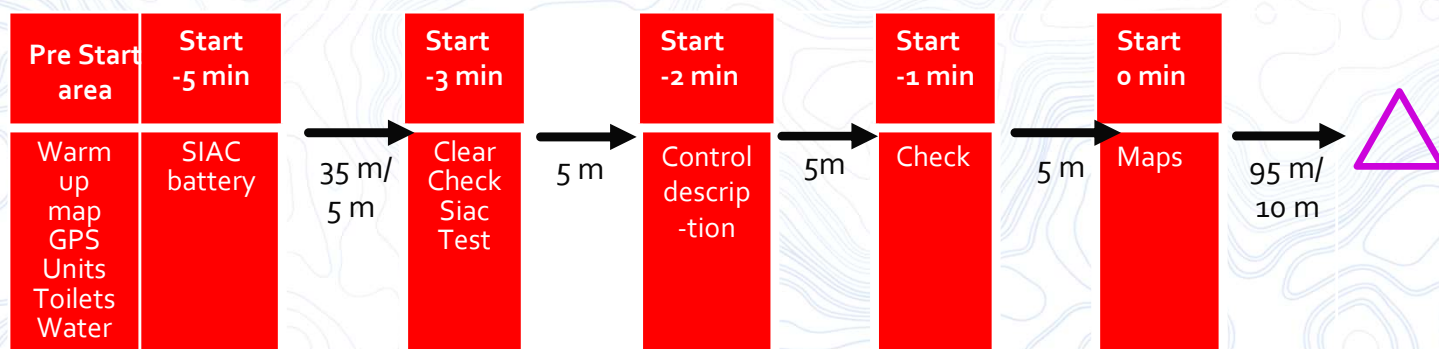
Quarantine Area

- The Quarantine area consists in a theatre/concert hall. Here you will find many chairs, possibility to rest. There are spaces where competitors can use their own mats. Competitors will have water, fruits, coffee available. The toilets are located inside the quarantine area, both inside and outside (ecological toilets).
- From the quarantine, competitors and officials can go to the pre-start area only with the organizers minibuses, driving time 10-12 min. The schedule of these minibuses will be displayed at the quarantine location.
- Drop off baggage area will be both in the quarantine area and in the pre-start area.

Pre Start Area

- It is located about 10 minutes from the quarantine area, but each competitor will arrive at the pre-start at least **50 minutes** before his start.
- Baggage drop off will be both in the quarantine area and in the prestart area.
- Warm up map will be available in the pre-start area.
- Toilets and water will be available in the Prestart Area.

Start procedure scheme



Special features:



11 Information panel



11 Small temporary construction



1 Cross



521 Overturned log



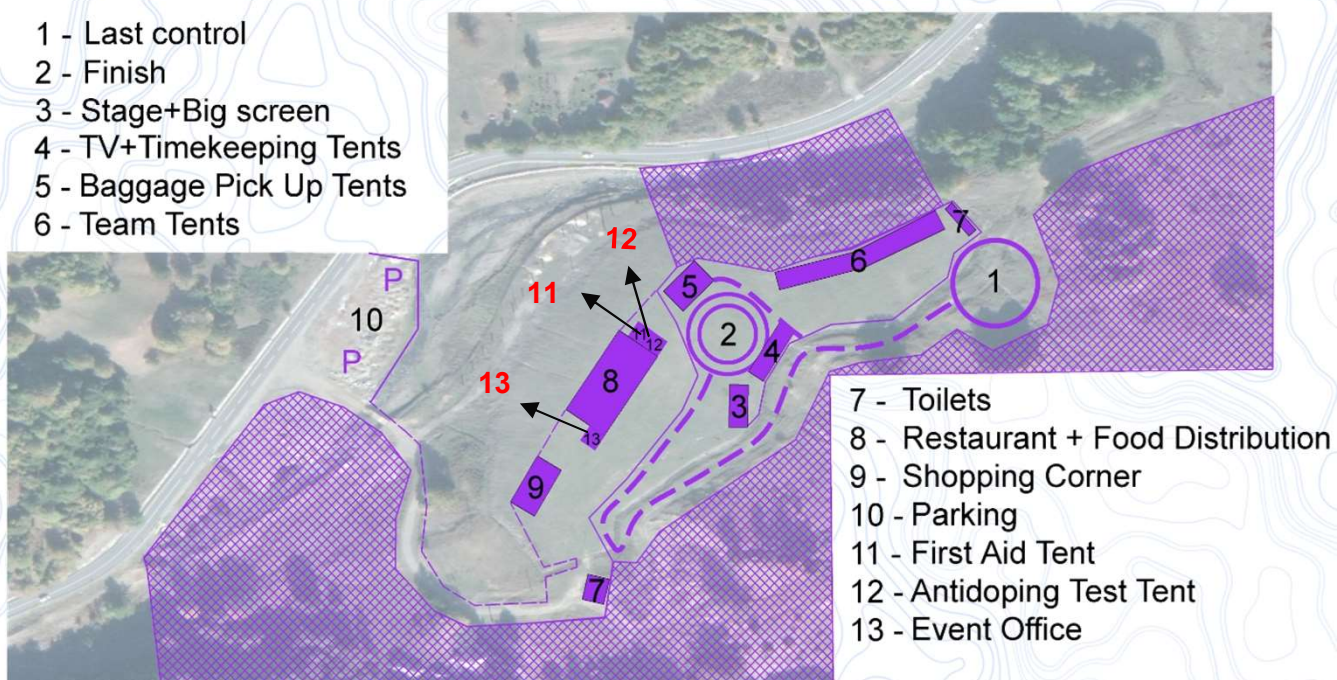
11 Bench, table



189 Charcoal stove-terrace



Cavnic Arena – Middle Distance general scheme



26. LONG DISTANCE – FRIDAY 07TH JULY

- **Arena location:** Arena Cavnic, coordinates: [47.626862, 23.809808](https://www.google.com/maps/place/47.626862,23.809808)
- **First Start:** 09h00
- Printed Start lists will be delivered at the Team Boxes at the Event Center the day before, after TOM (1 copy per nation).
- **Quarantine check-in will be made when the competitors take the official buses! Team members presence in the arena before 8:50 is strictly forbidden!**
- The official buses will start according to the following schedule:

Line	Time	Bib Numbers		Estimated travel time	No. of buses
		M	W		
Line 1	7:00	1-90	1-90	45 min	2
	08:50	91-	91-	45 min	2
Line 2	7:00	1-90	1-90	45 min	1
	08:50	91-	91-	45 min	1
Line 3	7.00	1-90	1-90	45 min	2
	08.45	91-	91-	45 min	2

For more details regarding transport please follow Transport section, chapter no. 19

- Driving Baia Mare – Arena for non competitors, 25 km (35 min driving), parking coordinate: [47.626702, 23.807917](#)
- **Parking place to Arena:** walking distance 300 meters, 20 m climb. The way from parking to Arena will be not marked, Arena is in neighborhood.
- The official buses will have a optional station on the arena - only for team leaders or non competitors who want to go directly in Arena.

Courses

Competition	Class	Winning time	Lenght	CP	Climb	Scale
Long	W20	62 min	7.800 m	17	310 m	1:15.000/5m
Distance	M20	70 min	10.700 m	23	585 m	

There will be three refreshment controls on the long distance on each course

- **Course setting:** Ionut Zinca
- **Maximum running time:** 180 minutes
- **Course specific characteristics:** The area has moderate to high climb and few large open area in the forest. The vegetation is complex, from runable terrain to hard-to-cross thickets or fallen trees. There is no aggressive or hanging type vegetation. Runnability and visibility varies a lot from place to place, it varies from very easy to very difficult. Stones and rocks are present, but in moderate quantity. The land has some portions with microrelief but also very steep valleys. Path network is various.
- **Map size:** A4, 21 cm * 29,7 cm
- **Control description size:** Women = 16,5 cm * 5,5 cm | MEN = 20 cm * 5,5 cm
- **Staff members in the terrain:** All long distance controls will be guarded, the first aid and rescue team members will be in area.

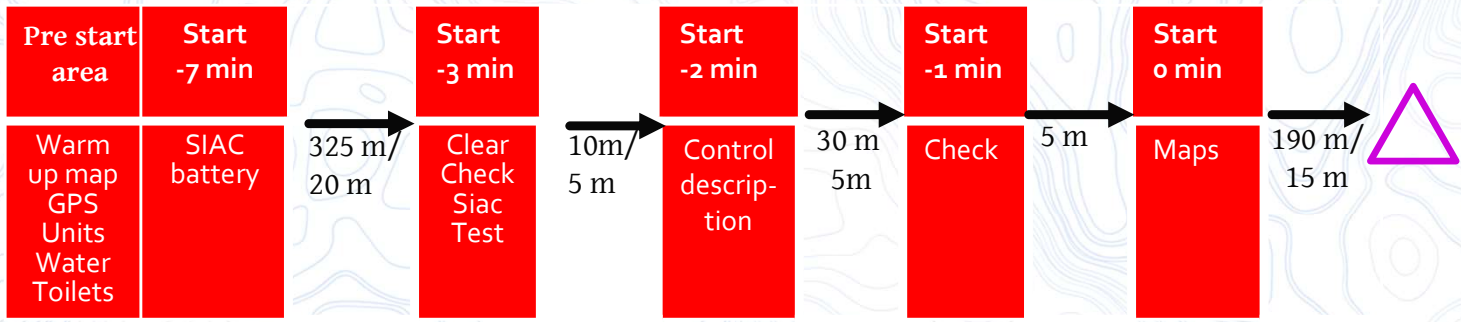
Quarantine Area

- Quarantine area consists in a theatre/concert hall. Here you will find many chairs, possibility to rest. There are spaces where competitors can use own mats. Competitors will have available water, fruits, coffee. The toilets are located inside the quarantine area,, both inside and plastic ecological outside.
- From the quarantine, competitors and officials can go to the pre-start area only with the organizers' minibuses, driving time 10-12 min. The schedule of these minibuses will be displayed at the quarantine location.
- Drop off baggage area will be both, in the quarantine area and in the pre-start area.

Pre Start Area

- It is located about 10 minutes from the quarantine area, but each competitor will arrive at the pre-start at least **50 minutes** before his start.
- Baggage drop off will be both in the quarantine area and in the prestart area.
- Warm up map will be available in the pre-start area.
- Toilets and water will be available in the Prestart Area.

Start procedure scheme



Special features:



11 Information panel



11 Small temporary construction



11 Bench, table



1 Cross



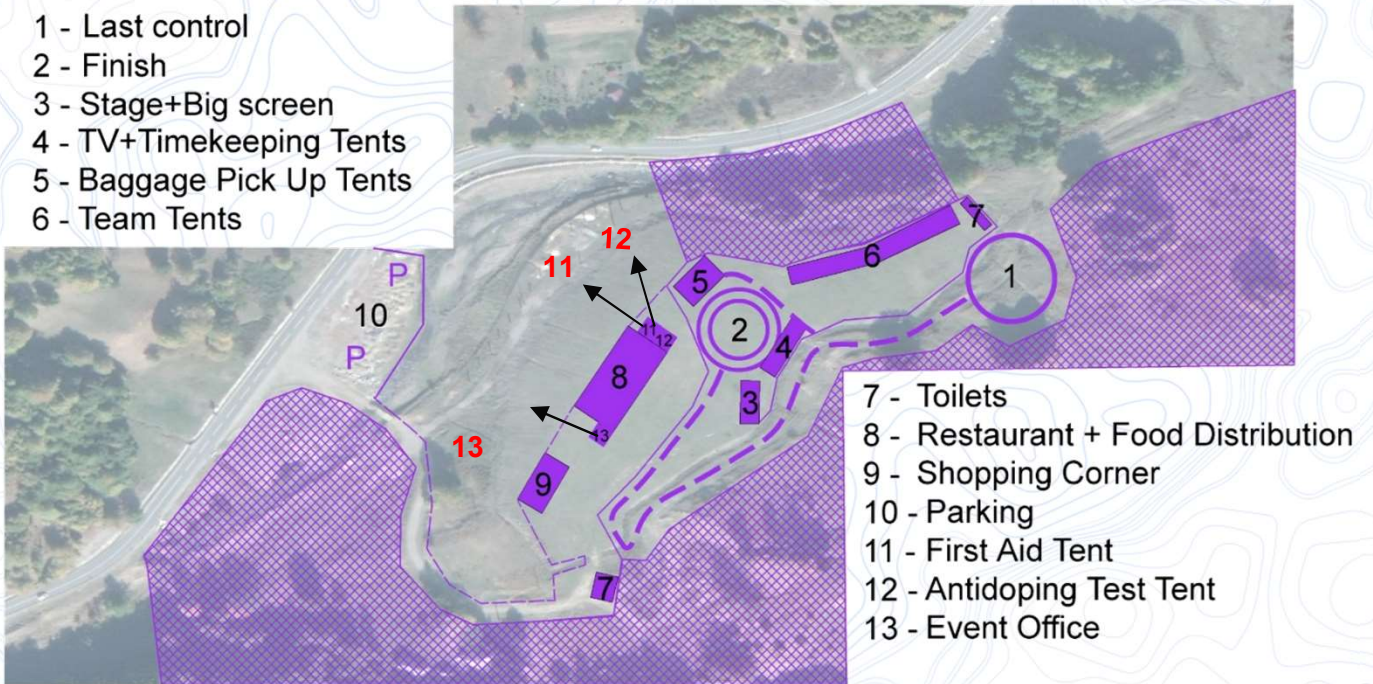
521 Overturned log



189 Charcoal stove-terrace

Cavnic Arena – Long Distance general scheme

- 1 - Last control
- 2 - Finish
- 3 - Stage+Big screen
- 4 - TV+Timekeeping Tents
- 5 - Baggage Pick Up Tents
- 6 - Team Tents



27. FOREST RELAY- SATURDAY 08TH JULY

- **Arena location:** Arena Cavnic, coordinate: [47.626862, 23.809808](#)
- **First Start:** 09h00
- Printed Start lists will be delivered at Team Boxes at the Event Center the day before, after TOM (1 copy per nation).
- The official buses will start according that schedule:

Line	Time	Bib numbers	Travel time	Buses
Line 1	7.45	All legs man, woman	40 min	2
Line 2	7.45	All legs man, woman	40 min	2
Line 3	7.40	All legs man, woman	40 min	2

For more details regarding transport please follow Transport section, chapter no. 19

- You can drive your own cars, Baia Mare – Arena Cavnic: 25 km (35 min driving), parking coordinate: [47.626702, 23.807917](https://www.google.com/maps/place/47.626702,23.807917)
- Parking place to Arena: walking distance 300 meters, 20 m climb. The way from parking to Arena will be not marked, Arena is in neighborhood.

Courses

Competition	Class	Winning time	Lenght	CP	Climb	Scale
Relay	W20	90 min/team	4.120 m/leg	15	250 m	1:10.000/5m
	M20	95 min/team	5.500 m/leg	21	285 m	

One refreshment control on each forest relay course

- **Course setting:** Tamas Bogya
- **Maximum running time:** 180 minutes/team
- **Course specific characteristics:** The area has moderate to high climb and large open area. The vegetation is complex, from runnable terrain to hard-to-cross thickets or fallen trees. There is no aggressive or hanging type vegetation. Visibility is very good in first part, runnability varies a lot from place to place, it varies from very easy to very difficult. Stones and rocks are present, but in moderate quantity. The land has some portions with microrelief but also very steep valleys. Path network is various.
- **Map size:** A4, 21 cm * 29,7 cm
- Staff members in the terrain: All relay controls will be guarded, the first aid and rescue team members will be in area.
- JWOC 2023 controls and JWOC O-Tour controls will be in terrain during mixed relay, middle distance competition. JWOC control codes will be 31-100, while for JWOC O Tour, control codes over 100 will be used. The minimum distance between JWOC controls and JWOC O-Tour controls will comply with the IOF rules.

Quarantine Area

- **Quarantine area is situated in Arena's neighborhood and all the competitors must be there before 09:15!** Here you will find some tents, ecological toilets. There are spaces where competitors can use own tents or mats. Competitors will have available water and fruits.
- Quarantine area offers a good visibility of the athletes in race.
- Drop off baggage area will be in the quarantine area.
- Warm up map will not be available in the quarantine area.

Start procedure scheme

First Leg

- The start will be in the Arena, the athletes will be lined up with 8 athletes in a row, in order of starting numbers. The starting numbers will be given according to last year's ranking from JWOC 2022, the first numbers will be given to the No. 1 relays from each country. Ex 1. NOR 1, 2. Hun 1. 3. CZE 1 etc. After all No. 1 relays have received numbers, will follow No. 2 relays in the same order. Ex 35. NOR 2, 36. Hun 2., 37. CZE 2, etc.
- The start will be given by the speaker in the arena.

Legs 2 and 3:

- The athletes will wait for their teammates in the quarantine area. The courses also include an arena passage, that it is located approximately 2/3 along the route. From this moment, the competitor can enter the exchange area and will take his own map from the map panel, according to the bib number. The map is rolled up and secured with an elastic band. After making the change, the athlete can remove the elastic and unfold the map.
- The changeover can be done exclusively by direct touch between the finishing and starting legs.
- More details regarding changeover will be present in TOM

Special features:



11 Information panel



11 Small temporary construction



11 Bench, table



1 Cross

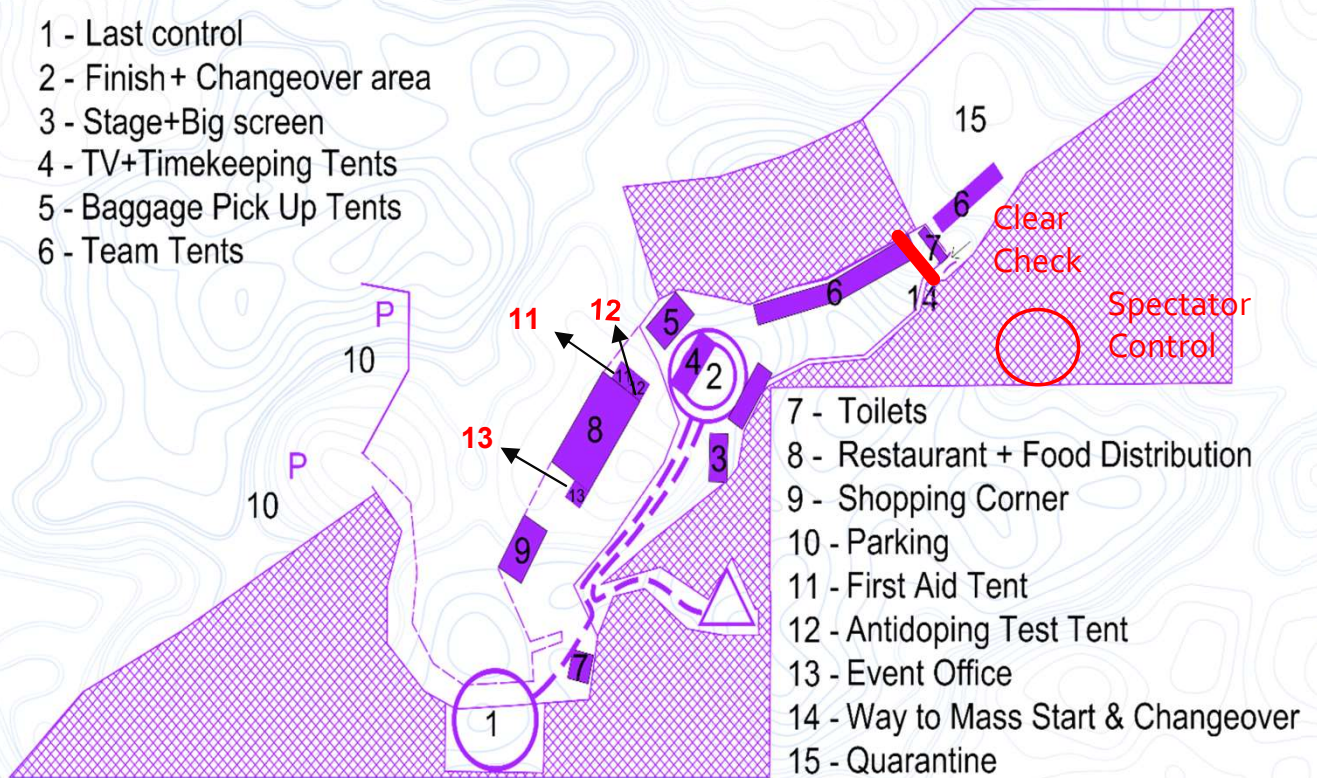


521 Overturned log



189 Charcoal stove-terrace

Cavnic Arena – Forest Relay general scheme



28. FOOD AT THE FOREST ARENA

There will be a restaurant service at the arena where team members will have their lunch meals after forest races only (Middle, Long and Relay). **Each official accommodation will deliver the food to the arena in casseroles.**

Other National teams who want to have their lunch meals at the arena will need to book it several days in advance. Booking of meals at the arena restaurant will be done via info@jwoc2023.ro.

If a team does not book the lunch packs in advance, it will still be possible to buy them directly at the arena restaurant, however it will be more expensive and **depending on availability.**

Lunch pack price: 9 €

When buying a lunch pack, you'll be ordering: 1 soup, 1 main dish, 1 piece of fruit or sweet dessert, 1 bread & 1 bottle of water.

Window for booking arena lunch packs : 1st - 30th of June

29. SPECTATORS AND JWOC O-TOUR

The organizing committee of JWOC 2023 wants to organize a memorable week not only to national team members but also to all spectators. To do so, we will organize the JWOC TOUR, so visitors can both watch the best juniors in the World and compete in the very same areas as the juniors did.

We will organize 5 races (1 long, 2 middle and 2 sprint). More information is available on <https://www.jwoc2023.ro/#> JWOC O-Tour Section. Besides Orienteering, we recommend exploring the land. The city of Baia Mare and the Maramures county have an exceptional cuisine. There are also several monuments and attractions to visit in the area.

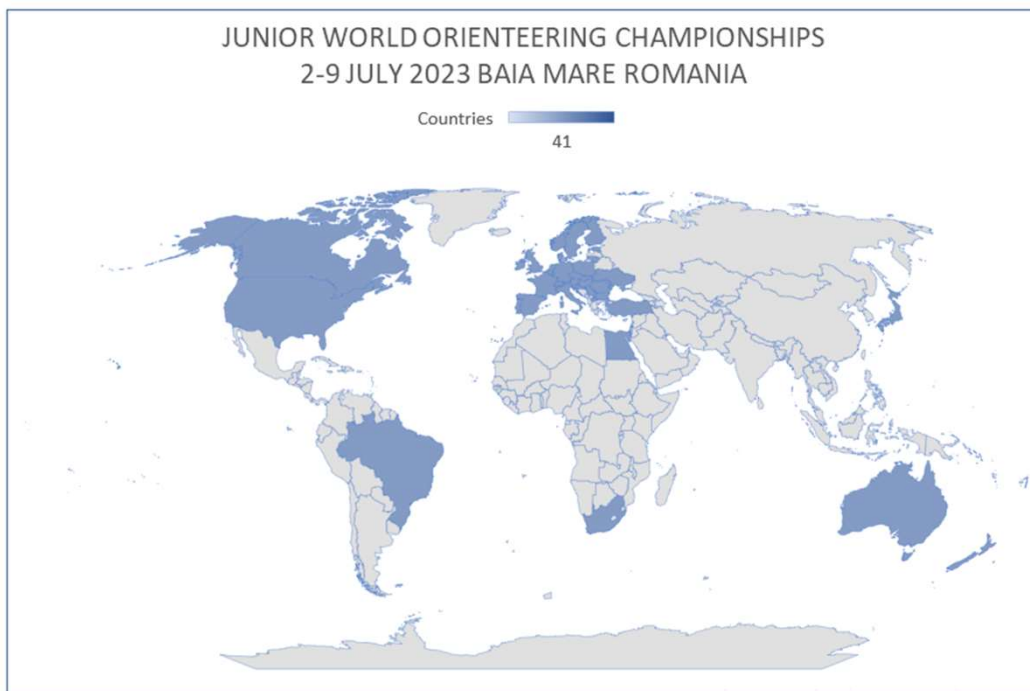


<https://www.visitmaramures.ro/en>

30. FINAL ENTRIES

JUNIOR WORLD ORIENTEERING CHAMPIONSHIPS 2-9 JULY 2023 BAIA MARE ROMANIA

Countries  41



Federation	Women 20	Men 20	Team Officials	Total
Australia	6	6	3	15
Austria	4	6	3	13
Belgium	3	6	2	11
Brazil		1		1
Bulgaria	5	5	2	12
Canada		3	1	4
Croatia	3	2	1	6
Czechia	6	6	4	16
Denmark	6	6	4	16
Egypt	2	2	1	5
Estonia	4	6	1	11
Finland	6	6	3	15
France	6	6	3	15
Germany	4	5	2	11
Great Britain	6	6	4	16
Hong Kong China	5	5	3	13
Hungary	6	6	4	16
Ireland	1	3	1	5
Israel		2	1	3
Italy	3	4	2	9
Japan	6	6	4	16
Latvia	6	5	4	15
Lithuania	4	4	1	9
Moldova, Republic of	2	2		4
Netherlands	1	1		2
New Zealand	6	6	3	15
North Macedonia	1		1	2
Norway	6	6	3	15
Poland	2	5	3	10
Portugal	3	3	1	7
Romania	6	6	2	14
Serbia	2	2	2	6
Slovakia	2	6	2	10
Slovenia	2	2	1	5
South Africa	1	2	1	4
Spain	4	4	2	10
Sweden	6	6	4	16
Switzerland	6	6	4	16
Turkiye	3	3	2	8
Ukraine	5	6	1	12
United States	6	5	4	15
Sum	156	178	90	424

THANKS TO

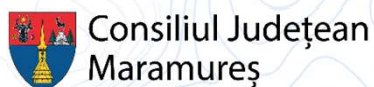
Main sponsors



Organisers



AGENȚIA NAȚIONALĂ
PENTRU SPORT



Partners



INSPECTORATUL ȘCOLAR
JUDEȚEAN MARAMUREȘ



autobecoro





FLORĂRIA LAURA
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[jwoc2023](https://www.instagram.com/jwoc2023)

JWOC

Junior World Orienteering Championships
Romania, Baia Mare

