



KWAK CZECH O-TOUR 2024

Mirakulum

24 March 2024

World Ranking Event

Bulletin 2

The event is organized under the auspices of the town of Milovice

The start of the 3rd Czech O-Tour season is coming.

3 extremely interesting locations

3 sprints, 3 longs and 3 middle courses

We start in Milovice where two opening stages await you. The sprint in the amusement park will certainly be exciting. Unfortunately, we can't fit two relevant stages in here, so we've included a part of the suburban forest with a number of contour shapes.

We look forward to seeing you!

Organizers from the Czech Orienteering Federation, Běhej Poděbrady (PDY) and Klub dobré zprávy Lysá nad Labem (KDZ)

News 2024

We have prepared a number of new features for 2024. We have listened to the voices of many of you, we have learned from last season and we want to take the „Czech O-Tour cruise ship“ one step further.

Without a bib

We present ourselves to be as sustainable as possible, so there will be no bib for any competitors this year. So you don't have to go to the presentation or stress about dropping yours during the race.

Accompanying program

Fun program for the youngest children with Str8, Sporticus labyrinth, crypto game with Cryptomania, Kubík's kindergarten and much more. We want you to enjoy the Czech O-Tour, and not only on the course. In the next part of the bulletin you will find out what we have prepared for you.

Prizegiving and raffle

In categories HDR, HD10L and DH10 we announce all competitors who were not disqualified. Besides the prizegiving there will be a raffle for very valuable prizes.

Club competition

We have modified the evaluation of Club competition. The best 12 results of one club member across 9 categories are now counted. At the same time we have prepared very interesting prizes mostly for all scorers.

Central National controller

All competitions have the same National Controller (or a Main Referee, if you like) who should set the same level of quality for all competitions and categories. The emphasis on the sportive aspects is the absolute alpha and omega of all our efforts.



Venue: Mirakulum (Milovice)

Transport and parking

Where am I going and where do I park?

To the Mirakulum amusement park in Milovice! The competition arena including parking is at the edge of the venue (GPS: [50.2402 N, 14.8584 E](#)). Follow the instructions of the parking service.

Attention! Access from the direction of Prague / Hradec Králové / Lysá n. Labem is possible only from the D11 motorway. From the direction of Liberec (exit 27 on the D10 motorway) it is not possible to go directly to Milovice and it is necessary to take a detour, see the traffic plan.

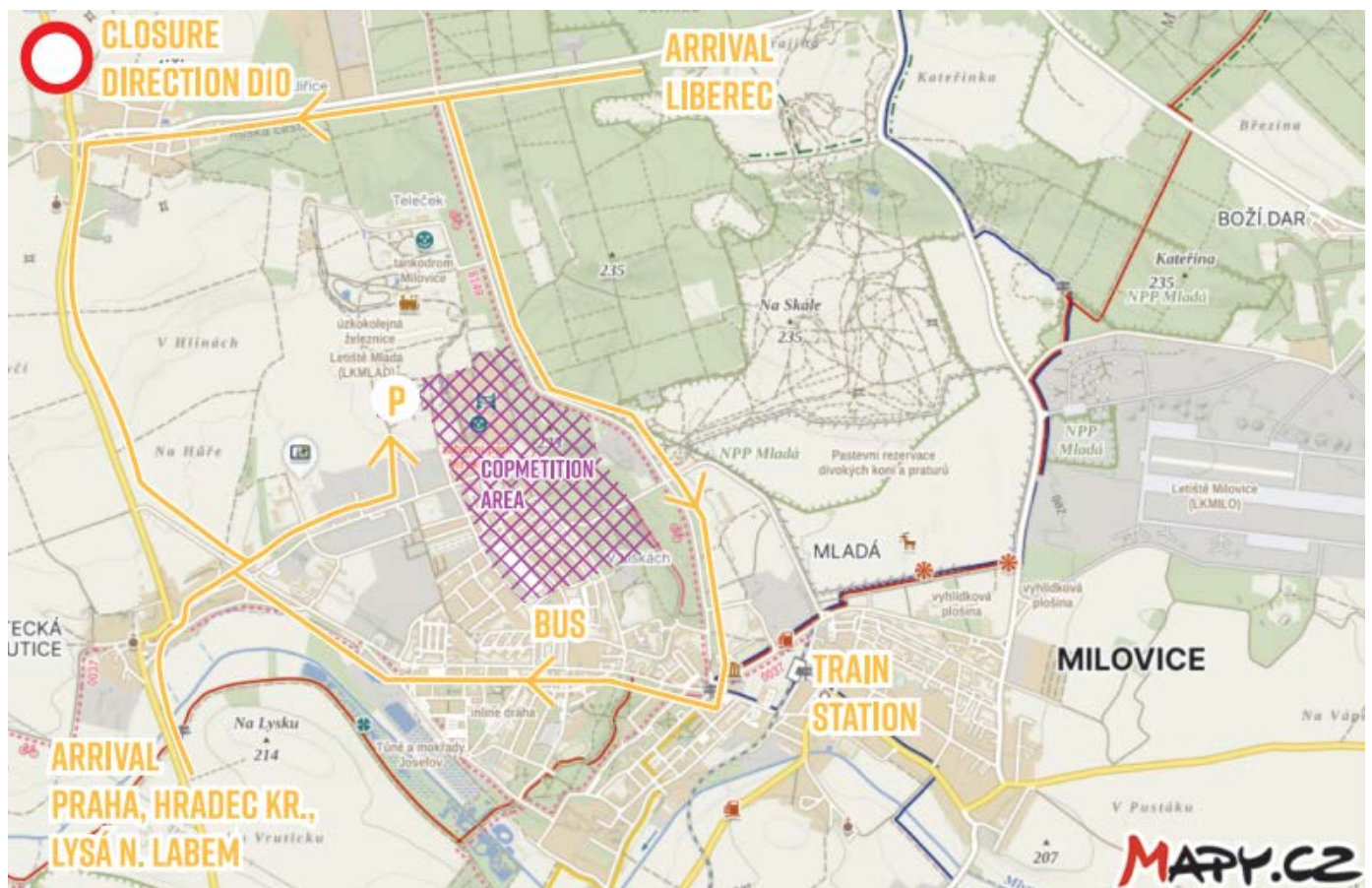
We would like to reduce the number of cars that come to the event and help our air a little bit. At the same time, you can use the [carpooling table](#) to list available spots or request a spot in a car.

Come by train or bus!

Don't hesitate to come by train to Milovice (from Prague Masarykovo n. 7:20, 7:50, 8:20 and 8:50), from there you can walk or take a bus. You can also take a bus to the event with a change in Lysá nad Labem.

If you take the bus, please get off at the bus stop Milovice, Industrial Zone (direction from Benátky n J.) or Milovice, Sportovní (direction from the railway station). Then walk along Topolová or Tyršova streets.

The Milovice, Park Mirakulum bus stop is located in the competition area, so don't spoil your experience by unwittingly visiting it beforehand. See competition area on the map below.



Do I have to go to the event office?

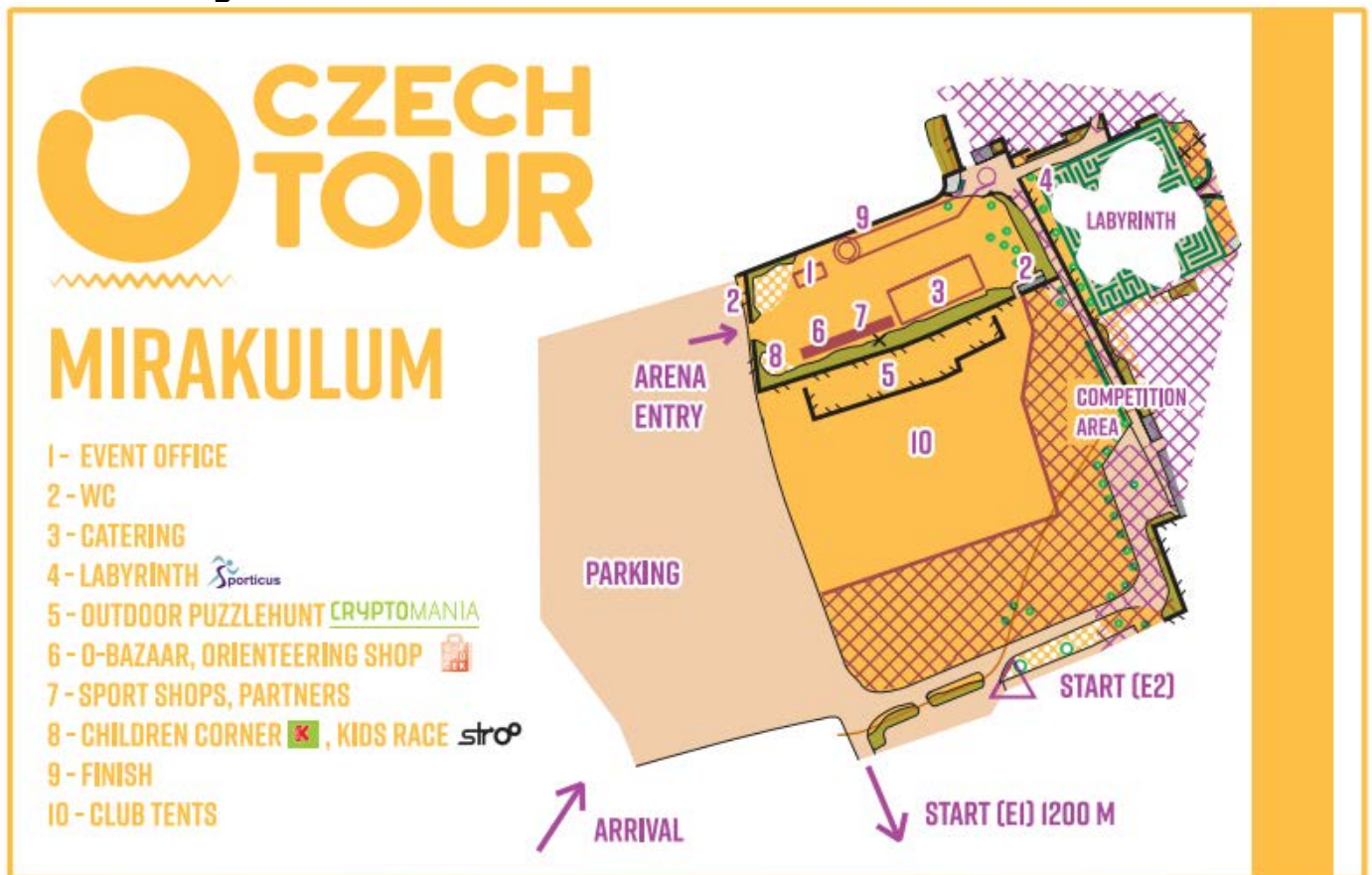
No, anyone who has paid properly and does not want any change or to borrow a chip does not need to attend the event office. Any overpayments will be credited back to your account after the event. Download the documents from IS ORIS. Confirmed proof of payment will be sent upon request (info@o-tour.cz).

Can I or my mates go to the amusement park?

In order to maximize the number of entries who can compete at the event, we have decided as follows:

- During the day, it is strictly forbidden to enter the area of the Mirakulum theme park, except when the athlete is on the course.
- The only exception is the labyrinth near the arena, which is used for the accompanying „Sporticus labyrinth“ race - be careful not to run out of it into the competition area.
- You can enter the amusement park without restrictions from 17:00 and you will be able to try all the attractions (except the water world) until 18:45. After that the park will be closed.

What's waiting for me in the arena?



Control descriptions

Self-service at the assembly point by category (except for MW21 and HD21E; they are in the second cell of the starting corridor); they are also printed on the map. The loose descriptions will have a different colour for each of the stages.

Kubík's Kindergarten

In the event arena for the necessary time when the parents are racing, see the plan. There will be a small race. All participants can look forward to a nice gift from the mascot Kubik.



Str8 Adventure race for little ones (suitable for children 2+)

In the immediate vicinity of the kindergarten there will be an adventure orienteering race for the youngest children with their parents. There will be challenges inspired by the heroes of the popular series, visibility from a control to the next one, and a small reward for everyone at the finish line.

- Bring your own SI card, limited rentals will be available.
- The race can be completed once throughout the day (9:00 - 17:00). One minute start interval.

Cryptomania encryption game

During Sunday, March 24 from 9 a.m. to 5 p.m.

There will be a crypto game that will take you about 20-30 minutes. The ciphers are better to be solved in teams. It is ideal to go to the game area in a small group of about 3-5 people. However, we won't stop anyone from trying to tackle the pitfalls of the game on their own.

The game will be suitable for either a team of adults or a group (family) of adults and children 10+.

The only equipment needed to play the game will be a mobile phone with internet access (of one of the team members).

Like orienteering, cryptography games can be practiced. For example, by solving one of the ciphers on our website <https://www.cryptomania.cz/ukazky-sifer/> or by playing the sample online game Letter Without an Address <https://trails.cryptomania.cz/trail/dopis/>.

CRYPTOMANIA

For each player who completes a prepared crypto game, Cryptomania will give a 20% discount on the purchase of Cryptomania games.

Sporticus labyrinth

Several courses await you within a unique natural labyrinth right next to the arena. There will be 4 courses, this time more experienced athletes will be able to enjoy it. You can get lost in the labyrinth from 9:00-17:00.

OB-chůdek o-shop and orienteering bazaar

The booth of [the Czech Orienteering Shop](#) will be open all weekend. In the [O-bazaar](#) you can offer your sports equipment or buy second-hand ones during the weekend.

- Receiving items for sale - until 10:00
- Selling items - from 10:00

More information on the [Czech O-Tour website](#).

WC

In the arena in sufficient quantity at two different locations

Changing

It is possible to set up your own club tents on the meadow near the arena (see arena plan)

First Aid

At the finish line and in the arena of both races

Refreshments

At the finish line water, IoniLyte ionic drink and Relax orange juice for all competitors in their own containers (finish is right in the arena).



There will be a large catering in the arena directed by Mirakula with a wide selection of refreshments (see below). Compared to the standard operation, there is a 10% discount for all participants. Please bring your own cup, cutlery or box.

Menu

soups: chicken broth with noodles, tomato soup with pesto and parmesan

main course: goulash with bread, chicken mixture with rice, vegetable curry with chickpeas and rice, chicken cutlets with potatoes, pasta salad,

appetizers: hot dog, cakes (cottage cheese, apple, pudding, apricot)

What awaits me on the course?

Terrain

Partly very rugged theme park (grass areas, paved paths, forest paths), partly suburban forest and forest park (terrain and vegetation details), partly meadows and semi-open areas and partly urban area (housing estates, paved areas, small parks). [Competition area](#)

Possible hazards and recommended footwear

In worse weather, the terrain in the forest part can be quite muddy, even in the area of the amusement park itself. In places there is undergrowth in the forest. In any case, we recommend wearing shoes with spikes and covering your lower legs for both stages. No shoes with metal spikes are allowed!

Ticks carrying Tick-borne encephalitis and Lyme-disease may be present in the forest areas.

The part of competition area in Mirakulum Park is relatively small and, despite our efforts to limit the maximum number of competitors in the area, dangerous situations or even collisions can occur. We ask for caution.

On the course you might be running and undercutting some of the attractions, which may be low in places. Watch your head. The height can vary in some attractions, it is usually between 1,65-2,00 m see photo, but you may also encounter lower obstacles, so be careful.

Some potentially dangerous low obstacles can be highlighted by yellow and black tape. Such taping is from safety reasons thus crossable.

Photo (example of variable height in an attraction):



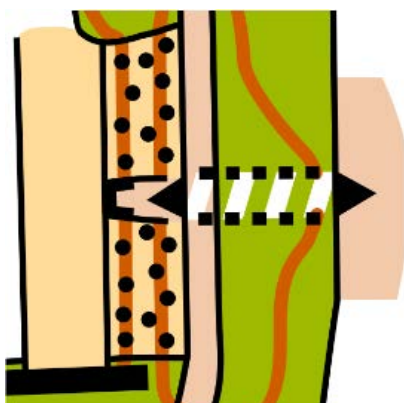
Multilevel structures

Structures outside the running level (suspension footbridges, rope bridges, tree trails, etc.) will be mapped only at points of contact with the ground. Such entrances will generally be marked in olive on the map and marked in the field with red and white tape, see example.

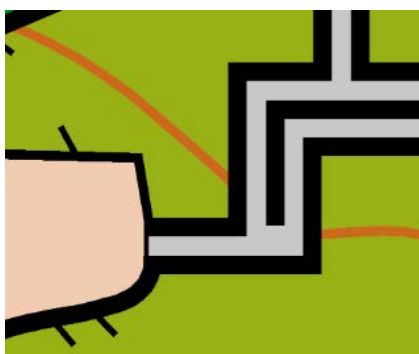


Multi-level structures mapped according to ISSprOM 2019-2 can be used (see Example 1). In other cases, only one level is used and mapped. Entrances to a level that is not used for the race will be closed with red and white tape. In the case that the lower level is used for the event, they are mapped as shown in Example 2 is used.

Sample map 1, mapped according to ISSprOM 2019-2:



Ukázka mapy 2, zakres pouze spodní úrovně:



LUC I FER

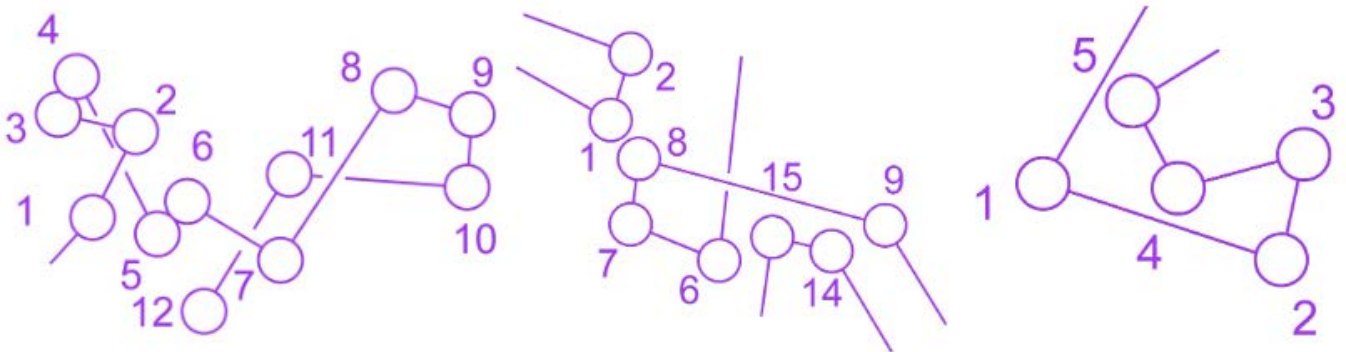
Many thanks to our partner - Czech company Lucifer, who lent us a number of flashlights for these places. Check out their [website](#), we are sure you'll find yours too. They will also have their own stand at the Czech O-Tour arena.

Some park attractions may have reduced visibility, so we will provide artificial lighting in such places. The lighting is for better orientation in space and to watch your steps. In such places it may not be possible to read the map fully.



Courses

For M21 and W21 15 minutes winning time. For other classes according to the table on the [website](#). There will be a large number of controls in the competition area. Most of the courses on both stages have multiple self-intersections. A control number may be placed close to another control or exceptionally behind a course line. Pay attention to the control serial numbers and whether you are punching the correct controls.



Map flip

Categories M21/H21E and W21/D21E has a map flip in Stage 1. The first part of the course ends with a control and on the second map the course continues with the symbol 715. Make sure you start with the correct map starting with control 1. Symbol 715, indicating the first control on the other side of the map:



Compulsory routes

Start - map start and last control - finish, both marked by a corridor. The last control will be the same for both stages.

Ribbon course

Courses of the D10L, H10L and HDR categories are marked with yellow and white ribbons, shortening between controls is allowed. In the HDR category there are 2 maps for each entrant (1 for the competitor and 2 for the accompaniment). We urge you to complete your course first, then the HDR course.

The HDR competitors can only start from time 30 (= Stage 1: 9:30, Stage 2: 14:00).

Accompanying on the course

Accompaniment is only allowed in the HDR and OPEN categories. It is strictly forbidden to compete with a dog or other animal.

Punching system

Electronic SportIdent units will be set to a touch free mode including finish units (allowing punching up to 0.5 m).

In case of failure of the SI units at the controls, the competitor is obliged to mark the passage through the control by mechanical stamping into the map. The stamps are placed under the plate that holds the electronic unit or next to the electronic unit. The competitor must hand in the map with the replacement stamping for inspection at the finish. Time is measured to the nearest whole second.

Finish

Located in the arena. Maps will not be collected. We ask for fair play. The competitor is required to have his/her chip read out after finishing the race, even if he/she did not finish the race. The finish line will be closed after the time limit of the last competitor to start has elapsed.



Restricted areas

Strict prohibition of entry and overcoming of all impassable symbols according to ISSPrOM 2019-2.

In exposed areas, impassable objects, closed gates, entrances to closed attractions, etc. will be highlighted with red and white tape.

What about the results and the prizegiving?

Preliminary results

will be posted continuously in the arena area and available online in the OTour app or on the OResults website (www.oreresults.eu). Final results will be posted in ORIS and on the series website.

Winners' announcement

The winners of both stages will be announced after the end of Stage 2 at about 17:00. All participants will be announced regardless of their ranking in the HDR, DH10L and DH10 categories. The top three in DH12, DH14A, DH14B, MW21 and the winners of the other categories.

Raffle

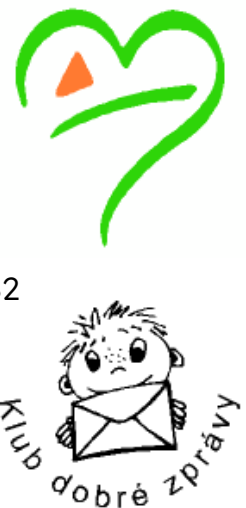
From all registered participants we will draw a lucky winner from our O-Tour raffle at 12:30 pm right in the arena. We are preparing very valuable prizes:

- 2x sleeping bag Kuňka from Kwak Outdoor worth approx. 10 000 CZK
- 1x Bagheera Duffel Bag from O-RUN.cz
- 3x Pcs Bandbox ULTRA Training 490 g by Los Křupos

Who prepared the event for you?

Běhej Poděbrady (PDY), Klub dobré zprávy Lysá nad Labem (KDZ) and Czech Orienteering Federation

Director:	Jan Pícek
Main referee:	Adam Hájek
Course setters:	Stage 1 - Eliška Nováková Stage 2 - Daniel Wolf
Administration:	Dominika Pachnerová, info@o-tour.cz , +420 731 108 782
Marketing:	David Procházka
Arena and logistics:	Matěj Burda
IOF Adviser:	Radim Hošek



www.o-tour.cz



Kwak Czech O-Tour Stage 1: Sunday 24th March (morning)

Discipline

Sprint

Start

00=9:00, distance 1200 m (20 m climbing), blue and white ribbons.



The competitor is obliged to CLEAR and CHECK the chip in the respective corridor. In the last corridor the competitor stands at his map without looking and starts from his/her map on the starting signal. It is not allowed to bring the map to the start line. The DH21/MW21 category maps will be placed at the front, closest to the start line.

The 3rd corridor is about 80 m long and includes a crossing of a low-traffic road, which will be guarded by the organizers. However, please take care when crossing.

The OPEN-S, OPEN-M, OPEN-L, T and HDR categories have a free start between 9:30 and 12:00; they will use the start control.

Finish

In the race arena

Maps

According to ISSprOM 2019-2, March 2024, authors: Z. Sokolář, J. Drbal; the map will be printed on waterproof PRETEX material

- 1 : 4 000, e = 2.5 m, size A4 for categories DH16-21, MW21
- 1 : 3 000, e = 2.5 m, size 320 x 297 mm for other categories

Special map symbols

- 419 Distinctive vegetation object (green cross) - root stock
- 528 Distinctive linear object („pipe“) - long slide of linear shape
- 530 Distinctive artificial object (black circle) - helical slide
- 531 Distinctive artificial object (black cross) - smaller item of the playground, children's climbing frame, water shaft, swing, educational board, Archimedes' screw, grill, construction for garbage bins, advertising object/flag, etc.

Loose control description size:

W21 6x19 cm, M21 6x23 cm

Maximum running time

30 minutes



Kwak Czech O-Tour Stage 2: Sunday 24 March (afternoon)

Discipline

Sprint

Start

00=13:30, distance 150 m (0 m elevation gain) on blue and white ribbons.



The competitor is obliged to CLEAR and CHECK the chip in the respective corridor. In the last corridor the competitor stands at his map and starts from his map on the starting signal. It is not allowed to bring the map to the start line. The DH21/MW21 category maps will be placed at the front, closest to the start line.

The OPEN-S, OPEN-M, OPEN-L, T and HDR categories have a free start between 14:00 and 16:30; they will use the start control.

Finish

In the arena

Map

According to ISSprOM 2019-2, status March 2024, authors: Z. Sokolář, J. Drbal; the map will be printed on waterproof PRETEX material

- 1 : 4 000, e = 2.5 m, size A4 for categories DH16-21, MW21
- 1 : 3 000, e = 2.5 m, size 320 x 297 mm for categories DH35-DH45, DH55A-DH65A, OPEN-M, OPEN-L, T
- 1 : 3 000, e = 2.5 m, size A4 Categories DH10-DH14, DH55B-DH65B, DH70-DH80, OPEN-S, HDR

Special map symbols

Same as Stage 1

Loose control description size:

W2I 6x17 cm, M2I 6x20 cm

Maximum running time

30 minutes

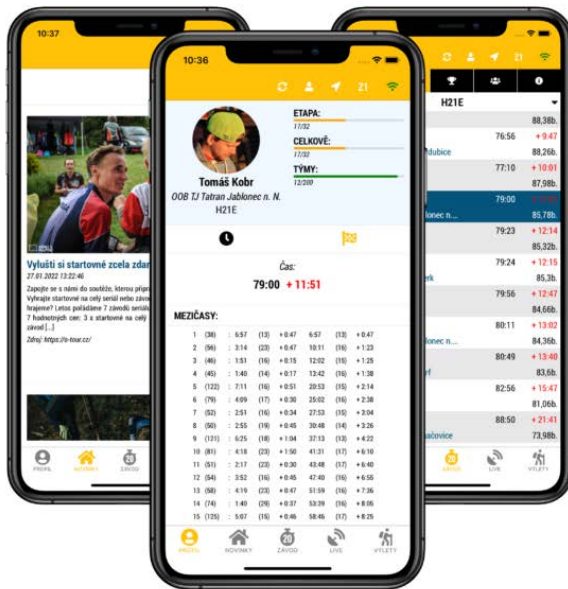
Don't forget!

OTour mobile app

A new version of the OTour mobile app is out - be sure to download the update to get the app working properly.

Available for download on [Google Play](#) (for Android) and on the [AppStore](#) (for iPhone). Once you enter your registration number, it shows your start time, running and overall results, as well as other tips for trips around.





Take away a memory

Throughout the Czech O-Tour programme you can try on and buy a special jersey and headband with the Czech O-Tour motif at the O-RUN stand.

We care about the world around us

Nature is one of the pillars of orienteering and we want to meet this goal in the Kwak Czech O-Tour. We want our forests to be free of waste, with fresh air, just as they should be. We try to do the event at least a little bit ecologically, and although it's probably not the easiest way, it's the right way for us and it makes sense to us. Every orienteer can help!

Waste

We will sort plastics and mixed waste, we will stack cups from snacks on sticks, significantly reducing the volume of waste.

To the event with family and friends

Almost unoccupied cars in the parking lot do not make us happy, come to the Czech O-Tour in a fully occupied car, you can also use the offer of carpooling. You can also get to Milovice by train or bus.

Into your own container

Beer in your own pint, food in your own bowl. Don't forget to bring them with you on the Czech O-Tour. As the finish is right in the arena, water, Relax juice or IoniLyte will be in your own cup, no disposable cups!

Prizes

End of bag full of crap! Vouchers or eat or drink. That's our preference, which we hope you'll appreciate.

Orienteering bazaar

In the weekend bazaar you can offer your sports equipment or buy other equipment, see the chapter „What's waiting for me in the arena?“.



A few formalities at the end

The event is conducted according to the Czech Rules of Orienteering, except for M21/W21 class, where the IOF rules apply.

Jury

Lukáš Hovorka (CZE), Jan Šedivý (CZE), Yannick Michiels (BEL) for M21, W21

and

Lukáš Hovorka (LPU), Martina Bochenková (DKP), Jan Hanák (SLA) for the rest of categories.

Protests

Standard complaint and protest procedure is in charge for M21/W21 classes, free of charge. Time limit for complaints is at time 152 for both Stages. The complaints are to be handed out in the Event Office.

For other categories, the charge for filing a protest is 400 CZK. Protests against the official results can be delivered to rozhodci@o-tour.cz.

Scope of the event

Two single-race IOF World Ranking Events in individual Sprint (M21 / W21). For other classes, we are preparing two separately ranked individual races which count towards the overall ranking of the Czech O-Tour series.

Notice

Everyone participates in the event at their own risk, the organizers assume no responsibility.

Sales or promotional activities may only be carried out with the approval of the plant manager.

Protection of personal data

The organizer, as the personal data controller, is entitled to process the personal data of the registered participant for the performance of its duties as the organizer of the event, for the purpose of fulfilling the contract concluded between the organizer and the participant upon acceptance of the application. For the purpose of fulfilling its obligations, the organizer will publish the participant's personal data in the valid CSOS format in the form of the entry form, start list and results in the ORIS information system (<https://oris.orientacnisporty.cz>) and on the event website (<https://o-tour.cz>).

Photography

During the event, news photographs will be taken to inform the public about the event, the settlement of subsidies for the event, etc. in accordance with Section 89 of Act No. 89/2012 Coll., the Civil Code. In addition, photographs may be taken for the personal use of the competitors (as a memory of the race, for the promotion of your OB club), especially of the announcement of the results and the finish line. In case you do not agree to be photographed, please notify the photographer explicitly.



Course parameters

CZECH O-TOUR 2024 - MIRAKULUM - E1 Sunday 24th March - sprint (morning)

category	length (km)	climbing (m)	controls
HDR	1,1	10	10
D10L	1,1	10	9
H10L	1,1	10	9
D10	1,3	10	13
H10	1,3	10	13
D12	1,3	10	13
H12	1,4	10	13
D14A	2,0	25	20
H14A	2,3	25	22
D14B	1,3	10	13
H14B	1,4	10	13
D16A	2,5	25	19
H16A	3,0	30	18
D16B	2,0	25	20
H16B	2,3	25	22
D18A	2,9	30	22
H18A	3,2	35	21
D18B	2,5	25	19
H18B	3,0	30	18
D21E / W21	3,1	40	23
H21E / M21	3,7	50	28
D21A	3,1	25	22
H21A	3,3	25	22
D21B	2,3	15	16
H21B	2,7	20	17
D35A	2,9	30	22
H35A	3,2	35	21
D35B	2,1	20	17
H35B	2,5	30	23
D45A	2,3	15	16
H45A	2,9	25	24
D45B	1,8	10	13
H45B	2,2	25	15
D55A	2,1	20	17
H55A	2,5	30	23
D55B	1,7	10	13
H55B	1,8	20	15
D65A	1,8	10	13
H65A	2,2	25	15
D65B	1,6	10	12
H65B	1,6	10	13
D70	1,6	10	13
H70	1,7	15	15
D75	1,7	10	13
H75	1,8	20	15
D80	1,7	10	13
H80	1,6	10	13
OPEN-S	1,5	10	11
OPEN-M	2,0	10	11
OPEN-L	2,3	15	16
T	3,0	20	19

CZECH O-TOUR 2024 - MIRAKULUM - E2 Sunday 24th March - sprint (afternoon)

category	length (km)	climbing (m)	controls
HDR	1,4	10	9
D10L	1,4	10	9
H10L	1,4	10	9
D10	1,0	10	11
H10	1,0	10	11
D12	1,5	15	16
H12	1,6	15	17
D14A	2,2	20	21
H14A	2,4	25	22
D14B	1,5	15	16
H14B	1,6	15	17
D16A	2,3	25	20
H16A	2,6	25	21
D16B	2,2	20	21
H16B	2,4	25	22
D18A	3,0	25	22
H18A	3,3	25	21
D18B	2,3	25	20
H18B	2,6	25	21
D21E / W21	3,2	30	22
H21E / M21	3,8	30	27
D21A	2,9	25	19
H21A	3,6	30	25
D21B	2,3	20	15
H21B	2,7	25	18
D35A	3,0	25	22
H35A	3,3	25	21
D35B	2,1	20	16
H35B	2,5	25	21
D45A	2,4	20	16
H45A	2,9	25	18
D45B	1,8	20	16
H45B	2,1	20	19
D55A	2,1	20	16
H55A	2,5	25	21
D55B	1,4	20	15
H55B	1,7	20	17
D65A	1,8	20	16
H65A	2,1	20	19
D65B	1,4	20	14
H65B	1,6	20	15
D70	1,6	20	15
H70	1,7	20	19
D75	1,4	20	15
H75	1,7	20	17
D80	1,4	20	15
H80	1,6	20	15
OPEN-S	1,4	15	16
OPEN-M	2,4	20	19
OPEN-L	2,7	25	18
T	3,0	25	16



Event partners

Titular partner



Main partners



Partnes



Institucional partners

