

Bulletin III

24 Hours Orienteering - relay



www.24ob.cz



24 hodin OB

3. – 4. 6. 2023 ▀ Dubenec

Dear competitors, friends,

Thank you for signing up for the first year of 24-hour orienteering relay in the Czech Republic. Back in the eighties and nineties, the 24-hour relay race was regularly held in Czechoslovakia. Our club FS Prague wrote its history both as a podium winner and as an organizer. Nowadays in even-numbered years, a race following the same format takes place in neighboring Germany. And this year, we will welcome both foreign and domestic teams who might know the German 24-hour race. Apart from the initial forked legs, the rules of the race are the same. The rule details, as well as the software enforcing them, and of course the entire organizing team are newbies: inexperienced, but perhaps perceptive and quick learners. We believe that we have prepared a nice race for you that you will remember fondly. Please read the updated guidelines and remember: you are making history!

Sincerely, your organizers from FS Prague

Organizer: VSK ČVUT Fakulta Stavební Praha, Fenri - klub sportů v přírodě, z. s.

Date: June 2 - 4, 2023

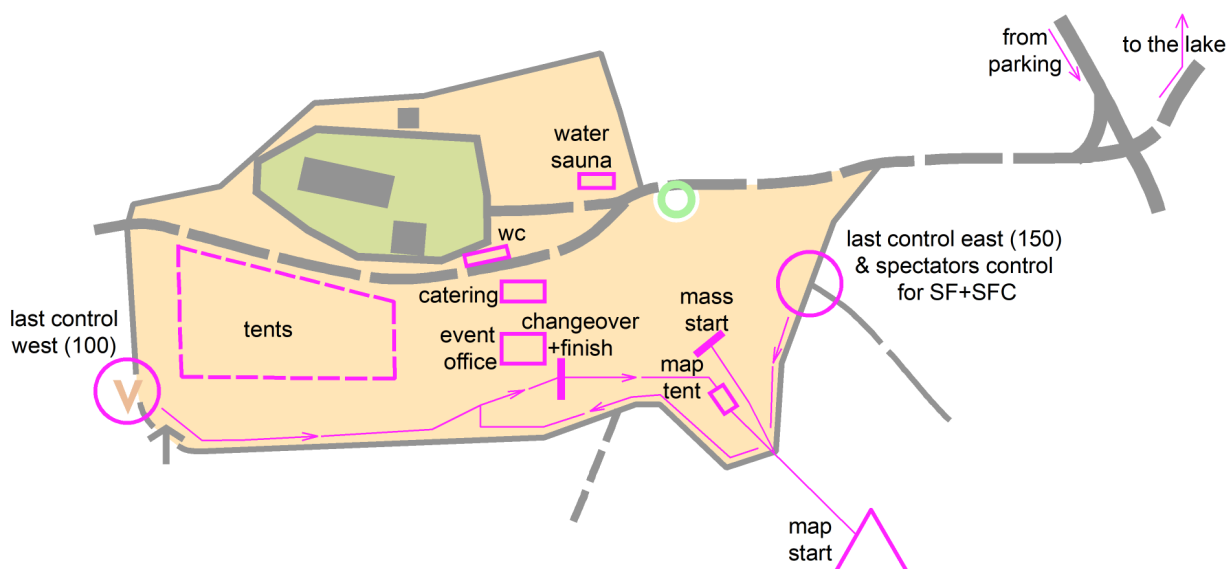
Event center: Dubenec u Příbrami 49.6916689N, 14.1002728E



Parking: 49.6974431N, 14.1005733E

The arrival will be marked from the village of Dubenec. Parking is on a paved area near the former shaft #19. Entry of cars to the event center is prohibited, with the exception of the organizers. The event center is located 800 meters away and connected to the parking by a good-quality dirt road. There will be a shuttle transport of heavy camping equipment between the parking and the campsite.

The event center (campsite, start & finish areas, relay changeover): Everything is built in a romantic grassy meadow surrounded by forest, which is freshly mowed and provides enough space to set up large and small tents by each club. Participants can use all types of camping stoves, but setting up campfires in the meadow is not allowed. The organizers will provide drinking and non-potable water, toilets and basic washing facilities. A sauna-tent will be available as well.





Music: DJs for DJs - we will be happy to play your own Spotify set

Refreshments: A cafe, a lemonade & beer stand and a simple cafeteria/canteen will be open on Friday 18:00-23:00, and effectively non-stop on Saturday and Sunday.

We offer a high quality lemon and black currant **lemonade** (Tátův sad) and **beer** from the Chříč brewery on tap.

Our cafe will supply you with homemade cakes, coffee, tea, juice and (at selected times) delicious pancakes.

The cafeteria will prepare hotdogs, toast and in the early evening also a nutritious soup (Eintopf) for you.

Please bring your own plates and cutlery, as we are trying to eliminate the unnecessary waste. Only a limited number of disposable tableware will be available.

Swimming:

The nearby reservoir is an unused reserve source of drinking water for Příbram town. People are commonly swimming here, even though it is officially prohibited. So swimming is at your own risk. Do not use soap or other detergents here. The path to the reservoir is marked with blue ribbons.

Event schedule:

Friday, June 2, 2023

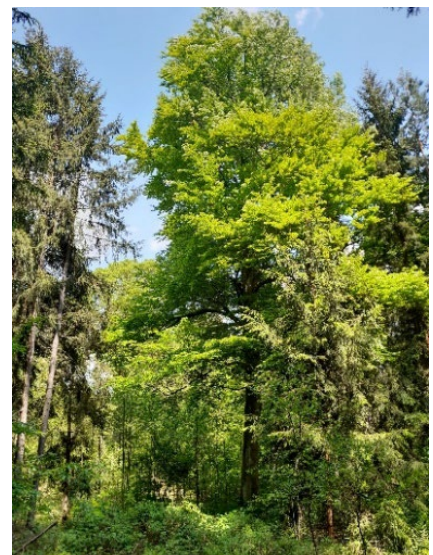
17:00 - 22:00	arrival of participants
18:00 - 22:30	registration, event office open
18:00 - 23:00	cafe and catering open
23:00	quiet night hours

Saturday, June 3, 2023

7:00	wake-up
7:30	event office opens, cafe and catering open
8:45	relay change-over demonstration, SI-card clear & check
9:00	start of the 24-hour race
9:15	start of the 12-hour race
9:30	first legs at the finish line, first relay change-over
10:00	start of the children's 6-hour race
16:00	end of the children's 6-hour race
18:00	prize giving ceremony for the children's race
Bis 19:00	announcement of the transition time to twilight courses (LT,ST)
21:15	end of the 12-hour race
21:45	civil twilight end
22:30	prize giving ceremony for the 12-hour race

Sunday, June 4, 2023

7:00 – 9:00	breakfast
9:00	end of the 24-hour race
10:30	prize giving ceremony for the 24-hour race
11:00	departure



Entries and running order of the relay members are closed. If you still need some assistance, write to the race director: ondrej.skripnik@fhs.cuni.cz

An event office is available on site.

Changes in the running order will be charged in accordance with the labor of the necessary corrections.

The event office is open on Friday 18:00-22:30, and on Saturday from 7:00 and during the entire race.

After your arrival, please register your team in the event office: Each team will receive an envelope with race bibs, safety pins, coupons for individual race legs, and a copy of this bulletin.

All registration changes should be reported here.

In the race office, you also report the team members withdrawing from the relay during the race.

You can come here to ask about the event - program, rules, time of the twilight legs etc. It is also a place for raising potential complaints and seeking medical attention if needed.

Results:

The link to the online results will be posted in the event office (we have our own results system).

Prize giving ceremony: The first three teams in each category will be announced. We will announce the children's category on Saturday at 18:00 (medals, competition certificates, confectionery prizes).

We will announce the 12h category and the 12hd youth category on Saturday at 10:00 (sweet and beer prizes).

The prize giving ceremony of the 24-hour race will take place on Sunday at 10:00. The first three teams will receive prizes. The iconic hand carved owl itinerant trophy will be presented to the best team, which is composed of competitors from one club.

Control descriptions are printed on the map.

Refreshment on the legs: No

Spectator control and arena passage is part of the first three forked legs only: control 150 is a spectator control on courses SF and SFC. Estimated time from the spectator control to finish is 12 minutes for SFC courses and 7 minutes for SF courses, Sichtposten in der Arena befinden sich auf den ersten drei FARSTA Bahnen, der Posten Nr. 150 ist der Sichtposten für die SF und SFC Bahnen. Geschätzte Zeit von der Sichtposten bis zum Ziel: SFC 12 Minuten, SF 7 Minuten.

Relay changeover: Competitors can be seen running towards the finish line from both last controls 100 (west) and 150 (east). At the same time, the relay's number appears on the monitor near the change-over area. The change-over is done by touch. The competitor may not leave the finishing corridor until he/she hands over the relay to the next runner. Each competitor clears and checks his/her SI-card when entering the corridor (CLEAR, CHECK),

and collects the map by themselves after the change-over. Maps for the second and third legs (SF/SFC courses) are labeled by team numbers and are available for self-pick up by the runners after they run through the map tent, in the corner of the forest. After finishing the first three legs (SF/SFC courses), the runners collect their maps for day, twilight and night courses in the map tent while also handing over a coupon with the corresponding course number.

Map: Houpačka 1 : 10,000 E5m, created 2020, revision 2023, map key ISOM2017-2.
Mapped by: Borovička, Cigoš, Horký, Kurfürst
The maps will be waterproof (Pretex). Map size: A4.



Terrain description: undulating rugged terrain with a medium density of paths, terrain details and stones in a large part of the area



Rules:

Common principles: The final standing in the race is determined by the number of successfully completed legs within the race limit. In case of a mispunch, the affected leg does not count. In case of equal number of completed legs, the team with a faster time wins.

The race starts with completing three legs of forked courses. The subsequent selection and order of the individual courses is up to the team's strategy.

The race limit is 24 or 12 or 6 hours for each category. If a competitor has an incorrect punching and his/her time of the leg is less than 30 minutes, the difference between his/her time and 30 minutes is deducted from the team's race limit.

Category 6h: 4-6 children in ages up to class W/M 14. The number of runners in the team is 4 to 6, of whom at least two are girls. Each team member has to complete at least one leg. The race starts with three obligatory legs of forked courses (SFC 1-3) that the team members run according to the submitted running order. After that, courses of various difficulty are available to the team: EC (easy), MC (medium), HC (hard). After completing all EC, MC, HC courses, the last runner finishes the race with the FC course.

Courses:

course	distance (km)	elevation gain (m)	# of controls	final control
SFC (3 x)	3,3	95	11	100
EC1	2,3	50	6	100
EC2	2,2	75	9	150
EC3	2,4	50	6	100
EC4	2,2	80	6	150
MC1	3,2	55	7	100
MC2	2,7	85	8	150
MC3	3,1	65	7	100
HC1	3,4	90	10	150
HC2	3,6	80	11	100
FC	3,1	60	19	100

The total length of all the available courses is 38.1 km.

Category 12h: Any team of 3-6 runners

The relay consists of 3 to 6 runners of any gender and age. Special youth category 12hd: All members of the relay are class W/M18 or younger.

The race starts on Saturday at 9:15 and ends on Saturday at 21:15. The race starts with three legs of forked courses (SF 1-3), that the team members run according to the submitted running order. After that, the running order is free and courses of various length and difficulty are available to the team: difficulty E (easy) and H (hard). After completing all E and H courses, the race ends with two twilight legs ST (short twilight), LT (long twilight).

Courses:

course	distance (km)	elevation gain (m)	# of controls	final control
SF (3 x	5,2	105	16	100
E1	2,3	45	6	100
E2	2,4	85	7	150
E3	3,2	60	8	100
E4	4,3	100	9	100
E5	5,6	120	12	100
E6	6,1	120	11	100
E7	6,7	160	16	150
E8	7,0	140	19	100
E9	7,1	120	13	100
H1	2,4	95	11	150
H2	2,7	50	8	100
H3	3,7	130	13	150
H4	3,9	100	12	100
H5	4,8	95	12	100
H6	6,2	150	17	150
H7	6,9	150	15	100
H8	8,7	195	22	100
H9	9,6	225	23	100
H10	9,6	280	25	100
ST	3,8	75	10	100
LT	5,1	140	13	100

The total length of all the available courses is 127.7 km.

Category 24h: The team has 6 members, at least two of which are women, the number of M21 class men is limited to three (the fourth “man” can therefore be a junior, a M35+ class man, a woman etc.). Only a team consisting of members from one club can take home the winner trophy. Teams that do not meet the club affiliation rule can still participate in the race and will be listed in the official results.

The team members are registered in fixed running order, in which the members alternate regularly.

During the race (after all 6 members of the team have completed at least one leg) one of the members may withdraw from the race - this fact must be reported to the organizer in the event office. A competitor who withdraws may no longer return to the race, the other team members continue to alternate regularly. If another member of the team withdraws (second, third, etc.), the race time for this team is reduced by 30 minutes for each competitor of the team who withdrew (e.g. a team with 4 survivors finishes at 8:30).

The race starts with three legs of forked courses (SF 1-3). After that, following courses are available to the team: day courses of two difficulties: E (easy), H (hard); two twilight courses: ST (short twilight), LT (long twilight); night courses of two difficulties EN (easy night), HN (hard night) and a course for the finishing runner (F).

After the initial forked courses (SF 1-3), the team runs the day courses in order at its discretion. At 19:00 at the latest and at least one hour in advance the time of the mandatory switch to twilight courses is announced. The twilight courses (ST, LT) can be run in any order, the courses are not forked. If a team completes all day courses before the announced time, they move on to twilight courses earlier. When announcing the transition time to the twilight courses, the organizer can also announce cancellation of selected night courses (adapting the total length of the race based

on the current race situation so that the teams competing for the podium would complete all the available courses).

After completing the twilight courses, the night courses are available to the team: EN (easy night) and HN (hard night) - the controls on these courses are equipped with reflective tape. However, day courses can also be run. After completing all the day and night courses, the last change-over to the special final course (F) will take place.

Courses:

course	distance (km)	elevation gain (m)	# of controls	final control
SF (3 x)	5,2	105	16	100
E1	2,3	45	6	100
E2	2,4	85	7	150
E3	3,2	60	8	100
E4	4,3	100	9	100
E5	5,6	120	12	100
E6	6,1	120	11	100
E7	6,7	160	16	150
E8	7,0	140	19	100
E9	7,1	120	13	100
H1	2,4	95	11	150
H2	2,7	50	8	100
H3	3,7	130	13	150
H4	3,9	100	12	100
H5	4,8	95	12	100
H6	6,2	150	17	150
H7	6,9	150	15	100
H8	8,7	195	22	100
H9	9,6	225	23	100
H10	9,6	280	25	100
ST	3,8	75	10	100
LT	5,1	140	13	100
EN1	2,1	35	6	100
EN2	2,2	40	6	100
EN3	2,5	35	7	150
EN4	3,2	65	9	150
EN5	3,4	100	8	100
EN6	3,8	105	14	150
EN7	4,1	110	12	100
EN8	4,7	125	13	150
EN9	5,4	90	10	100
HN1	2,6	40	8	150
HN2	2,6	95	10	150
HN3	2,8	60	8	100
HN4	3,1	110	12	150
HN5	4,3	95	16	100
HN6	4,5	105	11	100
HN7	6,2	135	17	100
HN8	6,7	160	17	100
F	4,3	90	22	150

The total length of all the available courses is 196.2km.

Dubenec, Příbram district

Dubenec, where the competition will be held, is a small village with 300 inhabitants. It lies on the edge of the competition area and near the Prague - Strakonice road. In the 1950s, the area of Dubenec and Bytíz became an important region for uranium ore mining. The villages were surrounded by shafts and a notorious prison for political prisoners was built here. Thirty hectares of the local forest fell victim to uranium mining and drinking water in wells dried up as a result. We have chosen this area because of the 8 sq km of beautiful and navigationally interesting forest, yet we would also like to recall its history. We especially recommend visiting the War Memorial.

<https://www.muzeum-pribram.cz/cz/pamatnik-vojna-lesetice/z-historie/>



Hire of headlamps:

High-quality and powerful Lucifer headlamps can be rented at the race office for 150,- CZK/piece. Charged lamps of the M6 and L+ models are available.

<https://luciferlights.net/cs>

Race director: Ondřej Skripnik

Course setter: Pavel Kurfürst

Event office: Lenka Studničná

IT: Karel Nitsch

Chief referee: Tomáš Fibír

Catering: Magdalena Kurfürstová, Michaela Kuželová, Martin Hrouda

Cartographers: Milan Borovička, Evžen

Cigoš, Petr Horký, Pavel Kurfürst

Arena: Tomáš Kužel

Appendix:

