



KRASNOYARSK
KRAY



KRASNOYARSK 2017
WORLD
▷ SKI
ORIENTEERING
CHAMPIONSHIPS





DEAR PARTICIPANTS, ORGANISERS AND SPECTATORS OF WORLD SKI ORIENTEERING CHAMPIONSHIPS

International Orienteering Federation has a vision. The vision is to be included into Summer and Winter Olympic Games. We know it's not easy to get into Olympic Games but World Ski Orienteering Championships in 2017 will be another step on our Olympic journey.

I'm sure that WSOC in Krasnojarsk will be held at a high level. Krasnojarsk is internationally very well known as centre of ski orienteering, city already hosted IOF World Ski Orienteering Championships back in year 2000. International ski orienteering family is excited to be back in Krasnojarsk and we hope to see best ever World Championships in Ski Orienteering.

Krasnojarsk will host FISU Winter Universiade in 2019 and ski orienteering is first time on competition programme. For IOF the Winter Universiade is a very important milestone supporting our strategy to be included into multi-sport games.

I would like to wish successful starts for athletes, good luck for organisers and enjoyable competitions for spectators.

Leho Haldna
President
International Orienteering Federation



DEAR FRIENDS,

On behalf of the International University Sports Federation I would like to extend a warm welcome to the organisers, participants and spectators of the 22nd World Ski Orienteering Championships in Krasnoyarsk.

There is no doubt that the upcoming championships will be an exciting and spectacular event, which will feature the world best ski orienteering athletes competing for the win at the heart of Siberia, the city of Krasnoyarsk.

A traditional industrial and cultural centre of Siberia, Krasnoyarsk is now becoming one of the most dynamic sports cities in Russia. In less than two years, it will become the capital of the Winter edition of the largest university sports event in the world, the Universiade.

For the last several years the authorities and the organising team of the Krasnoyarsk Universiade have been making tremendous efforts to ensure that the city is ready to welcome best student athletes from across the globe and to provide them opportunities to show their skills and potential.

The 22nd World Ski Orienteering Championships, being an important event in the world of sports, will also be the first true test for the host city. I am deeply convinced that Krasnoyarsk will show its best and use this opportunity to demonstrate its hospitality to all foreign guests.

I would like to thank the International Orienteering Federation and its President Mr Leho Haldna, as well as Governor of the Krasnoyarsk Region Mr Viktor TolokonSKIY, the Mayor of Krasnoyarsk Mr. Edkham Akbulatov, for their efforts and their support. And of course, I wish all athletes best of luck on the 22nd World Ski Orienteering Championships in Krasnoyarsk!

Oleg Matytsin
FISU President



DEAR PARTICIPANTS AND GUESTS OF THE CHAMPIONSHIPS,

On behalf of the Ministry of Sports of the Russian Federation, I would like to welcome you at the 22nd World Ski Orienteering Championships 2017 in Krasnoyarsk.

Ski orienteering is becoming one of the most popular, affordable and exciting recreational activities and sports in Krasnoyarsk. Promoting a healthy lifestyle, shaping the positive attitudes, ski orienteering intends to strengthen and develop friendly international relations.

I am sure, uncompromising fair play of the strongest representatives of such courageous sport will leave a positive and lasting impression on the participants and spectators.

I sincerely wish sports excitement, new victories and bright impressions to all participants of the Championships!

Best regards,
Pavel Kolobkov
Minister of Sports



DEAR PARTICIPANTS AND SPECTATORS, DEAR GUESTS OF KRASNOYARSK,

I am pleased and honored to welcome you at the 22nd World Ski Orienteering Championships 2017, which takes place in the capital of our region this year.

The Krasnoyarsk region has solid experience in the organization of sports events of the highest level. The Krasnoyarsk land already welcomed international ski orienteering competitions. We are very honored to obtain the experts' recognition that the capital of the region meets all requirements for hosting the world championships and to provide the strongest skiers of the planet with the possibility to test the new Krasnoyarsk ski tracks.

The 22nd World Ski Orienteering Championships 2017 will be held on the territory of the renovated sports complex "Biathlon Academy", and it will become the first major event held as a part of preparation for the 29th Winter Universiade Krasnoyarsk 2019. I am sure that the Krasnoyarsk region will keep a high level of international winter sports competitions, and the Russian national team of skiers-orienteers will delight us with good results.

I sincerely hope that the snowy Siberian winter, hospitality of Krasnoyarsk residents, support of fans will make this Championship a true festival of sport and will give bright impressions to all guests and participants.

I wish athletes beautiful victories, and I hope that all the guests of Krasnoyarsk will have unforgettable days in the capital of the largest Siberian region.

Viktor Tolokonsky
Governor
of the Krasnoyarsk region



DEAR COLLEAGUES, SPORTS ENTHUSIASTS!

In March 2017, Krasnoyarsk will host the participants of the 22nd World Ski Orienteering Championships. It is the highest sign of world community confidence towards the Russian sports orienteering school, recognition of our common achievements, which were reached thanks to daily and responsible work carried out by athletes, coaches and all the regional orienteering federations within Russia.

Having won the first place in the overall medal standings at the previous World Championships in Hedmark, Norway in 2015, our national team proved that Russia is by right considered to be one of the world sports orienteering movement leaders. Therefore, it is an honor to host the strongest representatives of this wonderful sport that has no national and age limits. For the first time in the World Ski Orienteering Championships history one and the same city will host the event for the second time as Krasnoyarsk has already hosted the international ski orienteering competitions in 2000. It was a precious experience for all of us.

The new challenge for us now is to hold the World Championships at the highest organizational level. Over the last 17 years, both technical and service requirements to the competitions have significantly increased, and the ski orienteering itself has strengthened its position as a sport. Ski orienteering will be included in the optional sports programme of the upcoming 29th Winter Universiade Krasnoyarsk 2019.

The results that we have already achieved inspire confidence that with our common efforts we can worthily host the participants of the Championships and become a real competitor in medal events!

Good luck!

Sergey Belyaev
President
of the Russian Orienteering Federation



DEAR FRIENDS!

I am very pleased to welcome the athletes and guests of the 22nd World Ski Orienteering Championships in Krasnoyarsk!

These prestigious competitions are special and very important for our city. The World Ski Orienteering Championships 2017 is the first test event in Krasnoyarsk before the most anticipated and grandiose sports event – the 29th Winter Universiade 2019. Successful delivery of the Championships will determine the Krasnoyarsk readiness to the Universiade. That is why today not only the competing athletes but all of us start the final stage of the preparation for the Winter Universiade 2019. May this be a good start!

I wish successful performance and well-earned victories to the athletes. I wish memorable emotions and vivid impressions to the supporters. And I wish all the Krasnoyarsk citizens to feel justifiably proud of our native city that has won the honor of hosting such a significant world class competitions and now can rightfully claim the title of one of the leading winter sports centers of Russia.

I wish you all the best, dear friends!
Welcome to Krasnoyarsk!

Edkham Akbulatov
Mayor of Krasnoyarsk



DEAR FRIENDS,

The 22nd World Ski Orienteering Championships 2017 opens the door to the world of winter sports of international level for Krasnoyarsk residents. We got the opportunity to see a struggle between the strongest orienteers, to feel the atmosphere of a great event, to gather precious experience that will bring benefit for hosting Winter Universiade 2019.

It is difficult to overestimate the significance of the World Championships for Krasnoyarsk. On the one hand, we can show the representatives from different countries that people in remote Siberia are able to host competitions at the highest level, create comfortable conditions for the participants and guests, that hearty and kind people live here. On the other hand, the Championships will serve as a test event for the Winter Universiade 2019 team. We have been preparing very hard and responsibly to this event and we hope that our guests will remember the days spent in Krasnoyarsk and discover Krasnoyarsk as one of the cities where they would want to return.

Ski orienting was included in the Winter Universiade 2019 sports programme by the initiative of the Krasnoyarsk residents, who know and like this sport. We have great traditions – representatives of Krasnoyarsk have been a part of the national Russian team for many years and regularly win awards at the World and European Championships.

I wish all the participants success on the tracks, fair play and unforgettable emotions. We will put our greatest effort to make you feel at home and feel warmth of our hearts!

Maxim Urazov
Director General -
Executive Directorate
of the 29th Winter Universiade 2019
in the city of Krasnoyarsk

THE CITY OF KRASNOYARSK

Krasnoyarsk is a cultural, economic and educational center of Siberia and the capital of the Krasnoyarsk Region (the second largest entity of the Russian Federation with the area of 2,339,700 sq.km). The Krasnoyarsk region is rightly called the center of Russia: Lake Vivi (Evenkia) is located in the territory of the region, which is the geographical center of the country. Krasnoyarsk is located on both banks of the Yenisei River. The city combines age-old traditions and modern development.

Its total area is 353.9 sq.km.

The population of Krasnoyarsk is 1,017,226 people.

Krasnoyarsk is an open and hospitable Siberian city, the city that gives opportunity to enjoy real winter and winter sports in up-to-date and comfortable conditions. Over 20 % of Krasnoyarsk population actively do sports. There are over 150 sports developing in the region. Krasnoyarsk regularly hosts major national and international competitions

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CLIMATE

Krasnoyarsk is located on the Siberian taiga with a strong continental climate. The continental climate is represented by mostly dry weather and large temperature variations. The precipitation is low, average 465 mm per year, with 15 mm in March. Winters are cold with average temperature in March -14,3 °C, minimum temperature -35,2 °C and maximum 13,7 °C. Snow depth as of 01/01/2017: 50-70 cm.





29th WINTER UNIVERSIADE 2019 IN KRASNOYARSK

In 2019 Krasnoyarsk will host the first winter Universiade which will become the third one in the history of Russia. The University Games will be staged from the 2nd to the 12th of March, 2019. The 2019 Winter Universiade Program includes 11 sports: Ski Orienteering, Cross-country Skiing, Biathlon, Snowboarding, Curling, Alpine Skiing, Freestyle Skiing, Ice Hockey, Figure Skating and Short Track Speed Skating, Bandy.

About 3000 athletes from 50 countries, 25000 tourists and guests and 5000 volunteers are expected to participate in the events of 29th Winter Universiade 2019 in Krasnoyarsk.

► More information can be found on the Universiade 2019 official web-site: www.krsk2019.com

ORGANISERS

Ministry of sport of the Russian Federation,
Russian Orienteering Federation,
Government of the Krasnoyarsk Region,
ANO "Executive Directorate of the 29th Winter
Universiade 2019 in Krasnoyarsk",
Orienteering Federation of the Krasnoyarsk Region.

Event Director:	Alexander Bliznevsky (RUS)
Assistant Event Director:	Sergey Khudik (RUS)
Senior Event Adviser:	Sixten Sild (EST)
Assistant Event Adviser:	Markku Vauhkonen (FIN)
National Controller:	Arkadiy Vedin (RUS)
Event Secretary:	Anna Khudik (RUS)
Assistant Event Secretary:	Andrey Pavlov (RUS)
Course setter:	Sergey Skripko (RUS)

CONTACTS

Autonomous Nonprofit Organization "Executive
Directorate of the 29th Winter Universiade 2019 in
Krasnoyarsk".
Address: Bld. 1, 19, Mira av., Krasnoyarsk, 660049.
Tel.: 007 (391) 291-80-80,
e-mail: info@krsk2019.ru



VENUE

The event will be held at the Ski Center "Biathlon Academy", Krasnoyarsk, Russia. Ski Center "Biathlon Academy" is the sport venue of the Winter Universiade Krasnoyarsk 2019. International airport Yemelyanovo is at 39 km distance from the event center.

TRANSPORT

The organizers will provide transports throughout the event. From/to the airport/railway station, and shuttle buses from the SibFU Campus (accommodation) to Event Centre (Biathlon Academy) on competition days. Utilization of own cars and transports is not recommended due to limited parking facilities at the Event Centre.



BIATHLON ACADEMY – EVENT CENTRE



ACCOMMODATION

Different categories are available ranging from high-class hotels to student dormitory with full board. Alternatives with self-catering opportunities will be available on request. All accommodation alternatives offered by the organizers are located within 10-15 minutes by car from event venue.

The participants are strongly recommended to stay at the Student Dormitories at the Siberian Federal University

(SibFU) Campus which is located 2 kms from the event center and provides training (ski tracks, gym, swimming) facilities on a walking distance. The organizers provide transports from the SibFU Campus to the event centre during the Championships. Also other official program events (Opening ceremony and Prize Giving ceremonies) will be held at the SibFU Campus.



CLASSES AND PARTICIPATION

World Championships has two classes: W21 and M21. Competitors who are representing a Federation shall have full passport-holding citizenship of the country of that Federation.

All competitors represent a Federation. Each Federation may enter a team of an unlimited number of competitors and a maximum of 10 team officials.

In each individual competition, every Federation may enter up to 4 women and 4 men and, in addition, the current World Champions for the distance may be entered by their Federation(s) provided they are members of the Federation's team.

In the Relay, each Federation may enter one women's team and one men's team, each consisting of 3 team members. Teams with competitors from more than one Federation are not allowed but incomplete teams may start.

In the Sprint Relay, each Federation may enter one team consisting of 2 team members of whom at least one must be a woman. Teams with competitors from more than one Federation are not allowed and incomplete teams may not start.



EVENT PROGRAM

March, 5	
7.30-10.00	Breakfast
11.00-14.00	Lunch
18.00-20.30	Dinner

March, 6	
7.30-10.00	Breakfast
11.00-14.00	Lunch
13.00-16.00	Model event
16.00	Deadline for final entries for sprint relay
18.00-20.30	Dinner
19.00	Team officials' meeting

March, 7	
7.30-10.00	Breakfast
11.00-14.00	Lunch
15.00	Sprint Relay
16.10	Flower ceremony
17.00	Deadline for final entries for sprint
17.00-19.00	Dinner
19.00-21.00	Opening, prize-giving ceremony

March, 8	
7.30-10.00	Breakfast
11.00-14.00	Lunch
14.20	Latest entry to start quarantine
14.30	Sprint W2I
15.35	Sprint M2I
17.15	Flower ceremony W2I, M2I
17.00	Deadline for final entries for W2I middle distance
18.00-20.30	Dinner
19.00	Team officials' meeting

March, 9	
7.30-10.00	Breakfast
10.00-13.00	Excursion (on request)
11.00-14.00	Lunch
14.50	Latest entry to start quarantine
15.00	Middle distance W2I
15.00	Deadline for final entries for M2I middle distance

17.20	Flower ceremony
18.00-20.30	Dinner

March, 10	
7.30-10.00	Breakfast
10.00-13.00	Excursion (on request)
11.00-14.00	Lunch
14.20	Latest entry to start quarantine
14.30	Middle distance M2I
17.00	Deadline for final entries for long distance
17.40	Flower ceremony
17.00-19.30	Dinner
19.00	Team officials' meeting
19.30	Prize-giving ceremony

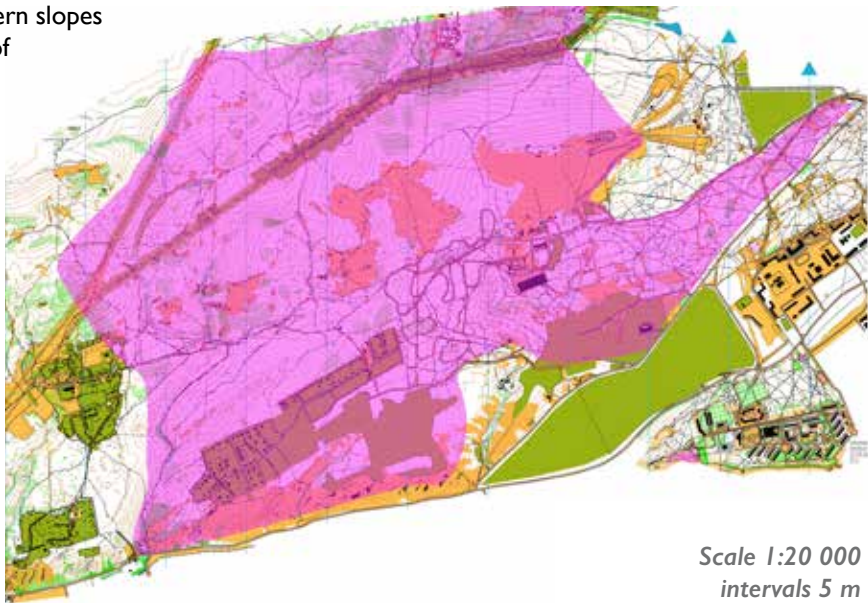
March, 11	
7.30-10.00	Breakfast
11.00-14.00	Lunch
13.50	Latest entry to start quarantine
14.00	Long distance W2I
15.45	Long distance M2I
17.45	Flower ceremony W2I, M2I
18.00	Deadline for final entries for relay
18.00-20.30	Dinner

March, 12	
7.30-10.00	Breakfast
11.00-14.00	Lunch
13.50	Latest entry to start quarantine
14.00	Relay W2I
15.55	Relay M2I
17.00-19.30	Dinner
19.30	Prize-giving and closing ceremony, banquet

March, 13	
Departure	

EMBARGOED AREAS

The areas situated in the north-western part of the city of Krasnoyarsk, on western and southern slopes of the hill Nikolaev, the territory of the “Biathlon Academy“ and the surrounding area are forbidden to visit and do training from 31 December 2014 The only exception is the use of Biathlon Academy roller ski tracks (see map) that are allowed for training until October 1, 2016. For any athlete wanting to visit and do training according to the embargoed area map. Athletes and team officials can access the area and Event Centre only by using the organizers’ shuttle bus service.



TERRAIN DESCRIPTION

The races take mostly place on the southern slope of Nikolaev hills. The terrain is relatively open and covered by mixed forest (birch and pine). A 6-8 metres wide biathlon ski track dominates the centre of the terrain. Network of tracks and paths in the area is very dense. 90 percent of the terrain is covered with forest with good

visibility. The highest point of the terrain is 505 meters above sea level. The height differences in the terrain are up to 200 metres. There are some steep downhill that will require caution. Some parts of the terrain contain deep gullies and cliffs.

OPPORTUNITIES FOR TRAINING

Specific training area at SFU campus.

MAPS AND PRELIMINARY COURSES

All maps and course overprint are according to the International Specification for Ski Orienteering Maps 2015. Map size for all competitions is A4.

Sprint Relay

	Straight line	Shortest sensible route	Controls	Total climb	Estimated winning time
M2I	1.87 km	2.23 km	7	50 m	6-8 min (1 leg)
W2I	1.53 km	1.85 km	6	50 m	6-8 min (1 leg)
<div> <div>801 very wide track > 3 m</div> <div>802 wide track 1.5-3 m</div> <div>803 track 0.8-1.2 m</div> <div>804 slow track 0.8-1.0</div> </div> <div> <div>37 %</div> <div>15 %</div> <div>47 %</div> <div>1 %</div> </div>					
from time start to start point (1 leg)				190 m	
from last control to finish (6 leg)				320 m	

Sprint

	Straight line	Shortest sensible route	Controls	Total climb	To spectators control	Estimated winning time
M2I	3.47 km	4.46 km	14	110 m	2.8 km	13-15 min
W2I	3.0 km	3.81 km	12	70 m	2.3 km	13-15 min
801 very wide track > 3 m		25 %				
802 wide track 1.5-3 m		17 %				
803 track 0.8-1.2 m		51 %				
804 slow track 0.8-1.0		7 %				
from time start to start point		100 m				
from last control to finish		190 m				

Middle W2I

	Straight line	Shortest sensible route	Controls	Total climb	To spectators control	Estimated winning time
W2I	7.6 km	9,5 km	21	230 m	4.6 km	40-45 min
801 very wide track > 3 m		20 %				
802 wide track 1.5-3 m		20 %				
803 track 0.8-1.2 m		53 %				
804 slow track 0.8-1.0		7 %				
from time start to start point		100 m				
from last control to finish		400 m				

Middle M2I

	Straight line	Shortest sensible route	Controls	Total climb	To spectators control	Estimated winning time
M2I	8.8 km	11.2 km	25	270 m	3.9 km	40-45 min
801 very wide track > 3 m	20 %					
802 wide track 1.5-3 m	20 %					
803 track 0.8-1.2 m	53 %					
804 slow track 0.8-1.0	7 %					
from time start to start point	190 m					
from last control to finish	360 m					

Long

	Straight line	Shortest sensible route	Controls	Total climb	To spectators control	Estimated winning time
M2I	22.6 km	28.7 km	43	790 m	2.6 km	95 min
W2I	14.4 km	18.1 km	30	530 m	2.1 km	85 min
801 very wide track > 3 m	16 %					
802 wide track 1.5-3 m	20 %					
803 track 0.8-1.2 m	60 %					
804 slow track 0.8-1.0	4 %					
from time start to start point	310 m					
from last control to finish	280 m					
Number of refreshment controls W2I – 2 Number of refreshment controls M2I – 3						

Relay

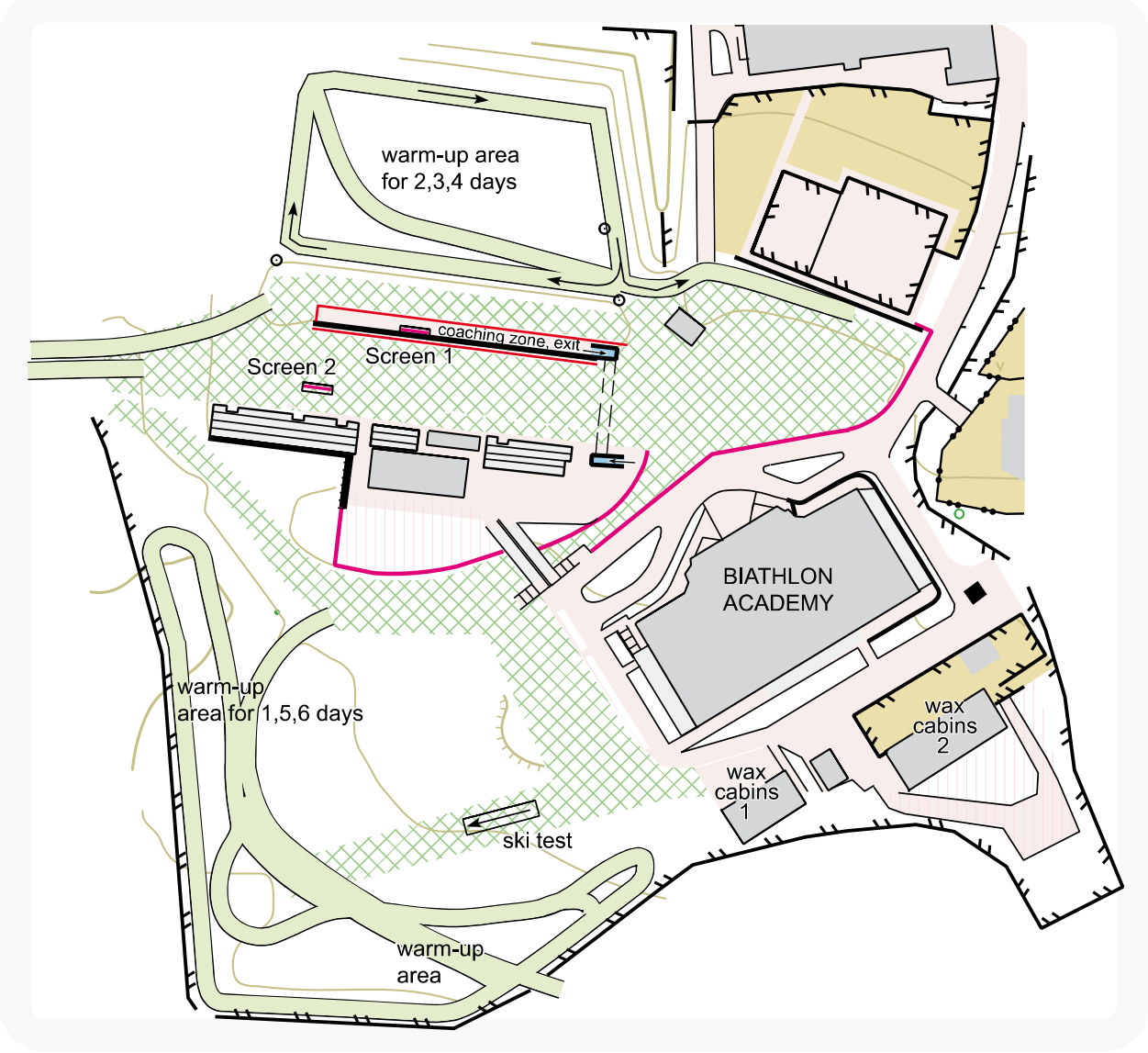
	Straight line	Shortest sensible route	Controls	Total climb	To spectators control	Estimated winning time
M2I	6.9 km	8.7 km	17	230 m	4.6 km	30-35 min
W2I	5.4 km	6.7 km	14	200 m	3.6 km	30-35 min
801 very wide track > 3 m	21 %					
802 wide track 1.5-3 m	19 %					
803 track 0.8-1.2 m	56 %					
804 slow track 0.8-1.0	4 %					
from time start to start point (1 leg)	370 m					
from last control to finish (3 leg)	270 m					

Competition	Scale	Eqvidistance
Sprint Relay	1:5000	5 M
Sprint	1:5000	5 M
Middle	1:10 000	5 M
Long	1:12 500	5 M
Relay	1:7500	5 M

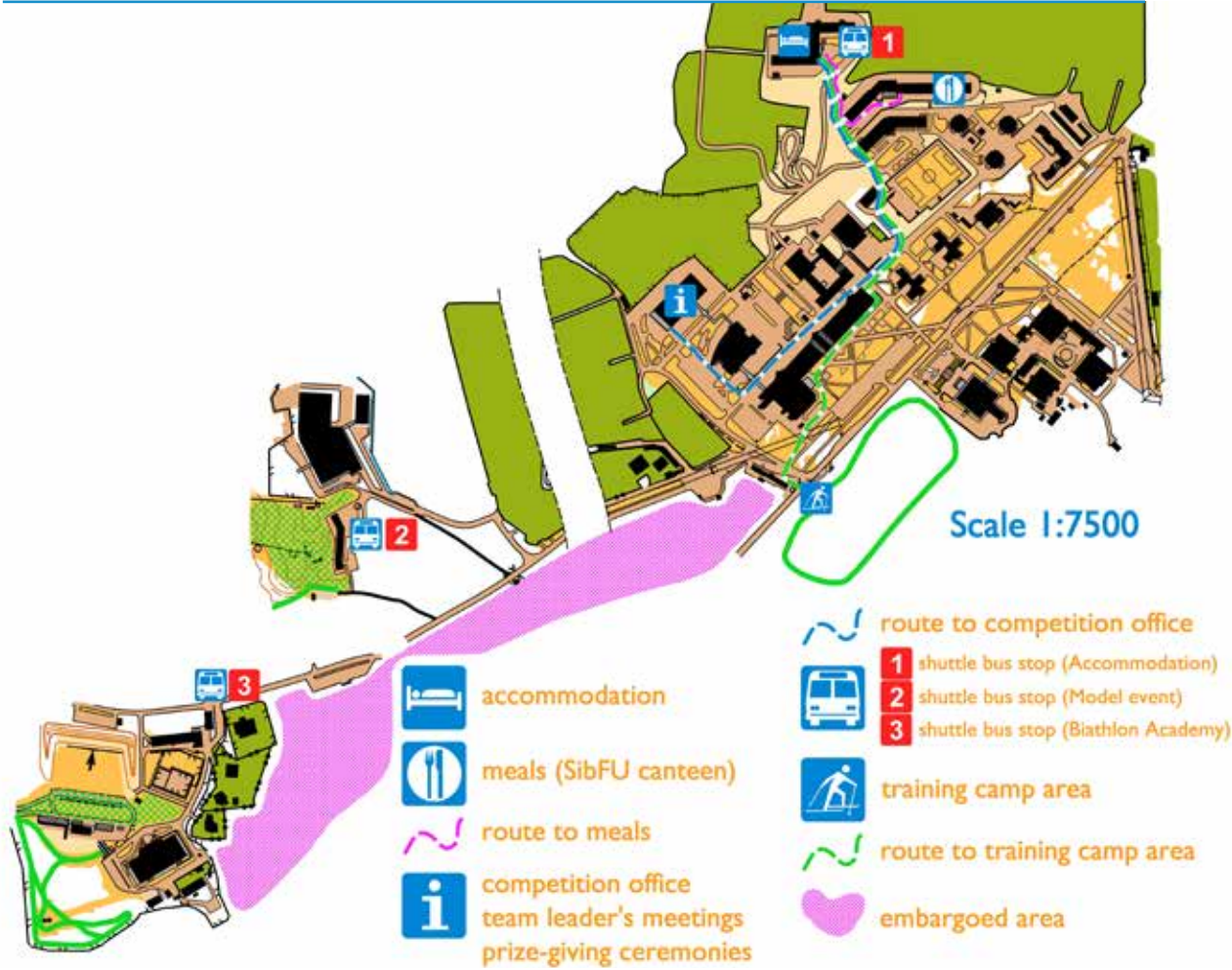
NUMBER AND TYPE OF EQUIPMENT CHANGE AREAS

- Sprint relay – no equipment deposit
- Sprint – no equipment deposit
- Middle distance – 1 equipment deposit
- Long distance – 2 equipment deposits, 1 change of undamaged skis allowed during the race
- Relay – 2 equipment deposits

COMPETITION AREA MAP



EVENT AREA MAP



COMPLAINTS

The participating teams can make a formal complaint about infringements of IOF Ski Orienteering Rules or the organiser's directions. Complaints may only be made by accredited team officials or competitors. Any complaint shall be made in writing to the Event Director at the Event Centre Akademija Biatlona as soon as possible. The time limit for complaints is 15 minutes after the closing of the finish. A complaint is adjudicated by the organiser. The complainant shall be informed about the decision immediately. There is no fee for a complaint. Complaints received after this time limit will only be considered if there are valid exceptional circumstances which must be explained in the complaint.

JURY

IOF has appointed the following nations to the jury of the event (names will be informed later):

- FIN
- NOR
- JPN
- CZE
- SUI



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XXII ЧЕМПИОНАТ МИРА
ПО ЛЫЖНОМУ
ОРИЕНТИРОВАНИЮ



FINAL ENTRIES

Final entries on organizer's forms handed to Event Office either at the SFU campus or Biathlon Academy.



PRELIMINARY ENTRIES

Federation	Men	Women	Officials	Total
Austria	2		1	3
Belarus	2	1		3
Bulgaria	2	2	1	5
Czech Republic	4	4	2	10
Estonia	4	3	1	8
Finland	5	5	6	16
Germany	1	1		2
Italy	2	1	1	4
Japan	3	1		4
Kazakhstan	4	4	3	11
Kyrgyzstan	1	1		2
Latvia	2			2
Lithuania	3	1		4
Norway	5	1	2	8
Poland	1	1		2
Romania	3			3
Russian Federation	6	6	6	18
Slovenia	1			1
Sweden	4	4	4	12
Switzerland	2		1	3
Ukraine	1			1
Sum	58	36	28	122





PUNCHING SYSTEM

The SportIdentAir+ touchfree punching system is used in all competitions. The organizers provide the punching SI-cards.

ANTI-DOPING CONTROL

The use of doping is strictly prohibited. Testing will be organized according to the WADA and IOF regulations. (www.wada.org and www.orienteering.org)

MEDIA

The media facilities are available at the event centre including high speed internet access. Accreditation of media representatives is for free, but the media representatives are required to register themselves and their media (televisions, radio, press and photographers) by February 13 2017 to the organizers by email to wsoc2017@mail.ru. The form for media registration and accreditation is available at the event website as of November 15, 2016.

The WSOC2017 media contact person is Julia Romanyuk, phone +7 923 758 2019.

CONTACTS

Orienteering Federation of the Krasnoyarsk Region
Address: Russia, Krasnoyarsk, Krasnoy Armii 3
Phone: +79138326650
E-mail: wsoc2017@mail.ru
Web-site: www.wsoc2017.ru



GOLDEN PARTNERS



OFFICIAL PARTNERS



ORIENTEERING FEDERATION OF THE KRASNOYARSK REGION

Address: Russia, Krasnoyarsk, Krasnoy Armii 3

Phone: +79138326650

E-mail: wsoc2017@mail.ru

www.wsoc2017.ru