



INTERNATIONAL ORIENTEERING FEDERATION



WORLD CUP 2022

Round #1 SWE

Borås/Sweden, 25th-29th May 2022

BULLETIN 4

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BORÅS STAD

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WELCOME

Dear athletes, ladies and gentlemen.

We are proud to welcome You to an intensive weekend in Borås with races in the center of Borås. Borås has a long tradition of orienteering, three times host for O-Ringen, 1968, 1986 and 2015 and every year we manage “O-event”, which is one of the biggest sprint competitions in Sweden.

Thomas Almgren, Event Director

PRE WORDS BY LOCAL REGION

Borås

Borås, the city by Viskan river, is a thriving and vibrant place full of color, nature, art, and design – and in July 2019, the home to Europe’s finest in athletics. As Sweden’s 13th city with over 111,000 inhabitants, Borås perfectly balances between being a big city and a small town. Big enough to encompass a wide range of entertainments, culture and services but small enough to have everything at close range.

A city of sports

Borås has long been a city of sports. The city is blessed with one of the best basketball teams in Sweden, Borås Basket, as well as the football team IF Elfsborg, who always gather a great crowd at Borås Arena. The arena is proudly embellished with a mural of the city’s famous football player Anders Svensson. One of athletics’ greatest, the Olympic champion Carolina Klüft, was also born in Borås and has competed at Ryavallen several times.

Some cities can be a bit humdrum. But then there are cities like Borås that continue to evolve, despite a history of crises and challenges – and that always have an eye on the future. Borås is a city with grand visions, a city that dares to make a statement. It combines creativity, innovative design, street art, e-commerce and globally leading research in textiles. It also offers magnificent nature, outstanding athletic facilities and a rich selection of shops and restaurants. And of course, one of Sweden’s best zoos, right in the heart of town.

Borås has an entrepreneurial spirit of innovative thinking, a travelling peddler’s sense of continuous forward motion, and residents who are proud of their city. Vivacious Borås is a charming city with a grand and modern mien, with much to discover and explore. Welcome to Borås!

A city with a legacy of textiles

From travelling peddlers to mail order sales to e-commerce. Borås has roots in textiles and commerce, a reputation that has been firmly rooted for decades, if not centuries. Today, the well-known travelling peddlers have evolved into entrepreneurs and Borås is home to research on modern textiles, as well as design, fashion and innovation.



Art and culture with international glow

In Borås, you can experience world-class art without any barriers to entry. The city's development as a gallery filled with art, sculptures and street art has been internationally recognized, and Borås is currently a world leader in street art.

So, it's no surprise that residents are proud of their creative and innovative city, where art is uniquely accessible and a natural part of everyone's daily life.



Nature calling

Few cities are surrounded by as much beautiful and varied natural scenery as Borås. Borås is home to Rya Åsar, the most centrally located nature reserve in Sweden, and the city is full of hills that offer dazzling views. The Sjuhärad Trail also passes through town; this 140 km long hiking trail runs through beautiful Sjuhäradsbygden.



Shopping deluxe & a taste of Borås



Downtown Borås has plenty of unique and charming stores, back-to-back with familiar chains. You will find a wonderful mixture of fashion, interior decor, beauty, flowers, watches, food and delicacies – and more. Visit borascity.se for more inspiration and information!

Borås' culinary offering has evolved a great deal in recent years. New restaurants and cafés have opened up one after the next, while old favorites remain that have offered residents and visitors wonderful dining experiences for decades. Which one will be your favorite?



Welcome to Borås!

WORLD CUP 2022

The World Cup 2022 consists of the following 9 competitions.

<i>Comp.</i>	<i>Date</i>	<i>Format</i>	<i>Event</i>	<i>Location</i>
1	26 May	Sprint	World Cup round 1	Borås, Sweden
2	28 May	Knock-out Sprint		
3	29 May	Sprint Relay		
4	3-7 August	Long Distance	World Cup round 2 with European Championships	Rakvere, Estonia
5	3-7 August	Middle Distance		
6	3-7 August	Relay		
7	1-3 October	Relay	World Cup round 3	Davos Klosters, Switzerland
8	1-3 October	Middle Distance		
9	1-3 October	Long Distance		

1. ORGANISATION AND CONTACT

1.1 ORGANISING COMMITTEE

Thomas Almgren
Fredrik Odelberg
Stefan Aroneng
Stefan Eksberg
Morgan Larsson
Magnus Lindberg

Event Director
Race Director
Head of Courses
VIP, Media & Event Center
Finances
Event Director public races

1.2 EVENT ADVISORS

Ivar Maalen
Kjell Blomseth
Henrik Skoglund

IOF Senior Event Advisor, Norway
IOF Assistant Event Advisor, Norway
National Event Advisor, Sweden

1.3 CONTACT ADDRESS

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thomas.almgren@owc2022boras.se
fredrik.odelberg@owc2022boras.se
eventcenter@owc2022boras.se

2. EVENT PROGRAMME

2.1 TUESDAY 24TH MAY 2022

Arrival of the teams	
Event Centre open	16:00-19:00

2.2 WEDNESDAY 25TH MAY 2022

Arrival of the teams	
Model Event, Tullen	9:00-20:00
Event Centre open	9:00-11:00 & 15:00-20:00
Technical Model Event at Event Centre	15:00-20:00
Team Officials' Meeting	17:30-18:30

2.3 THURSDAY 26TH MAY 2022

Arena	Sjöbo Torg
Quarantine check in opens	09:30
Quarantine closes	10:30
Individual sprint	10:30-14:30
First start	10:30
Last start (approximately)	14:00
Flower ceremony	14:20
Prize giving ceremony	14:45
Event Centre open	8:00-9:00 & 17:00-19:00
Technical Model Event at Event Centre	8:00-9:00 & 17:00-19:00
TV broadcast	12:00-14:30

2.4 FRIDAY 27TH MAY 2022

Event Centre opens	15:00-19:00
Technical Model Event at Event Centre	15:00-19:00
Team Officials' Meeting	17:30-18:30

2.5 SATURDAY 28TH MAY 2022

Arena qualification	Byttorps IP
Arena Finals	PA Halls Terass
Knock-out sprint qualification	08:30-10:10
Quarantine check in opens	07:30
Quarantine closes	08:30
Knock-out sprint finals	14:30-18:00
Quarantine check in opens	13:30
Quarantine closes	14:20
Flower ceremony	17:45
Prize giving ceremony	18:00

Event Centre open	16:00-20:00
Technical Model Event at Event Centre	16:00-20:00
TV broadcast	16:00-17:50

2.6 SUNDAY 29TH MAY 2022

Arena	PA Halls Terass
Quarantine check in opens	11:45
Quarantine closes	12:45
Sprint relay	13:10-14:30
Flower ceremony	14:15
Prize giving ceremony	14:45
TV broadcast	13:00-14:30

3. VENUES, ACCESS AND TRANSPORT

The event will be organized in the city of Borås - a famous sport location. O-Ringen was held in Borås in 2015.

Borås is located in the west part of Sweden close to Göteborg that has an international airport. The distance from the airport is only 40 km or 25 minutes. Public bustransport is available. It is also possible to travel to Borås by train from the 3 biggest cities in Sweden (Stockholm, Göteborg & Malmö).

All races are in short distance from Borås Centre. No transport to the races will be organized. Public transportation is possible, see www.vasttrafik.se. This website is also available [in English](#).

Arena Sjöbo

Search from: Allégatan, Borås or your nearest bus stop to: Borås Djurpark, Borås

Arena Byttorp

Search from: Allégatan, Borås or your nearest bus stop to: Byttorpsskolan, Borås

Arena PA Halls Terass

If you are in the centre of Borås the easiest way is to walk.

Search from: your nearest bus stop to: P.A. Halls terrass, Borås or Allégatan, Borås

4. **EVENT CENTRE – Simonsland**



The Event Centre will be located at Simonsland conference center, in the city center of Borås.

Technical Model Event will be at Event Centre during opening hours.

During races the Event Centre will be open at the Arenas.

Event Centre Address:

Viskastrandsgatan 1B

506 30 Borås

57.7268, 12.93717

Event Centre e-mail: eventcenter@owc2022boras.se

Event Centre phone: +46 732-34 81 96

Restaurant The Company in Event Centre (Textile Fashion Centre) offers lunch and café. Showing your accreditation allows you with 10% discount.

Opening hours:

	Lunch	Café:
Monday:	11:30-14:30	08:00-16:00
Tuesday:	11:30-14:30	08:00-17:00
Wednesday:	11:30-14:30	08:00-17:00
Friday:		08:00-17:00
Saturday:		12:00-16:00

5. **ENTRY**

5.1 ENTRIES AND ENTRY DEADLINES

All changes of accreditation and team size must be by e-mail to:
eventcenter@owc2022boras.se

- The deadline for late entries, changes of Team Size or Team Names is 25th May 2022.

Competition entries

- Names of the competitors and SI-card number shall be entered in IOF Eventor before 12:00 (noon) on the day before the competition.
- No late entries or changes will be accepted after 25th May 2022.
- Late entries will be done by organiser and will be charged.

5.2 ENTRY FEES

World cup complete bundle

Competitor	2170 SEK
Team official	700 SEK

Package includes:

- Starting fee for all three competitions
- Maps for model event and competitions

Late entry fees will be applied as given in IOF rules.

5.3 ACCREDITATION

Personal ID Cards will be handed out at Event Centre.

A valid passport is required to get the accreditation. Team officials are allowed to collect all the accreditations for the team if the passports are shown.

At accreditation every team will receive their needed information.

Teams need to provide a telephone number so that organisers quickly can contact key team officials if necessary.

6. EMBARGOED AREAS

The embargoed areas published at IOF Eventor are somewhat adjusted, see IOF Eventor for latest information.

6.1 PREVIOUS ORIENTEERING MAPS

All previous maps are published on [IOF Eventor](#). Note that there is a new map published parallel to the publishing of Bulletin 4.

7. TRAINING/MODEL EVENT

Model Event is held at area “Tullen” is and recommended for training.

Scale	1:4000
Contour interval	2.5 m
Terrain	Urban terrain with small and big buildings. Some grass covered areas and smaller parts of forest.
Map maker	Maths Carlsson
Year published	2022

Maps are available at Event Centre. Printed on same paper as the competitions. OCAD or PDF files can be sent on request, eventcenter@owc2022boras.se.

There are no controls, no kind of punching system.

8. RULES AND GENERAL INFORMATIONS

8.1 COMPETITION RULES

The complete rules for the World Cup 2022 consist of;

- Orienteering competition rules 2022.
- World Cup special rules, 2022.

Latest versions of the rules are found on [IOF webpage](#).

Courses are printed according to the old standard valid until 220131. This affects size of control numbers, control circles and grid for restricted area.

Runners are awarded World Cup points as per World Cup special rules, 2022.

8.2 CLASSES AND PARTICIPATION RESTRICTIONS

There are two classes in individual distances, Women and Men. In relay there is a mix class.

Participation restrictions, classes and qualification system will follow the World Cup special rules, 2022.

8.3 ANTI-DOPING

Doping is strictly forbidden, and the organisers of the World Cup are dedicated to supporting the Anti-Doping authorities in their work. Doping controls may be carried out any time during the competitions in accordance with the procedures described in the WADA International Standard of Testing and Investigations. The latest IOF Anti-Doping rules and the World Anti-Doping Code applies.

Athletes who are selected for doping control must bring an official identification (with photo) to the doping test area. The athlete should also present the personal therapeutic use exemption (TUE) if applicable. In general, it is advisable that athletes take their ID to all competitions and events. For more information, please consult: <https://orienteering.sport/iof/anti-doping/>.

8.4 INSURANCE

The organisers decline any liability that might occur through participation in the IOF World Cup Events and trainings. Each person participates at their own risk and is responsible for their own insurance coverage (illness and accident).

8.5 CLIMATE

The average temperature in Borås during this period is 14-18 degrees Celsius. The average rain in Borås during this period is 0-3 mm. In May it normally rains 13 days in Borås.

8.6 VISA PERMITS

The prerequisite for immigration into Sweden is a valid passport. For travelers from certain countries, a visa or further documents are required.

More information on visas and citizens who require a Visa for entry into Sweden.

- [Information about VISA to visit Sweden](#)
- [List of foreign citizens who require Visa for entry into Sweden](#)

An invitational letter for VISA to facilitate the processing of visas and/or documents needed to be able to attend the competition can be found in IOF Eventor for the competition (Documents and links).

8.7 ATHLETE'S LICENCE

All athletes must have a valid IOF [Athlete's License](#) to participate in the World Cup races.

9. MEDIA SERVICES

Accommodation will be at [Quality Hotel Grand](#).

Hallbergplatsen 2
503 30 Boras
Phone:

+46 337 99 00 00
+46 337 99 00 08

q.grand.boras@choice.se



Media services is at The Event Centre Simonsland Textile Fashion Center,
Viskastrandsgatan 1B, 506 30 Borås

Accreditation is done in IOF Eventor or by mail to stefan.eksberg@outlook.com

10. COMPETITION INFORMATIONS

10.1 TECHNICAL ISSUES

The punching system used is SportIdent Air+.

Touchfree SPORTident Air+ punching will be used. Participants are asked to use their own SIAC-cards during the event. Every participants will also get an “backup SIAC-cards” that will be handled over in the quarantine, backup SIAC-cards should be returned at finish.

The organiser will offer rental SIAC-cards which shall be booked in the official entry system IOF Eventor. After successful registration of the team size entry, the option to book a service becomes visible in IOF Eventor. Rented SIAC-Cards must be handed in at the read-out of the Sunday’s sprint. Missing SIAC-Cards will be charged with 80 EUR/card.

The technical specification for maximum distance to record a punch is 30 cm.

Check of function and battery status for the SIAC-cards will be done in the quarantine, runners with not functional SIAC-cards will be offered rental SI-chip.

If an athlete presents a different SIAC number compared to the published start list at the prestart check-in, the presented SIAC will be taken away and replaced with a rental SIAC-card. This new SIAC shall be used throughout all upcoming competitions of the event. At the end of the event the confiscated SIAC will be returned by handing in the rental SIAC. Please make sure that during the entry process the correct SIAC number is entered in the online entry system used.

Start timing Sprint relay and Knock-out Sprint Finals: Mass start. Listen to the commands of the start official. Start signal will be given through the start official. Early start leads to disqualification.

The running times will be rounded down to the nearest second.

GPS-Seuranta will be used as tracking system.

Sprint 40 last starting in Women and Men

Knock-out sprint Semifinal and final

Relay A list of selected teams will be presented at team official meeting

It is mandatory so carry GPS for those runners that are on the list.

Please bring your own GPS-vest (hygienic reasons). The vest must have a fitting the unit that is 66x37x21 mm and 64 grams (Queclink GL-300). The organiser provides GPS-vests for those that does not have own. Not returned will be charged to the federations. Personal GPS data loggers are only allowed if they have no display or audible feedback. No GPS watches are allowed, there will be checks at the start.

10.2 MAPS

Scale	1:4000
Contour interval	2.0 m
	2.5 m (KO Qualification)
Map maker	Maths Carlsson

All competition maps are according to ISSprOM 2019-2

All competition maps are printed on plastic paper. Warm up and cool down maps are on paper, and printed on a color printer only.

10.3 CLOTHING

No restrictions in clothing, however shoes cannot have metal studs.

11. EVENT INFORMATION

11.1 QUARANTINE

Arriving at the quarantine, the athletes have to check in by showing their accreditation card and sign the list before the quarantine closes. No-one will be allowed into the quarantine area after the deadline.

- Athletes will get number bibs and warm-up maps when entering the quarantine. Athletes must wear the number bib on front and back.
- Warm-up maps are considered as part of quarantine.
- All competitors are strongly advised to perform the SIAC battery test and in case of low battery indication request an SIAC replacement at the quarantine check-in desk.
- All quarantines offer covered area/buildings. You may stay inside or outside.
- Toilets and water are available.
- No own team tents will be allowed at all the quarantines.
- Coaches and athletes can leave quarantine any time, but once they have left, they are not allowed to return.
- The use of mobile phones, computers or any communication device inside the quarantine is strictly forbidden.
- It is not allowed to bring any maps into the quarantine zones.

11.2 PRE-START AND START

Quarantine	<ul style="list-style-type: none"> Runners choose their own time to leave quarantine. It is the competitor's responsibility to watch for his/her start time.
Distance quarantine – pre-start (call up)	<ul style="list-style-type: none"> There is a warm up map showing route to pre-start. Warm up map is included in quarantine area. Individual: 1500 meter Knock-out qualification: 500 meter Knock-out quarter finals: 600 meter Knock-out semi-finals and final: at the arena
Pre-start (call up)	<ul style="list-style-type: none"> Check SI cards (number and function) and number bibs There will be a toilet at all pre-starts
Distance pre-start (call up) – time start	<ul style="list-style-type: none"> Individual: 250 meter Knock-out qualification: 100 meter Knock-out quarter finals: 200 meter Knock-out semi-finals and final: at the arena
-3 min	<ul style="list-style-type: none"> Call up Take position in the correct corridor SIAC check
-2 min	<ul style="list-style-type: none"> Pick up the control description (individual and KO qualification)
-1 min	<ul style="list-style-type: none"> In case of course choice: <ul style="list-style-type: none"> 3 choices are shown for 20 seconds the runner chooses a course (rolled maps, letters A/B/C on the table in front of the map) ready to start at -30'' Take position behind the starting line
Start time	<ul style="list-style-type: none"> An official releases the competitor at the start beep by taking his hand off the competitor's shoulder. 5 seconds before start the count-down begins with short beeps and a long beep at the start time. Runner takes the map (individual and qualification)
Distance time start – start triangle	<ul style="list-style-type: none"> Individual: 60 meter Knock-out qualification: 40 meter Knock-out quarter finals: 175 meter Knock-out semi-finals and final: 40 meter Relay: 70 meter
Start triangle	<ul style="list-style-type: none"> The start triangle is marked in the terrain by a control flag. The route to this flag is marked and compulsory for the competitors to follow all the way to the start point.

- The pre-start is marked on the warm-up map.
- There are always toilets available at the prestart.
- Only athletes registered for that race have access beyond the pre-start.

Once the athletes pass the pre-start, they are not allowed to go back to the quarantine. It is the competitor's responsibility to watch for his/her start time. In mass start, the remaining time to the start will be announced in English.

The start triangle is marked in the terrain by a control flag. The route to this flag is marked and compulsory for the competitors to follow all the way to the start point. For specific details, see descriptions in each competition's section. The detailed start procedure will not be demonstrated.

Start timing Knock-out qualification and Sprint: It's the competitor's responsibility to start at the correct time. The start beep and a visible start clock will show the count-down. Early start leads to disqualification.

Start timing Sprint relay and Knock-out Sprint Finals: Mass start. Listen to the commands of the start official. Start signal will be given through the start official. Early start leads to disqualification.

Finish timing all races: The finish time will be taken when the SIAC-cards crosses the finish line. In case of a head-to-head run in in the mass start races the finish judges will rule on the final placings based on the order that the competitors' chest cross the finish line.

11.3 LATE START

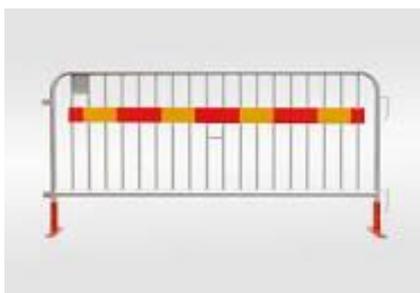
Competitors who are late for their start will be starting between the next start intervals. If the lateness is the fault of the competitor, they will be timed as if they had started at their allocated start time. Competitors who are late through the fault of the organiser will be timed with their real start time.

11.4 ARTIFICIAL BARRIERS

Artificial barriers will be used. They are marked on the map with the purple symbol 708 (out-of-bounds boundary) and the out-of-bounds symbol behind to clarify the situation. At some places there will be two symbols of 708 with a grid in between. In the terrain, there is a mobile fence with white IOF ribbon on top to show these barriers. Sample barriers will be found at the technical model event.

Flowerpots are used for some control placements during the race (150 cm of height). They are mapped with a black cross (symbol 531 prominent manmade feature) and in the control description the special item 6.1 (cross) is used.

Some hedges have been removed since the printing of the map. They are marked with white IOF ribbons and shall not be passed.



11.5 CROSSING OF MAJOR STREETS

Major streets are marked with the out of bounds-symbol and may only be crossed through a tunnel or at zebra crossings indicated by intervals in the out of bounds-symbol. In the terrain the zebra crossings are emphasized by orange cones (1,1m) and white IOF plastic tape. You must cross the street between the cones indicating the zebra crossing. Crossing elsewhere will lead to disqualification.

11.6 COACHING ZONE

There will be coaching zone at all competition except KO qualification.

11.7 FINISH

Competitors must follow the marked route from the last control to the finish.

After the finish:

- Return the competition map
- Download SIAC data. Should the punch check indicate a miss-punch the competitors are taken through a special procedure before continuing.
- Returning GPS unit and also the backup SIAC-cards.
- Go forward to the mixed zone where journalists may ask question and make short interviews.
- Leaves the arena at the designated exit after cool-down and change of clothes. Only the officially accredited team coaches will have access to the finish zone to welcome incoming runners. Athletes shall be ready for live interviews with the speaker or TV.

11.8 QUITTING A RACE

Athletes who are forced to abandon a race must report to the finish staff and hand in their competition maps. A retiring athlete may not influence any other competitor.

11.9 MEDIA CONTROLS

Athletes may meet TV staff or journalists/photographers near control points, not marked in the control description. All controls are also guarded by the organizers.

11.10 CEREMONIES

Flower Ceremony

Only a few minutes after the conclusion of the race, there will be a flower ceremony for the best 3 athletes on the stage with live broadcasting on TV. Please be ready for this award if you are on the podium.

Prize giving ceremonies

Athletes ranked on positions 1 – 6 are kindly requested to line up behind the stage 10 minutes prior to the prize giving ceremonies. It's the athletes' responsibility to be there on time. Otherwise, an athlete will miss out on the prize money! Athletes taking part in the prize giving should wear their national team uniform. All prize giving ceremonies take place in the finish areas.

11.11 COMPLAINTS AND PROTESTS

Complaints/protest must be handed over in writing using the official form to an event official in the finish area at the info point no later than 15 minutes after the official results have been published (separately for women and men; announced by the speaker). In the Knock-out Sprint, any complaint shall be made to the organizer not later than 3 minutes after the corresponding heat results are published in the finish area. A complaint may initially be made orally at Event Centre but must subsequently be in writing.

11.12 JURY

Aron Less, HUN – Helge Lang Pedersen, DEN – Carl-Göran Strutz, SWE

11.13 INDIVIDUAL SPRINT

Map and terrain

Terrain	Urban terrain with small and big buildings. Some grass covered areas and smaller parts of forest parks. 65% asphalt and 35% grass.
Forms	Flat to medium hilly.
Traffic	Local traffic, roads are not closed for traffic.

Courses

	<u>Women</u>	<u>Men</u>
Winning time	15:00 min	15:00 min
Course length	3600 m	4280 m
Total climb	60 m	80 m
Number of controls	26	26
Maximum time	45 min	45 min

Course setters	Carl-Henry Andersson Filip Grahn Fredrik Sundström
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Format	<p>Sprint distance, no qualification. The starting order is determined by the order of the Sprint World Ranking as of May 25:th 2022 (best ranked starting last). The starting interval and sequence will be as follows:</p> <p><u>1st block</u>: for those outside the 40 best-ranked competitors entered, interval 1 minute, men and women starting and running at the same time</p> <p><u>2nd block</u>: the 40 best-ranked men, interval 1.5minutes</p> <p><u>3rd block</u>: the 40 best-ranked women, interval 1.5 minutes</p>
Control descriptions	<p>Separate control descriptions are handed out at -3'. Maximum size 21x6cm</p>
Quarantine	<p>Parkhallen Borås 57.73997, 12.93902. Parking just outside quarantine, opening times see above. From quarantine and pre-starts, coaches are allowed to go to the arena/finish.</p>
Check-in	<p>By signing-in at the quarantine by 10:30 at the latest. There you will receive your number bib, backup SIAC and the warm-up map. GPS vests will also be given to 40 last starting athletes to wear a GPS (you may use your own vest as well).</p>
Clothes	<p>Transport from the quarantine to the after-finish zone. Please leave your bags at the marked zone in the quarantine 15 minutes before start. No transport of warm-up clothes from pre-start to the after finish zone. Please limit your volume of your bags. Your competition bag will be transported to the after-finish zone. You have to leave your competition bag in the marked zone when you leave the quarantine</p>
Warm-up map	<p>There is a warm-up map without controls but including marked route to pre-start. There will be plastic tapes in color orange/white marking the route to pre-start. You are not allowed to leave the area marked on the warm-up map.</p>
Maps	<p>The class will be visible for the athletes. Runners are responsible to get the correct map. There is a map flip during the race. The first part of the course facing up on the map table. The last control of the first part is the start triangle of the second part. Control numbers are continuous. There will be an arena passage. The passage will be clearly marked on the map and on the ground. Arena passage to the left and finish to the right</p>
Finish	<p>Sjöbo Torg 57.74952, 12.94319. No indoor facilities are available in the after-finish zone. Teams are not allowed to set-up their own tents. There are no parking possibilities close to the finish. Teams use the same parking as for the public, 1200m</p>

from the finish/arena. It is not allowed for teams to visit the finish area before their start and it is not allowed for coaches to go to the quarantine / start / pre-start area if you have been at the finish area

Cool-down zone It is only allowed to run in the area indicated on the cool-down map available at the finish. For departure, teams are allowed to leave the arena and go back to the parking via the indicated route. However, it is strictly forbidden to go back to the quarantine before 15:10 (e.g. to pick up travel bags)

11.14 KNOCKOUT-SPRINT

Knockout sprint competition conducted according to rule 12.26 and the Knock-Out Sprint format description document.

For the elimination rounds, the courses may incorporate forking/splitting systems:

- No forking
- Forking with loops
- «Course Choice Model» where each competitor picks one of three options (for details see the Knockout Sprint format description document).

There will be no announcement in advance which method is used in which round.

Terrain Qualification: Sub-Urban terrain with mix of hard covered areas 65%, grass 32% and forest 3%. Grass is a mix of lawn and field. Finals: Urban terrain with small and big buildings. Some grass covered areas and smaller parts of forest parks. Quarter final: 34% forest, 52% asphalt 14% grass. Semifinal and final: 90% asphalt, 10% grass.

Forms Qualification: Flat to medium hilly. Elimination rounds and Final: Mostly flat.

Traffic Local traffic in most streets is not closed for traffic.

Courses

Total climb	Women	Men
Qualification	40-52	45-47
Quarter final	64	68
Semifinal	20	22
Final	38	38
Winning time	Women	Men
Qualification	8:50-9:00	9:05-9:20
Quarter final	7:00	7:00
Semifinal	7:00	7:00

Final 7:30 7:00

<u>Course length</u>	<u>Women</u>	<u>Men</u>
Qualification	2160-2200 m	2475-2555 m
Quarter final	1860 m	2045 m
Semi final	2045 m	2130 m
Final	2090 m	2090 m

<u>Number of controls</u>	<u>Women</u>	<u>Men</u>
Qualification	17-18	20-21
Quarter final	13	15
Semi final	13	13
Final	13	13

Maximum running time 30 minutes.

Course setters Qualification: David Hallberg, Elsa Lindeblom
Finals: Victor Helgesson, Emil Karlsson, Elsa Lindeblom

Parking At the Qualification in the streets in the neighborhood or at the public parking shown from Göteborgsvägen/Symfonigatan, RISE parking. You are not allowed to go back to quarantine after parking at RISE. At the finals parking in the streets or the parking in Bäckängskolan (Arena). You have to leave the competitors before parking at the arena after you parked in arena you are not allowed to go to the quarantine.

Quarantines All quarantines offer shelter and toilets. No meal service or cooking possibilities will be available in the quarantines.

KNOCK-OUT QUALIFICATION

Format Qualification race with 3 heats in both classes. 1' start interval with 3 runners starting at the same time. The start order in each qualification heat is determined strictly by the order of the Sprint World Ranking as of 25 May 2022 (highest ranked start first). The top 12 runners in each heat qualify for the quarter final. In a case of a tie, the higher ranked runner in the Sprint World Ranking as of 25 May 2022 gets the better place.

Control descriptions Maximum size 16 x 6 cm.

Quarantine Centre 57.72400, 12.91114 Access by car only from Vindelgatan. There is no possibility to park next to the quarantine. Cars must move to the official parking. The quarantine is open from 7:30-8:30

Check-in By signing-in at the quarantine by 8:30 at the latest. There you will receive your number bib and the warm-up map.

Clothes Transport from the quarantine to the after-finish zone. Please leave your bags at the marked zone in the quarantine 15

minutes before start. No transport of warm-up clothes from pre-start to the after-finish zone. Please limit your volume of your bags. Your competition bag will be transported to the after-finish zone. you must leave your competition bag in the marked zone when you leave the quarantine

Warm-up map There is a warm-up map without controls. You are not allowed to leave the area marked on the warm-up map.

Maps Class and heat written is written on the back. Runners are responsible to get the correct control description and map.

Finish Byttorps IP, 57.72458, 12.90245. There is possibility to shower in the club house. It is okey for Teams to set-up their own tents. There are no parking possibilities close to the finish. Teams use the official parking. It is not allowed for teams to visit the finish area before their start and it is not allowed to go to the quarantine /start / pre-start area if you have been at the finish area

Cool-down zone It is only allowed to run in the area indicated on the cool-down map available at the finish.

KNOCK-OUT FINALS

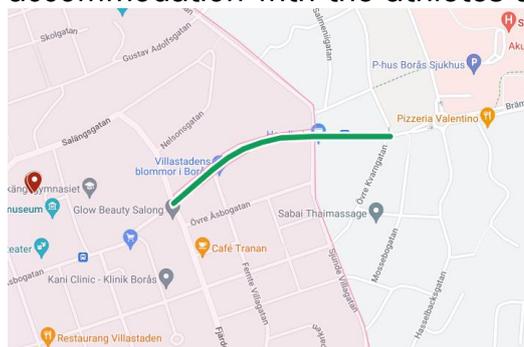
Format 6 quarter finals, 3 semi-finals and 1 final per class with 6 runners in each final. Top 3 from each heat of the quarter final and the top 2 from each heat of the semi final qualify for the next round.

Quarter finals					
QF1	QF2	QF3	QF 4	QF5	QF6
1 H3	2 H2	1 H1	2 H3	1 H2	2 H1
4 H1	3 H3	4 H2	3 H1	4 H3	3 H2
5 H2	6 H1	5 H3	6 H2	5 H1	6 H3
8 H3	7 H2	8 H1	7 H3	8 H2	7 H1
9 H1	10 H3	9 H2	10 H1	9 H3	10 H2
12 H2	11 H1	12 H3	11 H2	12 H1	11 H3

Semi-finals			Final
SF1	SF2	SF3	
QF1 #1	QF3 #1	QF5 #1	SF1 #1
QF1 #2	QF3 #2	QF5 #2	SF1 #2
QF1 #3	QF3 #3	QF5 #3	SF2 #1
QF2 #1	QF4 #1	QF6 #1	SF2 #2
QF2 #2	QF4 #2	QF6 #2	SF3 #1
QF2 #3	QF4 #3	QF6 #3	SF3 #2

Quarantine Bäckängskolan, Fjärde Villagatan 6, 57.72194, 12.95105. When driving to the quarantine use R40 to exit 87, go by

Åsvägen and Brämhultsvägen to get to the quarantine drop off. R42 is allowed to use through the embargoed area. If you arrive on foot you must stay outside the embargoed area at all times. The quarantine is open 13:30-14:20. From quarantine and pre-starts, coaches are not allowed to go to the arena/finish. Only after the start of the women's final, they are allowed to go to the arena. They may leave the quarantine going to the parking to drive back. From quarantine and pre-starts, coaches are not allowed to go to the arena/finish. Only after the start of the women's final, they are allowed to go to the arena. They may leave the quarantine going to the parking to drive back to the accommodation with the athletes after each round is finished.



- | | |
|-------------|---|
| Check-in | By signing-in at the quarantine by 14:20 at the latest. There you will receive your number bib and the warm-up map. GPS vests will also be given to all athletes to wear a GPS (you may use your own vest as well). |
| Clothes | Transport from the quarantine to the next quarantine Please leave your bags at the marked zone in the quarantine. No transport of warm-up clothes from quarantine or pre-start to the after-finish zone in quarterfinal and semi-final. Clothes/bags from the participants in the final will be transported to the after-finish zone. |
| Warm-up map | There is a warm-up map without controls. You are not allowed to leave the area marked on the warm-up map. For the semi-finals it is not allowed to run on the warm-up map and to the pre-start before 14:15. For the finals it is not allowed to run on the warm-up map and to the pre-start before 16:00. There is a small warm-up area without map in the quarantine. |
| Start | See table in 11.2 |
| Maps | Runners are responsible to get the correct map. Control descriptions are only printed on the map. There is a map flip during the race in final. These maps are rolled with the first part of the course facing the inside of the roll. The first part finishes with a compulsory route to the new start triangle. The second part is |

on the other side of the map where the course starts with the new start triangle. The start triangle is marked with a control flag in the terrain. Control numbers are continuous.

Finish PA Halls Terass 57.72165, 12.94802. Indoor facilities are available in the after-finish zone. No shower possibilities. It is okay for Teams to set-up their own tents. It is not allowed for teams to visit the finish area before their start and it is not allowed for coaches to go to the quarantine / start / pre-start area if you have been at the finish area. Please be aware, that the area around the arena is embargoed terrain for the sprint competition on Sunday.

Cool-down zone It is only allowed to run in the area indicated on the cool-down map available at the finish. The cool-down after each round leads you back to the quarantine for the next round and to your bags. All runners must return to the quarantine and stay there until the results of all heats of the respective round and class are official. After that, those runners who are not qualified to the next round should go back to their accommodation.

11.15 SPRINT RELAY

Format

Sprint relay, mass start. 4 legs (Women-Men-Men-Women). A team consisting of 4 competitors (2 men and 2 women). It is possible to have mixed team including runners from different countries. The starting order is determined by the results from WOC 2021, thereafter in alphabetical order.

Map and terrain

Terrain Urban terrain with small and big buildings. Some grass covered areas and smaller parts of forest parks. 90% asphalt, 10% grass. Temporary roadworks occur, they are marked with the out of bounds symbol

Forms Flat. To somewhat hilly

Traffic Local traffic and pedestrian streets are not closed for traffic.

Courses

Total climb Leg 1 & 4: 65 m
Leg 2 & 3: 70 m

Winning time Leg 1 & 4: 14:15 min
Leg 2 & 3: 14:00 min

Course length Leg 1 & 4: 3610 m
Leg 2 & 3: 3930 m

Number of controls Leg 1 & 4: 17
 Leg 2 & 3: 18

Maximum running time 90 minute

Course setters Filip Grahn
 David Hallberg
 Hugo Håkansson

Control descriptions No separate control descriptions, only on the map. No control codes beside the control numbers on the printed map.

Quarantine Bäckängskolan, Fjärde Villagatan 6, 57.72194, 12.95105. When driving to the quarantine use R40 to exit 87, go by Åsvägen and Brämhultsvägen to get to the quarantine drop off. R42 is allowed to use through the embargoed area. If you arrive on foot you must stay outside the embargoed area at all times

Check-in By signing-in at the quarantine by 12:45 at the latest. There you will receive your number bib and the warm-up map. GPS vests will also be given to all athletes in the quarantine (you may use your own vest as well).

Clothes Transport from the quarantine to the after-finish zone. Please leave your bags at the marked zone in the quarantine. No transport of warm-up clothes from pre-start to the after-finish zone

Assembly area The assembly area for runners before their leg is at the pre-start (north end of the quarantine). GPS units will be given to selected athletes.

Mass start The assembly area opens -15min before the mass start and closes -10 min before the mass start. The runner takes his rolled map from the map wall, it is not allowed to open the roll before the start signal. Emergency toilet upon request to a staff member only (without map!).

Change-over The entrance to the waiting zone is at the pre-start (north end of the quarantine). GPS units are given at the gate. The runner takes his rolled map from the map wall, it is not allowed to open the roll before the hand-over. Emergency toilet upon request to a staff member only (without map!). It is the runner's responsibility to be in time at the waiting zone. From the waiting zone runners will be called into the change-over area by the officials. From there one can see your foregoing runner coming towards the finish and hear the speaker announcing the runners. When your runner arrives, you may step to the change-over barrier. The

change-over is done after crossing the finish line by hand touch across a separation barrier. The outgoing runner is allowed to open the map immediately after the change-over.

Time schedule

13:00 Leg 1 leave quarantine
13:10 Start
13:20 Leg 2 leave quarantine
13:24 Change over Leg 2
13:34 Leg 3 leave quarantine
13:38 Change over Leg 3
13:48 Leg 4 leave quarantine
13:52 Change over Leg 4
14:06 Finish Leg 4

Maps

The maps are rolled and closed with a rubber band. In the waiting zone it is the runner's responsibility to take the correct map from the map wall themselves. You will keep the rolled map in your hand until you can start. You are not allowed to remove the rubber band or to peek into the roll before you start. The maps are marked with the start number and the leg number. The first part of the course is on the inside of the roll. Mass start for 4th leg runners 10 min after the first change-over for the 4th leg.

Reserve maps

Reserve maps are ready in the waiting area nearby the map wall. Please contact the staff as soon as you have noticed that your map is not on the map wall anymore.

Map flip

There is a map flip during the race for both women and men. The second part of the course is on the backside of the map. So just turn the map. The start of the second part is marked with a start symbol on the map and is at the same place as the starting point of the first part. Control numbers are continuous.

Finish

PA Halls Terrace 57.72165, 12.94802. Indoor facilities are available in the after-finish zone. No shower possibilities. It is not allowed for teams to visit the finish area before their start and it is not allowed for coaches to go to the quarantine / start / pre-start area if you have been at the finish area

Cool-down zone

It is only allowed to run in the area indicated on the cool-down map available at the finish.

12. PRIZE MONEY

Prize money in the World Cup 2022 is distributed according to the following schedule. All prizes are set in Euro.

Place	Individual race	Relay race	Total Individual World Cup
1	1000	1000	5000
2	700	700	2000
3	400	400	1000
4	200		600
5	200		500
6	200		400

13. PUBLIC RACES

13.1 PUBLIC RACE 1, THURSDAY 26TH MAY - SPRINT

First start 15.00.

Arena SJÖBO, same as individual sprint.

For more info, see Swedish Eventor or our website.

13.2 PUBLIC RACE 2, FRIDAY 27TH MAY - MIDDLE DISTANCE

First start 10.00.

Arena Osdal, middle distance (forest).

For more info, see Swedish Eventor or our website.

13.3 PUBLIC RACE 3, SATURDAY 28TH MAY - MIDDLE DISTANCE

First start 10.00.

Arena Byttorp, same as knock out sprint Qualification.

Middle distance (forest)

For more info, see Swedish Eventor or our website.



INTERNATIONAL ORIENTEERING FEDERATION