



# **World Orienteering Championships**

*Denmark 26-30 June 2022*

## BULLETIN 4

Version 2



WELCOME.....	1
WELCOME BY THE MAYORS .....	2
SPONSORS AND PARTNERS .....	2
ORGANISERS AND INSTITUTIONAL PARTNERS .....	3
1. ORGANISATION AND CONTACT .....	4
2. EVENT PROGRAMME .....	5
3. VENUES, ACCESS, AND TRANSPORT.....	6
4. EVENT CENTRE.....	7
5. ENTRY .....	9
6. ACCOMMODATION AND FOOD.....	11
7. EMBARGOED AREAS.....	12
8. TRAINING .....	17
9. RULES AND GENERAL INFORMATION .....	18
10. MEDIA.....	20
11. GENERAL COMPETITION INFORMATION .....	20
12. EVENT INFORMATION.....	29
13. SPECTATOR RACES (WOC TOUR) .....	41
14. OTHER.....	42
15. COVID-19.....	42
16. APPENDIX.....	43

Version 2 (2022-06-21): Links to mandatory routes changed, minor edits

## WELCOME

Dear athletes, ladies, and gentlemen

The WOC 2022 organising team warmly welcomes you to WOC 2022, the first sprint World Orienteering Championships ever. The event is organised by 5 local orienteering clubs strongly supported by the three municipalities Kolding, Fredericia, and Vejle. We have now reached the end of our preparations and we are ready and eager to present exciting orienteering competitions for the athletes. First, the Sprint Relay will take place from a fantastic arena at the Koldinghus Castle. After this, we move to the second of the three main towns in the Triangle Area, Fredericia. Another type of terrain and certainly also another type of competition. For the first time, the Knock-Out Sprint format will be a part of WOC, and we are determined to show that this new format will add a different dimension to the sport of orienteering. The last day of WOC will take place in Vejle with the traditional sprint held in a vibrant urban environment. While enjoying the competitions we also hope that you will find time to explore and enjoy our local culture, beautiful nature, and interesting attractions.

Good luck!

Flemming Jørgensen  
*Event Director*

Per Eg Pedersen  
*Event Director*

Dorthe Bloch Rosenvinge  
*Event Director*

# World Orienteering Championships 2022

## WELCOME BY THE MAYORS

We look forward to bidding the world's orienteering elite welcome to exciting and challenging races in Kolding. Our town is studded with historical and modern features, which will make an attractive setting for the races, and I am certain that our citizens will contribute to creating a festival worthy of a world championships. I also hope too that we will have masses of guests visiting us, who over and above the races will enjoy our many attractions, amongst others an old royal castle, a high-class art museum, the UNESCO-town Christiansfeld and top-class shopping.

Knud Erik Langhoff, *Mayor of Kolding*

I am looking forward to bidding the world's elite orienteers welcome to Fredericia! The Knockout Sprint will take place in the beautiful and historic centre of Fredericia, which will make a fantastic setting for the highly intensive race. I hope the event will give both citizens and athletes a unique experience of our city. Fredericia is a historic site of major battles, and I hope that both athletes and guest will take time to enjoy our many historic attractions like the beautiful ramparts and our unique city centre with great shopping opportunities.

Steen Wrist, *Mayor of Fredericia*

We are proud to be able to bid the World Championships welcome to the Triangle Region and look forward to providing the backdrop for the final races of some fantastic days in our area. With the World Championships we continue growing the number of big international championships and events hosted in our area. We look forward to the Individual Sprint taking place in our town on 30 June, and to give a sample of what Vejle can offer by way of attractive architecture, exciting adventures, and huge support from masses of spectators in Denmark's best shopping town.

Jens Ejner Christensen, *Mayor of Vejle*

## SPONSORS AND PARTNERS

### NATIONAL EXCLUSIVE SPONSORS



### PARTNERS



### SUPPORTER PLUS



### SUPPORTERS



## ORGANISERS AND INSTITUTIONAL PARTNERS

### INSTITUTIONAL PARTNERS

Sport Event Denmark  
The Triangle Region  
Vejle Municipality  
Kolding Municipality  
Fredericia Municipality  
Region of Southern Denmark

### ORGANISERS

Danish Orienteering Federation (DOF)  
Kolding OK  
OK FROS  
OK SNAB  
OK MELFAR  
OK GORM



## 1. ORGANISATION AND CONTACT

### ORGANISING COMMITTEE

Flemming Jørgensen	Event Director – Competition, IT, Arena & Media
Per Eg Pedersen	Event Director – WOC Tour, HR, VIP & Sponsors
Dorthe Bloch Rosenvinge	Event Director – Office and Marketing
Claus Lyngby	Arena Manager
Thomas Gabs	IT Manager
Grethe Buch	HR Manager
Carsten Lind	WOC Tour Manager
Susanne Højholt	Design Manager
Lars Thestrup	Safety and Medical
Anne Mette Abplanalp	Event Centre
Thomas Kokholm	Media Services
Henrik Simmelkjær	VIP

### EVENT ADVISORS

Daniel Leibundgut	IOF Senior Event Adviser, SUI
Carl-Göran Strutz	IOF Assistant Event Adviser, SWE
Finn Arildsen	IOF IT Assistant Event Adviser, DEN
Troels Christiansen	National Event Adviser, DEN

### CONTACT INFORMATION

Official information: <https://eventor.orienteering.org/Events/Show/6864>  
Website: <https://www.woc2022.dk/>

WOC2022 Office: Dorthe Bloch Rosenvinge  
E-mail: [office@woc2022.dk](mailto:office@woc2022.dk)  
Phone: +45 6130 0402  
Opening hours: working days 8:00-16:00

Competition: Flemming Jørgensen  
E-mail: [flemming.joergensen@woc2022.dk](mailto:flemming.joergensen@woc2022.dk)  
Phone: +45 2177 7769

### OTHER CONTACTS:

Accounts/invoices: [invoice@woc2022.dk](mailto:invoice@woc2022.dk)  
Accommodation: [accommodation@woc2022.dk](mailto:accommodation@woc2022.dk)  
Training: Terkel Knudsen, [training@woc2022.dk](mailto:training@woc2022.dk)



# World Orienteering Championships 2022

## 2. EVENT PROGRAMME

### THURSDAY 23 JUNE 2022

Event Office open, Comwell 15:00-19:00

### FRIDAY 24 JUNE 2022

Event Office open, Comwell 09:00-19:00

### SATURDAY 25 JUNE 2022

Event Office open, Comwell 09:00-12:00

Model Event and Technical Model Event 10:00-13:00

Deadline for late entries and changes 12:00

Competition entry deadline, Sprint Relay 12:00

Event Office open, Comwell 16:00-19:00

Team Officials Meeting, Sprint Relay, Comwell 17:00-17:30

### SUNDAY 26 JUNE 2022

Event Office open, Comwell 09:00-12:00

Event Office open, Arena Koldinghus 15:00-19:00

Quarantine check-in deadline 16:00

Opening Ceremony, Arena Koldinghus 16:30

Sprint Relay, start, Arena Koldinghus 17:30

Flower ceremony, Arena Koldinghus 18:40

Medal Ceremony, Arena Koldinghus 18:55

Open press conference on stage 19:10

### MONDAY 27 JUNE 2022

Event Office open, Comwell 09:00-12:00

Competition entry deadline, Knock-Out Sprint 12:00

Event Office open, Comwell 16:00-19:00

Team Officials Meeting, Knock-Out Sprint 17:00-17:30

### TUESDAY 28 JUNE 2022

Quarantine check-in deadline, KO qualification 08:15

Event Office open, Arena Østerstrand 08:30-12:30

First start, KO qualification 09:30

Estimated last start, KO qualification 10:45

Heat Selection, Arena Østervold (teams only) 12:00

Quarantine check-in deadline, KO Quarter-final 14:45

Event Office open, Arena Ryes Plads 15:00-20:30

Start KO Quarter-final, Men 16:00-16:30

Start KO Quarter-final, Women 16:36-17:06

Quarantine check-in deadline, KO Semi-final, Men 17:20

Quarantine check-in deadline, KO Semi-final, Women 17:40

Start KO Semi-final, Men 17:45-18:09

Start KO Semi-final, Women 18:21-18:45

Quarantine check-in deadline, KO Final, Men 18:45

Quarantine check-in deadline, KO Final, Women 19:02

Start KO Final, Men 19:02

Start KO Final, Women 19:22

Flower ceremony, Arena Ryes Plads 19:35

Medal Ceremony, Arena Ryes Plads 19:45

Open press conference on stage 20:05

### WEDNESDAY 29 JUNE 2022

Event Office open, Comwell 09:00-12:00

Competition entry deadline, Sprint 12:00

Event Office open, Comwell 16:00-19:00

Team Officials Meeting, Sprint 17:00-17:30

### THURSDAY 30 JUNE 2022

Quarantine check-in deadline, Sprint qualification 08:15

Event Office open, Arena Vestre Stadion 08:00-12:30

First start, Sprint qualification 09:30

Estimated last start, Sprint qualification 10:45

Event Office open, Arena Byparken 15:00-21:00

Quarantine check-in deadline 16:15

Start, Sprint Finals, Men 17:51-18:35

Start, Sprint Finals, Women 18:51-19:35

Flower ceremony, Men, Arena Byparken 18:55

Flower ceremony, Women, Arena Byparken 19:55

Medal Ceremony, Arena Byparken 20:15

Open press conference on stage 20:35

Closing Ceremony, Arena Byparken 20:50

Dinner and Farewell Party, Comwell 21:45-03:00

## 3. VENUES, ACCESS, AND TRANSPORT

### 3.1 OVERVIEW

WOC 2022 is held in the Triangle Region in Jutland. The core of the Triangle Region comprises the three towns Vejle, Kolding, and Fredericia. These towns are the venues for the three sprint events of WOC. The Event Centre is located at the Comwell Hotel in Kolding.

### 3.2 TRAVEL OPPORTUNITIES AND TRANSPORT

The Triangle Region is easy to access by road (car or bus), railway and air. Road and railway infrastructure is good with easy access between all competition venues.

Please be aware that extended embargo restrictions will apply from 19 June 2022:

- After 19 June, all previously open roads will be closed in all embargoed areas.
- After 24 June, it is also not allowed to pass through Kolding and Vejle by train.
- Also note that the railway station in Vejle will be under full embargo on the race day 30 June.

Please read the information about the embargo restrictions carefully (Section 7).





## 3.3 COMPETITION ARENAS

The WOC competition arenas will be situated at the following locations:

### **Sprint Relay – Arena Koldinghus**

GPS coordinates: [55.491334, 9.475611](#)

Address: Koldinghus, DK-6000 Kolding, Denmark

Distance from Event Centre: 2 km

### **Knock-Out Sprint Qualification – Arena Østerstrand**

GPS coordinates: [55.567709, 9.768040](#)

Address: Øster Voldgade 9, DK-7000 Fredericia, Denmark

Distance from Event Centre: 26 km

### **Knock-Out Sprint Finals – Arena Ryes Plads**

GPS coordinates: [55.564101, 9.757222](#)

Address: Sjællandsgade 31-33, DK-7000 Fredericia, Denmark

Distance from Event Centre: 25 km

### **Sprint Qualification – Arena Vestre Stadion**

GPS coordinates: [55.713778, 9.520819](#)

Address: Vestre Stadion, Vestbanevej 1A, DK-7100 Vejle, Denmark

Distance from Event Centre: 30 km

### **Sprint Final – Arena Byparken**

GPS coordinates: [55.710593, 9.530572](#)

Address: Byparken, DK-7100 Vejle, Denmark

Distance from Event Centre: 30 km

Detailed information about travel and recommended/compulsory routes to and from arenas and quarantines is given in Section 12.

## 4. EVENT CENTRE

### 4.1 LOCATION AND FACILITIES

The Event Centre and the WOC Event Office are located at Comwell Kolding:

Skovbrynet 1, 6000 Kolding

GPS coordinates: [55.497857, 9.484083](#)

<https://comwell.com/en/hoteller/comwell-hotel-kolding>

The distance between the Event Centre and

- Billund International Airport is 46 km (37 min by car)
- Railway Station Kolding is 1.6 km (3 min by car)

Please pay attention to the embargo restrictions around Railway Station Kolding. Find more detailed information in Chapter 7.

At the Event Centre, there will be accreditation for teams, officials, media, and the VIP groups (IOF Family, IOF Officials, IOF Guests, and Future WOC Organisers).

#### **The Event Centre will host:**

- WOC Event Office
- Team Officials' Meetings
- Media Centre
- Farewell dinner and party
- Hotel Accommodation for teams, IOF officials, Media, and others
- IOF General Assembly and various commission meetings

#### **Facilities at Comwell Kolding include:**

- Meeting rooms suitable for 10-150 people, equipped with AV and flip overs
- Free internet access
- Restaurant and café
- Social areas
- Large parking area, free of charge – remember to register your car on the tablets in the lobby

Meeting rooms are made available for relevant purposes and should be booked through the WOC Office.



For accommodation opportunities at Comwell Kolding, please see Section 6.

Event Centre Comwell Kolding:

## 4.2 EVENT OFFICE

The WOC Event Office will be located at the Event Centre. On competition days, a satellite will be open at the arenas. The WOC Event Office will be open from Thursday 23 June at 15:00.

WOC Event Office opening hours:

Date	Programme	Event Centre	Arena
23 June	Team arrivals and accreditation	15:00-19:00	
24 June	Team arrivals and accreditation	09:00-19:00	
25 June	Team arrivals and accreditation	09:00-12:00	
		16:00-19:00	
26 June	Sprint Relay	09:00-12:00	15:00-20:00
27 June	Rest day	09:00-12:00	
		16:00-19:00	
28 June	Knock-Out Sprint Qualification		08:00-12:30
	Knock-Out Sprint Final		15:00-20:30
29 June	Rest day	09:00-12:00	
		16:00-19:00	
30 June	Sprint Qualification		08:00-12:30
	Sprint Final		15:00-21:00



## 5. ENTRY

### 5.1 ENTRIES AND ENTRY DEADLINES FOR TEAMS

All entries and requests for transport packages etc. can only be made in [IOF Eventor](#) by the national team manager.

- The deadline for Team Size Entry is 26 April 2022 at 23:59 (-2 month).
- The deadline for Team Name Entries is 16 June 2022 at 23:59 (-10 days).
- The deadline for Late Entries, changes of Team Size or Team Names is 25 June 2022 at 12:00 noon.

#### Late Entries, changes of Team Size or Team Names

- Will be accepted, if possible, up to 25 June 2022 at 12:00 noon. No entries or changes will be accepted after this deadline.
- Will always have a defined extra fee (surcharge, see scheme below).
- Will be treated equally and must be communicated directly to the organiser on [entry@woc2022.dk](mailto:entry@woc2022.dk). The organiser makes the changes in IOF Eventor after the deadline.

#### Competition entries

Names of the competitors and, if required, their starting group, must be entered in IOF Eventor before 12:00 noon on the day before the individual competitions. Names of the competitors and their running order must be entered in IOF Eventor before 12:00 noon on the day before the Sprint Relay.

#### Change of names for each competition

*Sprint Relay:* After competition entry deadline teams may make changes or replacement, for a valid reason (e.g. accident or illness), no later than 120 minutes before the start of the 1<sup>st</sup> leg (IOF Rule § 9.11).

*Knock-Out Sprint qualification and Sprint qualification:* After competition entry deadline and no later than 120 minutes before the first start, a competitor may be replaced for a valid reason (e.g. accident or illness). Change of starting group or qualification race heat is not permitted (IOF Rule § 9.10).

Changes are done in written form at the event office or by e-mail to [entry@woc2022.dk](mailto:entry@woc2022.dk). Please use the following form [Replacement of competitor](#). A request of change is valid when the federation has received a confirmation from WOC 2022.

	<b>26 March</b> Start of entry	<b>26 April at 23:59</b> Team Size deadline	<b>16 May at 23:59</b> Entries payment deadline	<b>16 June at 23:59</b> Team names deadline	<b>25 June 12:00 noon</b> Late entries and changes, deadline	<b>26 June</b> Event start date
<b>Team Size Entry Periods</b>	Team Size	+ 20% (80% refund)		+ 50% (50% refund)	<b>Event</b>	
<b>Team Names Entry Periods</b>	Team Names			+ 75 DKK		
<b>Payment schedule</b>	Payment			Pay/refund changes		
<b>Competition Entry Periods</b>				Sprint Relay entry: 25 June 12:00		
				Knock-Out Sprint entry: 27 June 12:00		
				Sprint entry: 29 July 12:00		

## 5.2 ENTRY FEES

Prices in DKK

Category		Fee
Competitors	Accreditation fee per athlete (note 1)	1000
	Entry fee per individual race	900
Relay Teams	Entry fee per relay team	1800
Team officials	Accreditation fee per official (note 1 & 2)	1800

Notes:

1. Accreditation fee covers model events, parking, compulsory transport, and competition maps.
2. For teams where the function of the team official is performed by an athlete, there will be no charge for a team official.

## 5.3 PAYMENT

Payments must be transferred to the WOC2022 bank account. Payment is in Danish kroner (DKK). Federations can request copies of invoice via email to: [invoice@woc2022.dk](mailto:invoice@woc2022.dk). Important note: The payer must cover all bank charges. Payment deadline was **16 May 2022**.

Any outstanding payments must be settled before accreditation can take place. At the Event Centre it will be possible to pay with credit card. To a limited extent, the WOC office will also accept cash (DKK or Euro), but only amounts up to 20,000 DKK. If payment has taken place in advance via bank transfer, please be prepared to show documentation.

## 5.4 ACCREDITATION

Accreditation takes place at the WOC Event Office (see section 4.2). A team manager must be present at the accreditation in case any clarification is needed about

### Bank account owner:

Dansk Orienterings-Forbund  
c/o WOC2022  
Idrættens Hus  
Brøndby Stadion 20  
DK-2605 Brøndby  
Denmark

### Payment details:

Bank: Spar Nord Bank A/S  
Bank Account.: 9385 1110076912  
IBAN: DK8493851110076912  
SWIFT/BIC: SPNODK22XXX

citizenship, validity of IOF licence etc. Personal passports of all athletes must be presented.

The accreditation must be done before the respective deadline for:

- Sprint Relay: Saturday 25 June 2022 12:00 (Event office close at 12:00)
- Knock-Out Sprint: Monday 27 June 2022 12:00 (Event office close at 12:00)
- Sprint: Wednesday 29 June 2022 12:00 (Event office close at 12:00)

A personal WOC ID card with photo will be handed out at the accreditation. All accredited persons must wear this card at all relevant times, and it must be presented for access to all means of transport and authorized zones.

The online entry form in IOF Eventor requires that all persons to be accredited, provide a personal portrait photo for use on the ID card. A guide is available [here](#).

Any member of a team (athlete or team official) without a proper photo uploaded into IOF Eventor will get an accreditation card without a photo. These persons need to always bring an ID with them together with the accreditation card.

At accreditation, every athlete receives a WOC-bag with the WOC ID card, two emiTags, printed version of Bulletin 4, and a model event model maps. The emiTags are personally assigned and both shall be used in all competitions. The emiTags must not be used by other athletes.

Teams will be asked to provide a telephone number so that the organisers can quickly contact key team officials if necessary. Each team will get an information package at the event office after accreditation which includes:

- Contact information form (to be filled in and returned at event office)
- Parking permits for arena and quarantines
- Team list of emiTags assignments
- GPS harness for those athletes who have ordered (see info about GPS)
- Access cards for the «Coaching zones» (2x) and for the «Finish coach zone» after the finish line (1x)
- 5 maps showing the route from team parking to the sprint relay arena.

Accreditation for WOC events is only possible if all payments are fully settled by 25 June at 12:00 noon.

## 5.5 SUMMARY OF ENTRIES

Federation	Men	Women	Team Officials	Total
Argentina	1	0	0	1
Australia	4	5	2	11
Austria	3	3	3	9
Belgium	3	3	3	9
Bulgaria	4	2	1	7
Canada	3	2	1	6
Colombia	4	3	0	7
Croatia	1	1	0	2
Cyprus		1	0	1
Czech Republic	4	4	3	11
Denmark	3	6	6	15
Egypt	1	1	0	2
Estonia	3	2	1	6
Finland	4	4	5	13
France	4	4	4	12
Germany	3	3	3	9
Great Britain	4	4	5	13
Hong Kong China	3	3	2	8
Hungary	3	3	2	8
Ireland	3	3	0	6
Israel	2	0	0	2
Italy	4	3	3	10
Japan	5	4	2	11
Latvia	3	3	1	7
Lithuania	2	2	1	5
Moldova, Republic of	2	2	0	4
Nepal	4	0	2	6
Netherlands	0	1	1	2
New Zealand	4	4	2	10
North Macedonia	1	1	0	2
Norway	6	5	6	17
Poland	4	3	2	9
Portugal	3	2	0	5
Romania	2	2	1	5
Serbia	1	1	0	2
Slovakia	3	3	1	7
Spain	3	3	1	7
Sweden	8	6	5	19
Switzerland	6	4	7	17
Turkey	2	2	0	4
Ukraine	3	3	2	8
United States	3	3	2	8
<b>42</b>	<b>129</b>	<b>114</b>	<b>80</b>	<b>323</b>

## 6. ACCOMMODATION AND FOOD

### Accommodation

For information about accommodation please see Bulletin 3.

Questions regarding team accommodation can be addressed to: [accommodation@woc2022.dk](mailto:accommodation@woc2022.dk)

### Food:

For teams staying at Comwell Kolding, it is possible to order lunch and/or dinner every day during WOC.

Lunch is served at 12.00 – 12.30 and consists of a variety of sandwiches. Dinner, a healthy sports buffet, is served at 18.00 – 20.00

On competition days, local restaurants offer meals at the arenas. A variety of food to meet various dietary requirements, is available.

All meals are ordered and paid for in the [WOC2022 Webshop](#), and food coupons are handed out at the WOC office at Comwell where it will also be possible to purchase extra meals **as long as available**.

Find more information on the website: <https://www.woc2022.dk/for-teams/> and purchase coupons in the webshop: <https://www.woc2022.dk/shop/>

Please note that due to the currently rising prices and scarcity of supplies, Comwell and local caterers must know well in advance, how many people they are catering for. **Purchase your food coupons as soon as possible.** Only small adjustments can be handled with short notice.



## 7. EMBARGOED AREAS

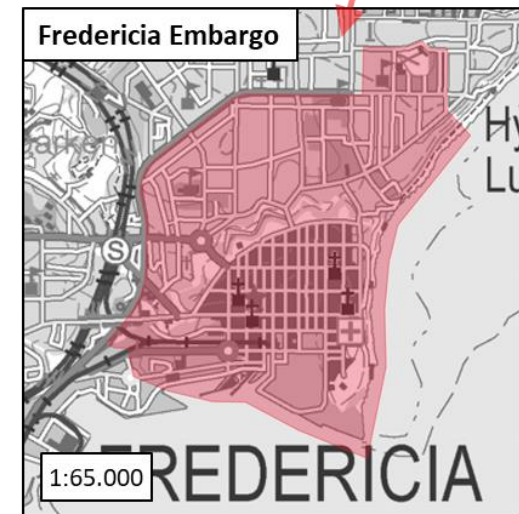
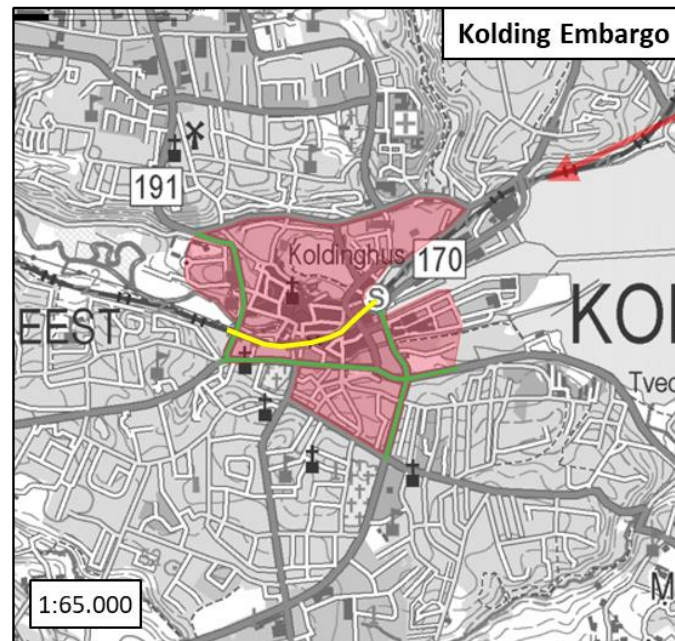
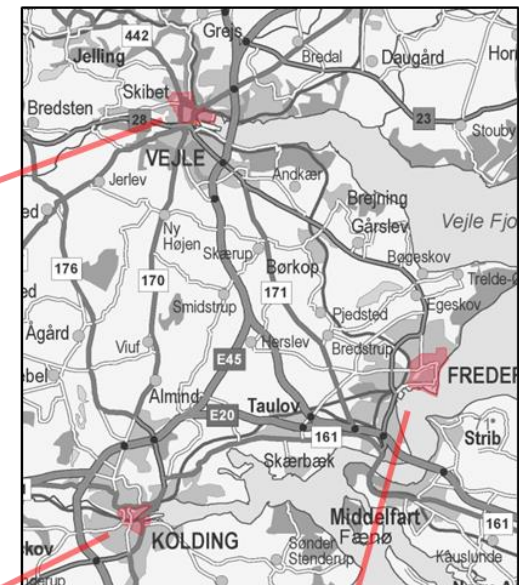
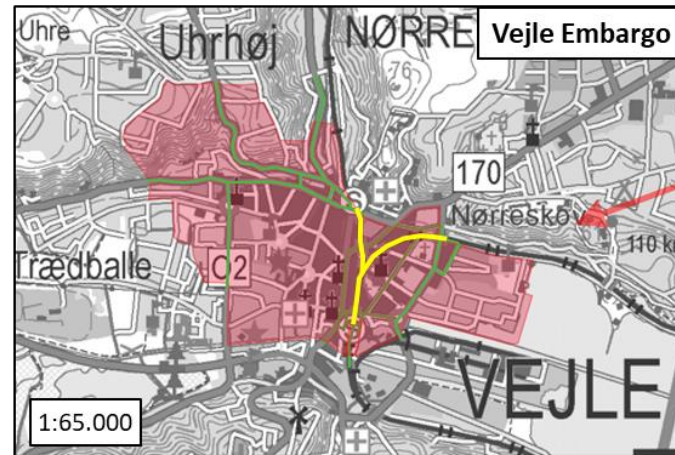
Information about embargoed areas can be found in [IOF Eventor](#). Direct link to the embargoed areas section is found here: [Embargoed areas](#).

### 7.1 OVERVIEW OF EMBARGOED AREAS

The embargoed areas are strictly embargoed. Competitors, team officials, and other persons who, through knowledge of the terrain may influence the results of the competition, are not allowed to enter an embargoed area unless explicitly permitted to do so by the organiser. Any attempt to survey or train with maps on permitted roads in the competition terrains is forbidden.

The areas are embargoed until the respective competition is finished. At the Knock-Out Sprint and Sprint, the embargo is not lifted until the **finals** are finished. Thus, the qualification race areas will still be under embargo after the qualification races. All teams must therefore follow a compulsory route when leaving the qualification arenas, see section 12.

Driving, biking, and running/walking along permitted roads **is allowed until 19 June 2022** (green lines on maps). After this date, it is prohibited to enter the embargoed areas along the previously permitted roads. Use of the railways through Kolding and Vejle (yellow lines on maps) will be **allowed until 24 June**, see below.

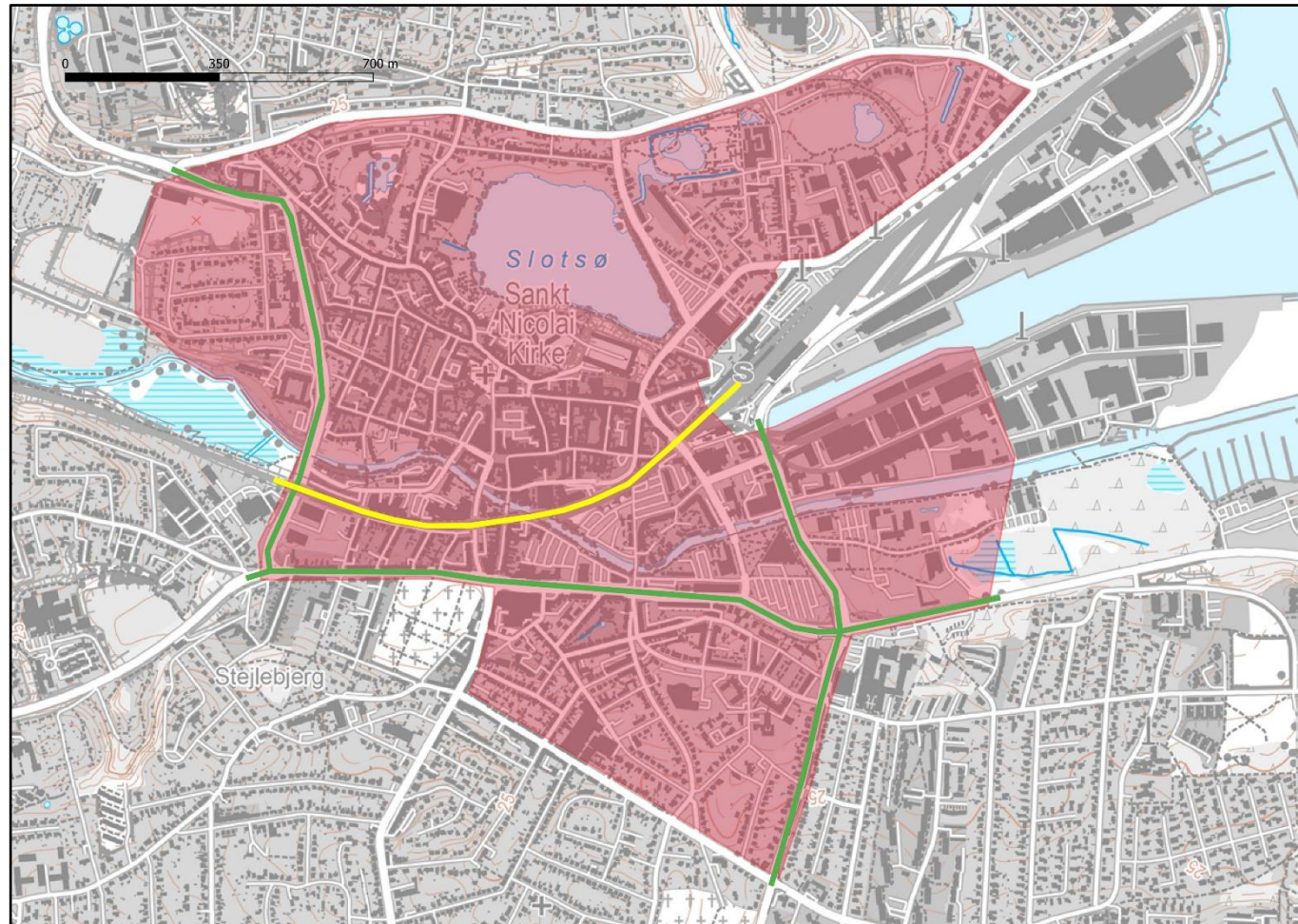




## 7.2 EMBARGO KOLDING

Permitted roads in the embargoed area are marked with **green lines**, and the railway is marked with a **yellow line** (see map to the right). The permitted roads will be open until 19 June 2022, and the railway will be open until 24 June 2022. After these dates, the embargoed area will be completely forbidden to enter.

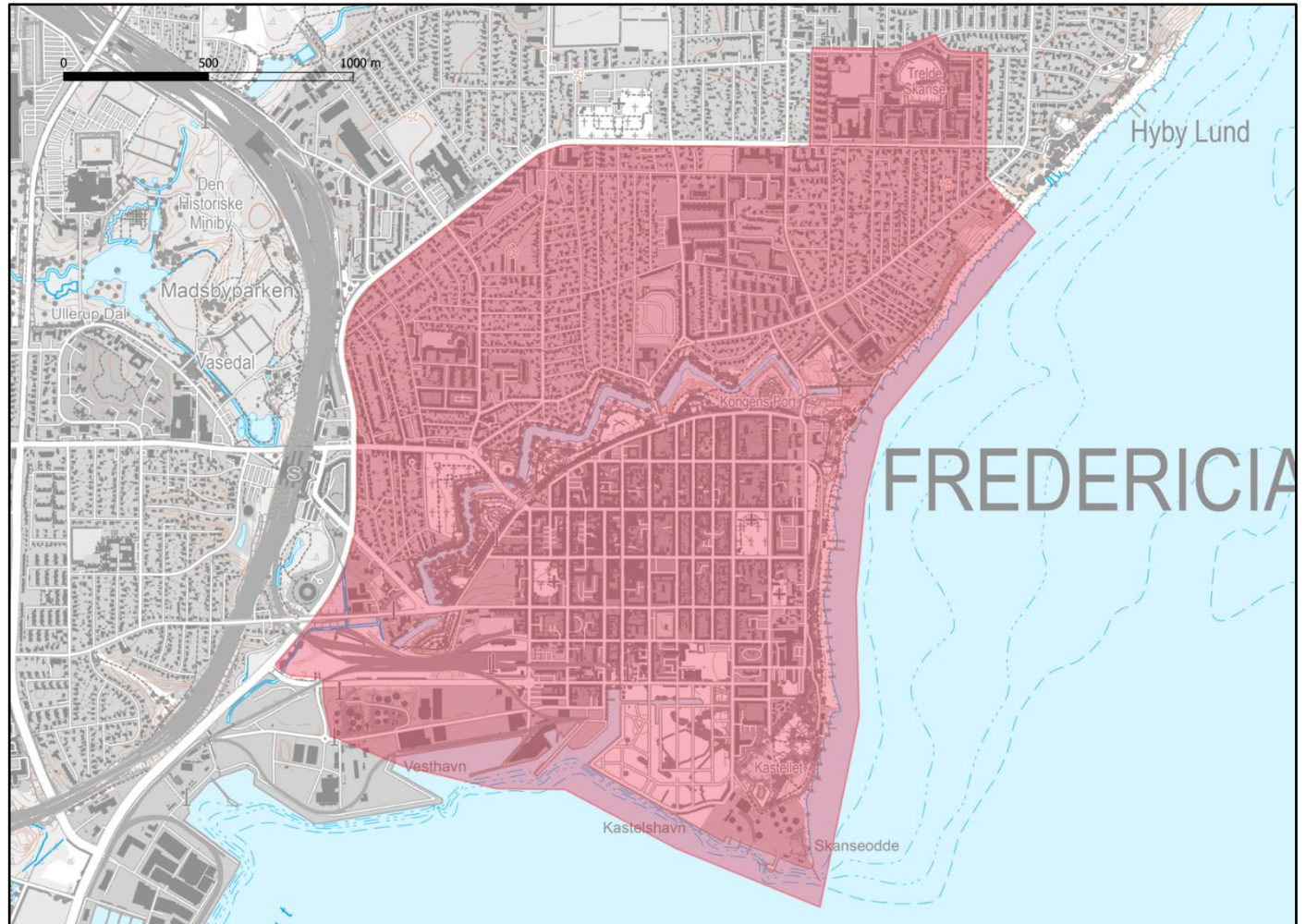
The railway is the main connection from South (Germany/Hamburg) to the Triangle Region. The main entrance of the railway station can be reached on foot without entering the embargo but not by car. We recommend using the Southeast entrance (tunnel under the railway tracks from Toldbodgade) when travelling by car.





## 7.3 EMBARGO FREDERICIA

There are no permitted roads or rail-ways in the Fredericia Embargo.

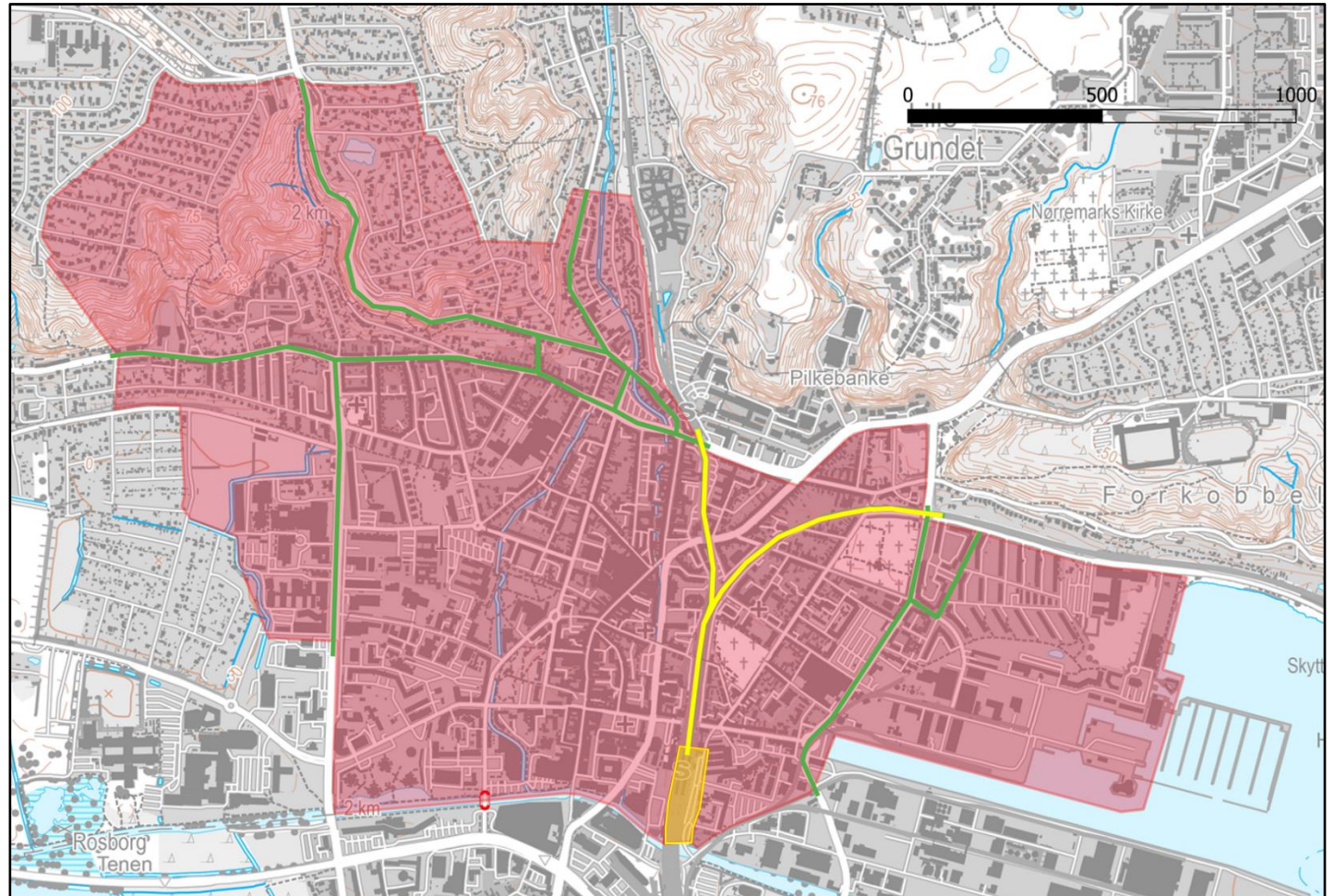




## 7.4 EMBARGO VEJLE

Permitted roads in the embargoed area are marked with **green lines**, and the railways are marked with **yellow lines**. The permitted roads will be open until 19 June 2022, and the railways will be open until 24 June 2022. After these dates, the embargoed area will be completely forbidden to enter.

Access to Vejle Railway Station is possible from the South via Danmarks-gade (**yellow area** on the map) and the station can be entered from this side only (East). The access to Vejle Railway Station via Danmarks-gade **is closed (under embargo) on the day of the Sprint race in Vejle (30 June)** and it will therefore not be possible to travel by train to Vejle on the race day.





## 7.5 PREVIOUS ORIENTEERING MAPS

On our website, any previous orienteering maps from the embargoed areas can be found:

- Previous map from Fredericia (Fredericia Find Vej map, 2016)
- Map sample from Fredericia (published in the WOC 2020 bid material, 2016)
- Previous map from Fredericia Volde (Fredericia Volde, 1977)
- Previous map from Fredericia Volde (Fredericia Volde, 1986)
- Previous map from Kolding (Kolding City and Byparken, 2013)
- Previous map from Kolding (Kolding Find Vej map, 2013)
- Previous map from Vejle (Vejle By Night, 2005)
- Map sample 1 from Vejle (Published in the WOC 2020 bid material, 2016)
- Map sample 2 from Vejle (Published in the WOC 2020 bid material, 2016)

## 7.6 ACCESS TO GEODATA

Packages of geodata from the embargoed areas are prepared by MapMagic and made available for download at <https://www.woc2022.dk/for-teams/>

With these data, all teams and athletes are equally equipped with the best geodata available for their preparations.

The packages comprise the following material:

- Orthophoto (2021)
- Surface Height Contours
- Analytical Hill shading
- Surface Relief Visualization
- LIDAR Intensity Image
- Canopy Height Model
- Vector Data (FOT)

Link to oblique aerial imaging of the embargoed areas:

<https://skraafoto.kortforsyningen.dk/oblivisionjs/soff/index.aspx?project=Denmark&lon=10.2027929&lat=56.1277927>

## 7.7 RELEVANT INFORMATION IN ORGANISERS' APPLICATION FOR ACCESS IN FREDERICIA VOLDE

An application to organise the WOC races and the WOC tour race was by 13 March 2021 submitted to The Agency for Culture and Palaces. The application, along with a permission, was later sent out for hearing at several stakeholders and organisations and since the contents of the documents may have reached some of the teams, all relevant information is hereby made official.

The application material can be found in [IOF Eventor](#). As the text is written in Danish, an abstract of all information that could be relevant for the Knock-Out competition is listed in the following (translated):

- General information: *It is only allowed to run on gravel tracks and paved tracks as well as on horizontal lawns. Except for this, there are places where the athletes will run up the ramparts via grass-protective surfaces.*
- The Knock-Out Qualification: *The athletes will run across the northern part of the ramparts (blue areas on inserted map on page 3 in the application material). They will primarily use the tracks and paths, but in two places they will pass the escarpment for about 25 m. Here, a flexible and grass-protective surface will be laid out and a "chicken staircase" will be installed. The athletes will be forced to pass at these places guided by plastic tape in existing trees. The controls will be located on the tracks.*
- The Knock-Out Finals: *A maximum of 72 runners will pass the North-Western part of the ramparts (yellow areas on inserted maps on page 3 in the application material). 10 controls will be set out, and they will primarily be located on the tracks, and the runners are therefore predominantly expected to follow the path systems. In a few places, runners will pass over grass, but no grass wear will develop as the runners will not follow the same passages.*
- The finish area: *The Knock-Out Qualification race and the WOC Tour race will share the same finish on the grass lawn at Østervold. The road will be closed, and both the paved area and the grass will be used for the finish area. The run-in will take place on the grass. A proposed sketch of the arena can be viewed on page 4 in the application material.*

- TV broadcast: *It is a wish by the organisers to establish a TV control on the rampart to enable TV coverage of the finals. This can, for example, be at Prince George's Bastion and/or in Schleswig's Bastion (Ridebanen), where ramps exist up to the crown of the bastions. Any driving or transportation of equipment may only occur on plates to protect the ground.*

Be aware, that even though this information is written in the application/permission documents, it will not necessarily be valid for the competition on the race day.

## 8. TRAINING

WOC 2022 offers training on maps specifically drawn for WOC 2022.

For the location of the training areas, please follow this link: [WOC 2022 Training areas](#).

A list of the official maps offered for training ahead of WOC 2022, can be found at: <https://www.woc2022.dk/training/>

### WOC 2022 official training maps released in 2019-2022:

Christiansfeld, Horsens C, Kolding Danhostel, Kolding North, Middelfart (available after 25 June), Teglgårdsparken, Vejen C, Vejen West, Haderslev C, Odense C, Grindsted, Aabenraa, Billund, Esbjerg, Ribe.

All training maps are drawn and continuously updated by GT Maps, who is also making the WOC 2022 competition maps. The maps are drawn in accordance with ISSpROM 2019-2.

Maps can be purchased either as OCAD files or in printed form (laser-print). For ordering maps and information, please contact: [training@woc2022.dk](mailto:training@woc2022.dk)

### Remarks about training:

Note that there will be areas in the official training terrains where WOC 2022 does not have a permanent access permission. These forbidden areas will be marked on the maps, and it is very important that they are strictly respected everywhere.

### Reporting of training sessions

We have offered an easy solution for the use of training maps. Several federations have not yet reported about the exact use of training maps. Please report back to the organiser the number of prints used by athletes in each specific training session before 25 June 2022.

Prices for WOC 2022 official training maps:

Category	Rate
OCAD/JPG file (note 1)	30 DKK/athlete/training session
Printed map (note 2)	35 DKK/map

#### Notes

1. Files can be purchased for self-printing, but it is the responsibility of the teams to count and report back to the organiser the number of prints. Invoicing will be based on the number of prints used by athletes participating in specific training sessions. More information will be given upon purchase of files.
2. The printed maps can be collected at the WOC Event Office.

## 9. RULES AND GENERAL INFORMATION

### 9.1 COMPETITION RULES

The latest edition of the Competition Rules for IOF Foot Orienteering Events 2022 applies. Please refer to the rules on the IOF website: <https://orienteering.sport/orienteering/competition-rules/>

### 9.2 CLASSES AND PARTICIPATION RESTRICTIONS

The Sprint Relay is mixed with at least two women per team (§ 6.9). There are two classes, Women and Men in the Sprint and the Knock-Out sprint competition. No age restrictions apply in any of the competitions (§ 5.7).

All athletes must represent a Federation (§ 6.5) and be full passport-holding citizens of the country they are representing (§ 6.2). Athletes who are citizens of more than one country, should represent the only country they have run IOF events for during the current calendar year (§ 6.1).

### 9.3 ANTI-DOPING

Doping is forbidden and the organisers of the World Orienteering Championships are dedicated to support the anti-doping authorities in their work. The IOF Anti-Doping Rules (1 January 2021) and the World Anti-Doping Code 2021 apply. Doping controls may be carried out any time during the competition period in accordance with the procedures described in the WADA International Standard of testing. Both the IOF and/or the anti-doping agency of the organising country can order doping tests at any time during the stay of the participants.

Athletes who are selected for the doping tests, must bring an official identification (with photo) to the doping test area. The athlete should also bring along their therapeutic use exemption (TUE) if applicable. In general, it is advisable that athletes bring along their ID IOF Athlete Licence to all competitions and events. It is the responsibility of competitors to obtain any required TUE (therapeutic use exemption) certificate (§26.3).

Further information at: <https://orienteering.sport/iof/anti-doping/>

### 9.4 INSURANCE

Each person participates at her/his own risk and is responsible for her/his own insurance coverage (illness and accident).

### 9.5 CLIMATE

Denmark has a temperate, Atlantic climate. At the time of the event, the weather is normally warm and pleasant with temperatures around 16-24°C. Rain and showers, some heavy, can occur.

### 9.6 EMERGENCY AND HEALTH SERVICE

First-aid services will be provided at the competition arenas. Outside the competitions you may use the emergency and health services of the region.

The phone numbers for emergency calls in Denmark are:

- General emergency: 112
- Police: 114

### 9.7 VISA PERMITS

Nationals of the member states of EU and the Schengen Area do not need a visa to enter Denmark. In the link below you will find a list of countries with a visa requirement and visa-free countries. You will also find more information about how to obtain visas on this webpage.

[List of countries with and without visa requirement](#)

Please contact [office@woc2022.dk](mailto:office@woc2022.dk) for an invitation letter prior to your application for a visa.

### 9.8 ATHLETE LICENCE

All participants need a valid IOF Athlete licence. To have a valid licence, the athlete needs to sign an athlete licence form and pay an annual fee of 30 EURO. Payments of the annual licence fee is done in IOF Eventor, please consult the proper IOF Eventor Guide for this.

The signed athlete licence form shall be sent to the IOF Office at least one month before the Event. Note that previously signed forms (seasons 2016-2021) are still valid if nothing else is communicated. Payment of the annual licence fee is always done in IOF Eventor by the athlete or the Federation.

To find the rules and forms and more information, please consult: <https://orienteering.sport/iof/-for-athletes/athletes-licence/>

If you have questions about the IOF Athlete licence, please contact the IOF Office on [iof@orienteering.sport](mailto:iof@orienteering.sport).

## 9.9 PHOTO AND VIDEO DISCLAIMER

By taking part in WOC 2022 as a participant, you acknowledge your consent to interview(s), photography, audio recording, video recording and its/their release, publication, exhibition, or reproduction to be used for news, webcasts, promotional purposes, telecasts, advertising, inclusion on websites, or any other purpose by WOC 2022 organisers and their affiliates and representatives. No drones are allowed in the competition area without written permission from the organisers.

## 9.10 WOC FAIRNESS RULES

- It is not allowed (and not fair) to gain any unofficial information about the race, especially about courses, maps, location of pre-starts etc.
- Except for the relays, team members heading to pre-starts are not allowed to visit the arenas before their respective competitions. It is also not allowed (and not fair) to gain any unofficial information about the arenas from other persons.
- Competitors must not use or carry communication devices that can transmit or receive information, to or from a remote source, between entering the quarantine zone and reaching the finish in a race.
- GPS-enabled devices (watches etc.) must not be carried unless the device has been provided by the organiser.
- It is not allowed to use any maps (self-made, old, or other) of the competition areas after having left the accommodation on competition day.

- It is strictly forbidden for team members to re-enter the competition area until the last WOC athlete has arrived at the finish.
- Violations of these rules should be immediately reported to any member of staff, in order to preserve fairness.
- Violation of these rules may result in the disqualification of the whole team.

Fairness rules related to the quarantine zones are described in Section 11.15.



## 10. MEDIA

### 10.1 MEDIA BULLETIN

All relevant information for media has been published in a dedicated bulletin. Please find this bulletin in [Eventor](#).

### 10.2 MEDIA ACCREDITATION FOR ATHLETES

To use accreditation for media and for team official/athlete at the same time is not allowed. Team members with media accreditation can deposit their team accreditation at the media centre to receive a media accreditation.

### 10.3 PRESS CONFERENCES

Moderated press conferences will be held at the arenas directly after the medal ceremonies on the stage. Press conferences will be held in English. The three best teams or athletes of every competition will be interviewed.

## 11. GENERAL COMPETITION INFORMATION

### 11.1 PUNCHING, TIMING SYSTEM AND GPS TRACKING

#### **Punching**

EMIT Touch-Free Pro punching and timing system is used in all races. The punching is performed by holding the emiTag 20-50 cm above the control for a short moment. The LED light in the emiTag will start flashing to indicate a successful punch and will keep flashing for 5 seconds. In case of any EMIT-unit failure (no feedback signal) athletes must punch the second EMIT-unit as a backup.

In every race the participant will carry two emiTags. During the race both emiTags must be carried on the same arm next to each other. **Runners carry-ing the emiTags on two arms will be disqualified.** When punching, it is the competitor's responsibility to receive the feedback signal. It is not important whether the feedback is given by both emiTags or just one emiTag; only in the case where the feedback is not received by either of them, should the competitors punch the EMIT-units again.

The emiTags are handed out in the Event Centre as a part of the team accreditation. A list of emiTag numbers to check that the teams have received the right emiTags are handed out too. **It is the athlete's responsibility to bring the emiTags to the start for each race.** The emiTags will be checked by the organisers at call-up at the pre-start. In the start boxes the emiTags shall be cleared. The emiTags will be collected at the finish of the Sprint Final. For athletes not running the Sprint Final, a team manager must return all emiTags at the Event office no later than Thursday 30 June 18:00. DKK 600 will be charged for any lost or missing emiTag.

It will be possible to test the punching system at the Technical Model Event.

#### **Start timing**

At the start beep, the competitor will be released by an official who is removing a hand from the map (not Sprint Relay). The listed start times will be used, except for the Sprint Final where a start gate will be used. The timing of an athlete starts when the athlete opens the gate with his/her legs.

If the athlete opens the start gate more than 3 seconds before his/her start time, the athlete will be disqualified. If the athlete opens the start gate more

than 3 seconds after his/her start time, the athlete will get the allocated start time as starting time.

It's the athlete's responsibility to start at the correct time.

The start beep and a visible start clock will show the countdown to the start.

## Finish timing

At finish, the time is taken when the athlete's chest crosses the finish line. There is no punching at the finish line. The running times are rounded down to whole seconds.

## GPS tracking

Tracking devices will be used for viewing the competitions on the large video screen in the event arenas, for live transmission, and as part of the TV production. All competitors must be prepared for GPS tracking in all races, and the tracking device must be carried on the back of the competitor in an elastic harness. If an athlete refuses to carry the GPS unit, the athlete will be disqualified. The GPS unit will be placed in the athletes' harnesses by an organiser at call-up and be collected again in the finish. The size of the GPS units is 8.7 cm x 5.1 cm x 3.0 cm, and the weight is 150 g. **Please be sure that the unit can be fitted into the pocked of your GPS harness.** Sample units and GPS harnesses will be available for test at the technical model event. Athletes are encouraged to use their own harnesses. Pre-booked harnesses will be handed out to the team officials at accreditation and must be returned at the event office after the last race. Missing harnesses will be charged 400 DKK. The GPS Tracking will be provided by TracTrac.

## 11.2 MAPS

The competition maps are drawn by Gediminas Trimakas in 2022 in accordance with ISSprOM 2019-2 (Version 2022/02/21). Contour interval 2.5 m. Scale 1:4,000.

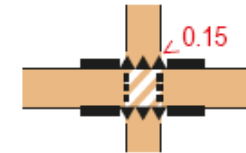
### Special map symbols:

o = outdoor sports facility or children's playground equipment

The maps are printed by digital printing on waterproof paper (pretex® 50.120, 120 g/m<sup>2</sup>). They will not be delivered in plastic bags unless very heavy rain is

predicted by the weather forecast. The maps are printed by Grafisk Forum who is certified to print maps for major IOF Foot-O events.

**Note:** According to ISSprOM 2019-2, it is allowed to pass across symbol no. 512.1 (the black triangles on the figure), i.e. to shift from one level to another (climb/jump). At the WOC 2022 competitions, however, **this will not be allowed.**



*Bridge or tunnel entrance (512.1)*

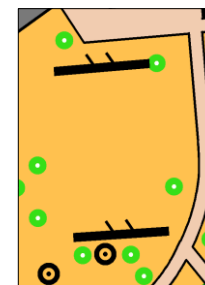
Magnetic north line (symbol no. 601) is drawn in blue colour.

### Spiral staircases

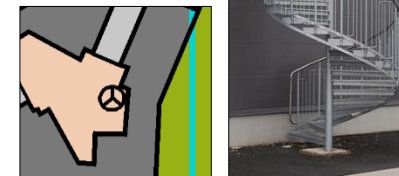
Spiral staircases are drawn on the map with a circle and three lines inside, see figure.

### Uncrossable fence and railings

Fences or railings drawn with symbol no 518 can in some places be low and easy to force. Keep in mind, that it is not allowed to cross them. They may be marked with IOF tape in the terrain by the organisers.



*Uncrossable fences and railings (518)*



*Example of a spiral staircase on a map.*

## Flowerpots

In some places, athletes may meet 1.5 m high flowerpots. These flowerpots are drawn as a *Prominent bush or small tree* (symbol no. 418) on the map.

Smaller flowerpots are generally not marked on the map. However, in some rare cases, rather small flowerpots (c. 50 cm high) will be used as control sites for last controls and start controls. These will also be marked on the map with symbol no. 418.



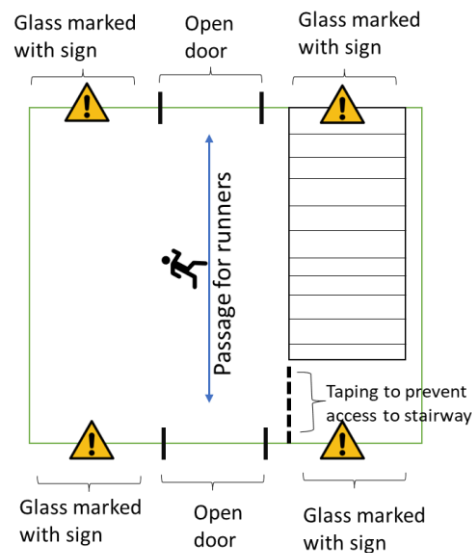
Huge flowerpots (1.5 m)

## Canopy passages

Athletes may pass through passages with glass on both sides or only on one side of an open door. To avoid accidents, warning signs have been attached to the glass at different heights. In these passages,



Example and sketch of a canopy passage with windows. Note: Opposite to the photo, the doors will be open!



stairways not intended for use and not on the map, will be blocked with IOF tape. The passages are intuitive to follow.

## Gates

There are many gates in the race areas. They will be either open or closed and the maps will show them in their actual positions. Open gates will always be kept open during the entire race, but closed gates may be opened for short periods e.g., to let cars or people in and out. In such cases, officials will use IOF tape to mark and block the open entrance for the athletes – while it is still forbidden to pass through the gate for the athlete.

## 11.3 OUT-OF-BOUNDS AREAS AND BOUNDARIES

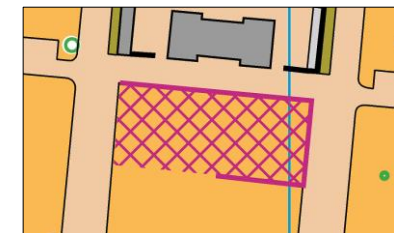
Out-of-bounds areas, such as *Area that shall not be entered* (520), *Uncrossable body of water* (301), *Uncrossable vegetation* (411) and various uncrossable boundaries (e.g., *Uncrossable wall* (515) and *Uncrossable fence or railing* (518)) may be marked with **continuous IOF tape** in the terrain in cases where they are difficult to recognize on the map and/or distinguish in the terrain.



*Out-of-bounds boundary* (708) will always be marked with continuous IOF tape and *Out-of-bounds area* (709) will be marked with continuous IOF tape in places where the symbol on the map is bounded by a solid line. For improved readability, the width of the bounding line on the map is 0.35 mm – not 0.25 mm as defined in the ISSprOM 2019-2 specifications.



Out-of-bounds boundary (708)

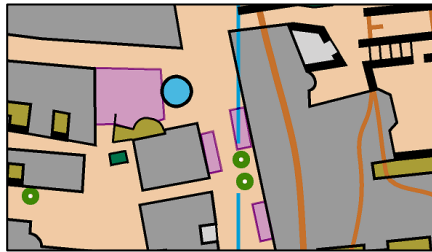


Out-of-bounds area (709)

IOF tape is a white 7.5 cm wide plastic printed with the logos of IOF and T-KARTOR.

The tape around out-of-bounds areas will be mounted at two different heights: around 35 cm and/or around 90 cm.

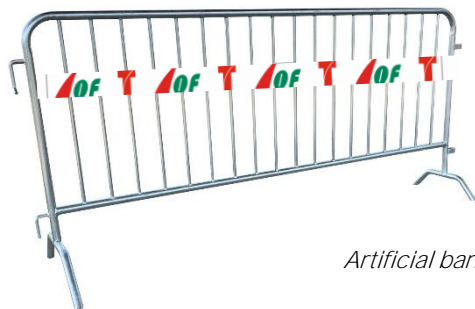
Permanent outdoor serving areas (on seasonal basis) are marked on the map with the symbol *Temporary construction or closed area* (714). Objects and elements located on streets or places on a shorter term (daily), such as simpler outdoor servings, stands and awnings in front of shops are not marked on the map. In other places, the symbol is used to mark other temporary closed areas, such as construction sites or scaffoldings. **All areas marked with the symbol 714 are forbidden to enter and cross through.** They will sometimes be marked with IOF tape by the organisers



*Permanent outdoor serving areas marked with symbol 714.*

## 11.4 ARTIFICIAL BARRIERS

Artificial barriers will be installed in the race areas. Grey/silver metal fences will be used for this purpose. The barriers will be equipped with IOF tape, and they can also be dressed in various types of banners and advertisements. On roads with traffic, there will be a gap in the central part of the barrier, where only IOF



*Artificial barrier with IOF tape*

tape is used. Guards will be present here to let vehicles pass through the barrier. There will also be gaps without tape for pedestrians, but these will be small and arranged in a way that they will not influence the overall visibility of the barrier for the arriving athlete.

Where fences are used as artificial barriers, they will be marked on the map by a 0.5 mm thick purple line accompanied by an Out-of-bounds area (709) on the back side.

Artificial barriers can also be marked in the terrain only by IOF tape. In such cases an out-of-bounds area (709) is bounded by a 0.35 mm thick line on the map. The line shows where the tape is mounted in the terrain (see figure below).



*Artificial barriers on the map. Fences used on the barrier to the left (0.5 mm line) and IOF tape used on the barrier to the right (0.35 mm line).*



## 11.5 CONTROLS

All controls are made up of a 140 cm long wooden stand. The EMIT punch units are placed on the top at each end of the stand and the control flag is hanging below. An example of a control stand will be present in the quarantines and at the technical model event.

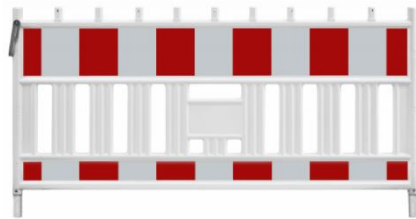


*A WOC 2022 control*

## 11.6 TRAFFIC AND SAFETY

Parts of the race areas will be closed for traffic. Drive-in is not possible whereas drive-out is always possible. Local traffic will still occur within the closed areas. Cars can be leaving the closed areas and traffic guards will guide and regulate the local traffic inside the areas. In the race areas outside the closed areas, traffic guards will regulate the traffic at main road crossings to ensure free passage for the athletes.

Roads along the borders of the closed area are blocked by red and white traffic barriers and traffic signs. Most of the barriers will be guarded by traffic guards. **Note, that these traffic barriers are not shown on the map and should not be mistaken as artificial barriers by the runners when crossing the borders or running along the borders.** Opposite to the artificial barriers, the traffic barriers will only block the roadway and not include passages for pedestrians, e.g. sidewalks.



*Example of a traffic barrier.*

The organisers cannot totally prevent traffic in the race area, so please be careful when crossing streets and parking lots. Also take care of bicycles passing through the race area. Athletes participate on their own risk.

There may also be crowded with pedestrians in some areas. Be careful when running around corners, and through narrow gates and passages. At some places counter-runs will occur. Guards will do their best to secure the areas.

## 11.7 CONTROL DESCRIPTIONS

Control descriptions are in accordance with the IOF standard. The control descriptions are printed on the competition maps but will also be available in the start corridor at the Knock-Out Sprint Qualification, at the Sprint Qualification, and at the Sprint Final. At the Sprint Relay and at the Knock-Out Sprint Finals, control descriptions are only printed on the map.

## 11.8 TEAM TENTS

Own team tents are not allowed in quarantines or in the team zone at the finish.

## 11.9 CLOTHING

- There are no clothing regulations
- Spiked shoes are not allowed.

## 11.10 MODEL EVENT AND TECHNICAL MODEL EVENT

**Date:** Saturday 25 June 10:00-13:00

**Venue:** Herman Jensens Anlæg, Havnegade 20 5500 Middelfart: ([Google link](#))

Parking at Kulturøen 100 m from the venue ([Google link](#)). There will be some toilets at Kulturøen close to the parking.

### Map

Middelfart, 1:4,000, 2.5m contour interval, drawn by Gediminas Trimakas (GT Maps) in ISSprOM 2019-2. Laser printed on pretex waterproof paper.

## Course

A short model course is offered. There will be control flags, but no timing or punching system.

## Model Event

The model event will provide relevant examples of cartography, terrain, control descriptions. It will also show how uncrossable objects and out-of-bounds areas are taped and how artificial barriers are made in the terrain and marked on the map. The controls at the model event will be set up only during the scheduled time listed. The controls are marked with orienteering flags only, and no punching units.

## Technical model event

The technical model event will show the start procedure, the Emit Touch-free punching system, control setup, and the finish procedure. Runners will have the possibility to test the equipment and walk/run a short course with a couple of controls. Please bring your emiTag to the model event if you want to test the punching system.

Model event maps will be handed out at the time of accreditation.

## 11.11 TEAM OFFICIALS MEETING (TOM)

TOM will be held the day before each competition:

- Saturday 25 June, 17:00-17:30 (Sprint Relay)
- Monday 28 June, 17:00-17:30 (Knock-Out Sprint)
- Wednesday 30 June, 17:00-17:30 (Sprint)

The TOM's will be held in a conference room at the Event Centre (Comwell Kolding). It will not be possible to access the meetings online.

Slides from the presentations at the TOM's will be uploaded to IOF Eventor after the meeting. Questions for the TOM's shall be sent by e-mail to [tom@woc2022.dk](mailto:tom@woc2022.dk) until 15:00 on the respective day of the meeting and will be answered during the meeting.

## 11.12 NEW COMPETITION MAPS

Competition maps will be collected at the finish at all races. New maps will be handed out to a team official at the event office on the arena. At the Knock-Out finals, the maps from all the elimination rounds will be handed out after the final round.

## 11.13 BIB NUMBERS

All bib numbers will be prepared for self-service pick up in the quarantine of each competition. Two bib number are provided – one for the back and one for the chest. Bib numbers must be placed visibly on both chest and back and must not be folded or cut. The size of the bibs number is 25 x 25 cm.

## 11.14 LATE STARTS

Athletes who miss their start time due to their own fault are permitted to start but are timed as if they had started at their allocated start time. Runners who are late because of a fault by the organizers are given a new start time. In both cases the following procedure must be used at the start: A late athlete must report at the entrance of the pre-start. If the organizers decide there is still enough time to start at the allocated start time, she/he can continue through the start lanes followed by an official. If it is not possible for the athlete to start at the allocated start time, she/he will be allowed to start in the first half part of the next start interval. However, athletes from the same federation are not allowed to start consecutively.

## 11.15 QUARANTINES

The quarantine zone consists of the quarantine itself, the warm-up area, pre-start areas, start areas, and any connecting routes in between. A quarantine zone is defined as a secure area **where communication with the outside world by any person in the quarantine zone is forbidden**. Athletes are considered in quarantine once they have checked in and until they reach the finish of the race. In the Knock-Out Sprint Final, the athletes are in quarantine from check-in until they leave the after-finish quarantine.

On arrival at the quarantines, the athletes must check in by showing their accreditation card and sign the list before the quarantine closes. **No-one will be allowed to check in after the specified deadline.** Athletes will receive a warm-up map if such are available.

All quarantines offer covered areas (building or tents). Toilets and water are available. There will be a clock showing the official competition time. Bags are transported to the team zone in the finish or to the after-finish quarantine at the Knock-Out finals.

All competitors are strongly advised to perform the emiTag battery test and in case of low battery indication request an emiTag replacement at the quarantine check-in desk.

The logistics of each quarantine are described separately for every competition.

Coaches and athletes can leave a quarantine at any time, but once they have left, they are not allowed to return.

Remember to respect the fairness rules when you are in quarantine:

- The use of mobile phones, computers or any other communication device inside the quarantine is strictly forbidden.
- All tents and rooms inside the quarantine must stay open so other can have a look inside.
- It is strictly forbidden to bring any electronic devices (incl. smart watches) to bathrooms or any other private rooms – no matter if the device is turned on or not.
- It is allowed to use music players without any built-in connectivity. Athletes wearing headphones might be randomly asked to display their players for checking.
- It is not allowed to bring any maps into the quarantine zones.
- Coaches are not allowed to follow the athletes beyond the pre-start/call-up at any competitions.

See also the fairness rules described in Section 9.10.

## 11.16 PRE-START AND START

The athletes are called up for start at the pre-start and after call-up they are not allowed to return. The pre-start is at all competitions located in connection with the quarantine.

Athletes must wear the bib numbers when they enter the pre-start.

The competitor's name and bib number are called at the pre-start. It is the competitor's responsibility to be ready for his/her call-up time.

There is also a clock showing the competition time at the pre-start and in all the consecutive start boxes. Athletes will have their GPS units placed in the harness, emiTags are checked and cleared, and the control descriptions are available. The start triangle is marked in the terrain by a control flag. For specific details on start procedures at each start, see descriptions in Section 12.

The route to the start point is marked and is compulsory for the competitors to follow all the way to the start point.

## 11.17 COACHING ZONES

Except for the Knock-out Sprint Final, and the Sprint Final, there will be marked coaching zones. Two accredited coaches per team are allowed inside the coaching zone. Special accreditation cards must be shown when entering this zone.

## 11.18 FINISH AND FINISH AREA

The marked route from last control to the finish must be followed. After crossing the finish line, the athletes read out emiTags, return the map and return the GPS. Refreshments will be provided as well as access to first aid if needed. One accredited coach per team is allowed to stay in a designated zone for coaches (**Finish coach zone**) inside the finish area. A special accreditation card must be shown when entering the finish zone. Athletes will pass through the media zone on their way to the team zone. At the sprint final, the current leader shall take his/her place in the leaders' chair on the podium and stay there until a new leader comes to the leaders' chair. Athletes selected for anti-doping testing will meet their chaperones in the finish area.

## 11.19 COOL-DOWN AND TEAM ZONES

The athletes will receive a cool-down map in the finish area. Cooling down is only allowed in the team zone, in the after-finish quarantine (Knock-out sprint final), and in the area indicated on the cool-down map. It is forbidden for team members to re-enter the competition area until the competition is finished. The team zone will be in tents or in buildings with access to toilets.

Coaches and non-competing team members can reach the team zone on the arena by following a mandatory route (see Section 12 for detailed information). **It is not allowed to attend the arenas and the team zones before the quarantines are closed!**

## 11.20 ABANDONING 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.

## 11.21 MEDIA IN THE RACE AREA

During the competitions, athletes may meet photographers and TV camera crews in the race area. Athletes may also be followed by a running camera operator during the race or by drones. The drones will keep a distance of at least 15 meters from the athlete.

## 11.22 COMPLAINTS AND PROTESTS

Any complaint must be made in written form and handed in at the event office as soon as possible. A special form is available for this. Complaints regarding the results must be made no later than 15 minutes after the final results have been announced.

A written protest can be made against the organiser's decision about a complaint. Written protests must be delivered personally to the event office no later than 15 minutes after the organisers have announced the decision about the complaint.

A protest fee of 50 EUR shall be paid in cash to the IOF Senior Event Adviser. The fee will be returned if the protest is accepted by the jury.

### Knock-Out Sprint Finals

Any complaint must be made to the organiser at the result board as soon as possible, and no later than 3 minutes after the corresponding heat results are made official and published. The organiser adjudicates a complaint. The complainant is informed about the decision immediately. Any protest against the organiser's decision must be made to the organiser no later than 3 minutes after the organiser has announced the decision on the complaint. Complaints and protests and the announcement of decisions may in the Knock-Out Sprint Finals be made verbally, provided they are recorded in written form for subsequent publication. Precise procedure for complaints and protests at the Knock-Out Sprint Finals are described in Section 12.3.

## 11.23 JURY

	Sprint Relay	Knock-Out Sprint	Sprint
Brigitte Grüniger Huber (SUI)	x	x	x
David Rosen (GBR)	x	x	x
Blair Trewin (AUS)	x	x	x
Peter Molnar (HUN)			x
Unni Strand Karlsen (NOR)	x	x	
Aron Less (HUN)			x
Jari Kymäläinen (FIN)	x	x	

## 11.24 CEREMONIES

### Opening Ceremony

The opening ceremony of WOC 2022 will take place on 26 June at 16:30 at the Sprint Relay arena. There will be a short flag parade (not with athletes), music and talks to declare the WOC 2022 open. Team officials and athletes who are not in quarantine are encouraged to participate as spectators. The opening ceremony will last for about 30 min.



## Flower Ceremonies

During live broadcast the best 3 athletes/teams will be awarded with flowers on the stage immediately after the races have finished. Please note, that it is the responsibility of the athletes/teams in concern to be ready for the ceremonies. They are requested to remain in the finish area until after the flower ceremony. Please follow the guidance from the organisers.

## Medal Ceremonies

Athletes/teams ranked on positions 1 – 6 are kindly requested to line up behind the stage 10 minutes prior to the medal ceremonies. It's the athletes' responsibility to be there on time. Athletes taking part in the medal ceremony must wear their national team uniform. All medal ceremonies take place in the finish areas 20-30 min after the end of the competitions. Please follow the guidance from the organisers. The IOF guidelines for ceremonies will be followed: National flags, signs, sunglasses, headbands, bottles, and other such items are not allowed on the stage. Headbands around the neck are allowed.

## Closing Ceremony

The WOC 2022 closing ceremony will be held at the Sprint final arena in Vejle in continuation of the Sprint final medal ceremony.



## 12. EVENT INFORMATION

### 12.1 SPRINT RELAY

#### Date

26 June 2022

#### Venue

Arena Koldinghus, GPS coordinates: [55.491334, 9.475611](#)

#### Format

Sprint Relay, mass start. 4 legs (Women-Men-Men-Women).

#### Courses details

	Leg	Length, app.	Controls	Climb, m
Sprint Relay	Women	3.8 km	16	60
	Men	4.3 km	17	60

Expected winning times: 60 min (4 x 15 min)

Maximum running time: 120 min

Hard surface >80 %, areas with short cut grass occur.

#### Course setters

Ulrik Staugaard and Mads K. Larsen

#### Terrain

The central part of Kolding dates back to around year 1200. In this part, the castle of Koldinghus rises 20 metres above the surroundings. The old town is characterised by an asymmetrical street plan with town houses, shops, café and dining areas, backyards, and narrow passages. Except for the grassy castle park area, the ground surface is hard and sometimes paved with cobblestones. North-east of the castle area, recreational park areas with grass lawns, playgrounds, gardens, and picnic facilities occur. The area south of the old town is cut by a stream and a railway. This area is partly dominated by public buildings and schools, but apartment buildings and office blocks are also common.

#### Start time

First leg starts at 17:30.

#### Team parking

Team parking entrance is near Fynsvej 45, 6000 Kolding ([Google Link](#)). Be careful not to enter the embargo. Only access is from northeast by following Fynsvej. Distance from the Event Centre Comwell Kolding is 1.2 km ([Google Link](#)), see **Map 1** in the Appendix.

Follow a compulsory route to the quarantine marked with small pink flags and signs (app. 300 m).

Team members and coaches who want to go directly to the team zone in the arena, please follow the route marked on **Map 2** in the Appendix. A map showing the route will also be provided in the team accreditation bags. The route is app. 900 m long.

It is not allowed for team members and coaches to attend the arena and team zone before quarantine closure.

#### Quarantine

The quarantine opens at 15:15 and latest check-in time is 16:00. It will be in an indoor facility with a warm-up area outside on a paved area. **There is limited space for warm-up, only about 2,000 m<sup>2</sup>.** No warm-up map is available.

Athlete bags can be left at the bag drop in the quarantine. Organisers will transport them to the team zone at the arena.

Coaches and team officials leaving the quarantine for the arena must follow a mandatory route marked on a map handed out at the Quarantine (500 m).

GPS units will be placed in the harnesses of all runners of the upcoming leg ahead of call-up. Please follow instructions and make sure that you receive the unit before call-up.

#### Pre-start/call-up

Call-up is at the quarantine. All athletes on each leg are called up at the same time, approximately 15 minutes before the start of the first leg/change-over of the leading teams. Call-up times:

- 1. leg: 17:15
- 2. leg: 17:30
- 3. leg: 17:45
- 4. leg: 18:00

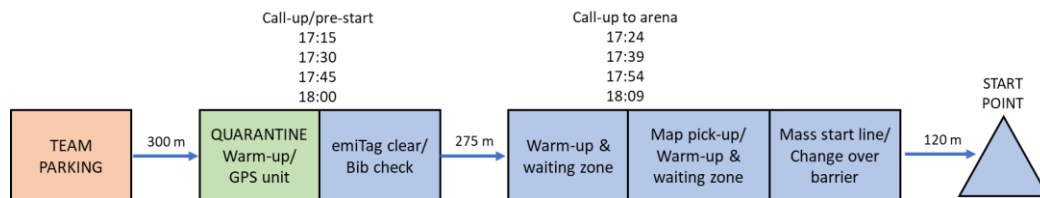
Competitors not ready at the time of call-up may lose their right to start.

After EMIT clear and bib check, the athletes are escorted 275 m in slow running speed to an outdoor waiting zone, where warm-up is possible on low-cut grass (1,000 m<sup>2</sup>). Two toilets and a small tent is available in this waiting zone.

About 6 min before the change-over of the leading runners, all waiting athletes will be called up to enter the arena. Approximate call-up times to the arena will be:

1. leg: 17:24
2. leg: 17:39
3. leg: 17:54
4. leg: 18:09

In the arena, there will be a small warm-up area on hard surface (250 m<sup>2</sup>) and a live result monitor. Emergency toilet upon request to a staff member only (without map!).



## Maps

The maps will be rolled and secured with rubber bands and labelled with a combination of team and leg number. Example for team 12: [12-1], [12-2], [12-3], [12-4]. It is allowed to remove the rubber band but not unroll the map or peek into the roll before the start signal or change-over. Runners who open their maps before the start will be disqualified.

The maps shall be taken by the athlete from a map board located in the warm-up area at the arena. Reserve maps are available on the lower part of the map wall. Please contact the staff if your map is not on correct spot on the map wall. It is the responsibility of the athlete to take the correct map. Teams running with a wrong map will be disqualified at the next change-over.

## First leg

At -3 minutes the first leg runners will be called to the start line where they will be lined up for start. Their exact start position is marked with a number on the ground.

## Next legs

The 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> leg runners must wait in the warm-up area until they can see their teammate in the run-in. Once they can see their teammate, they are allowed to proceed to the change-over barrier. Note that there will only be about 10 seconds to change-over from the teammate can be seen. It is the responsibility of the athlete to be ready at change-over.

## Change-over procedure

- The outgoing runner steps to the change-over area when it is possible to see the incoming runner.
- The incoming runner will cross the finish line and continue to the change-over zone.
- The incoming runner makes a touch with the next runners over the barrier.
- Next runner starts the race.

## Mass start for slow teams

A mass start for 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> leg runners of slower teams may take place if needed approximately at 18:20. The exact time will be announced well in advance in the waiting area.

## Starting point

The starting point is marked with a control flag located 120 m from start/change-over. Follow corridor/marked route.

## Map flip

There is a map flip during the race. 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. In the terrain, the start triangle is marked with a control flag. Control numbers are continuous. At the top of the map, the first part is named "Part 1" and the second part on the other side is named "Part 2", written in the header of the map.

## Arena passage

All four legs will pass the arena during the first half of their course. Be aware, that the arena passage partly shares the run-in to the finish line/change-over. Where they split into two corridors follow the signs for "Next loop" to the right. It is the runner's responsibility to take the correct corridor and not finish the race without running the second loop.

## Coaching zone

There will be a coaching zone at the arena passage.

## Finish

Runners must follow the run-in corridor to the finish line and change-over. Follow the signs for "Finish/change-over" to the left. There is no punching at the finish line. In the finish area, there will be a finish coach zone with access for one accredited person per federation.

## Team zone and cool-down

Athletes will receive a cool-down map on arrival in the finish. The map will show the area allowed for cool-down and rest until the competition is over. Indoor and outdoor facilities are available in the after-finish team zone.

## 12.2 KNOCK-OUT SPRINT QUALIFICATION

### Date

28 June 2022

### Venue

Arena Østerstrand, GPS coordinates: 55.567709, 9.768040

### Format

Qualification race with three heats for each gender. 36 women and 36 men will qualify for the finals in the afternoon – 12 from each heat. The start interval is 1 minute.

### Courses details

	Length, km	Controls	Climb, m
Women A	2.6	12	27.5
Women B	2.6	13	27.5
Women C	2.6	13	22.5
Men A	2.9	15	30
Men B	2.9	16	35
Men C	2.9	16	27.5

Expected winning times: 10:30

Maximum running time: 30 min

Hard surface >75 %, areas with short cut grass occur.

Late changes in the terrain have forced the course setter to extend the lengths of the courses with about 1 min. The courses are therefore slightly longer than specified in the rules (8-10 min).

### Course setter

Rasmus Thrane Hansen

### Terrain

Fredericia was built as a military fortification 400 years ago with huge ramparts, now covered by grass and forest. The ramparts are hilly, often with very steep slopes, but in some areas also gentle and flat. They are mostly covered with grass. Inside the fortification, the town has a distinct symmetrical road network with quadrants, often embracing intricate backyards behind the facades. The ground surface here will be hard. The embargoed area to the north comprises a modern residential area with separate family houses, public



buildings, and apartment buildings. Here, the ground surface will mainly be hard, but minor areas with grass occur.

## Start time

First start at 9:30. Starting order Men/Women.

## Team parking at the quarantine

To reach the team parking at the quarantine a mandatory route must be followed from a meeting point. The meeting point is at Banegårdsvej, 7000 Fredericia (south-west corner of the train station's parking lot, [Google link](#)). At the meeting point teams will meet an organiser who will inform the teams how to drive to the team parking at the quarantine. A map will be handed out and information given by the organisers **from 07:20**. Maximum driving time from the meeting point to parking is 10 min.

Walking distance from team parking to quarantine: 100 m. Follow small pink flags.

## Team parking at the finish

Team parking location at the arena is at Bülows Kaserne ([Google link](#)).

Coaches and team members who want to go directly (not via the quarantine) to the team zone on the arena, must follow a mandatory route ([Google link](#)) starting from the road crossing Strandvejen/Indre Ringvej/Holstensvej ([Google link](#)). The route is also shown on **Map 3** in the Appendix. The route enters the embargo and must be strictly followed. Please note that it is not allowed to drive to the parking at the finish (entering the embargo) **before the quarantine is closed (08:15)**.

## Quarantine

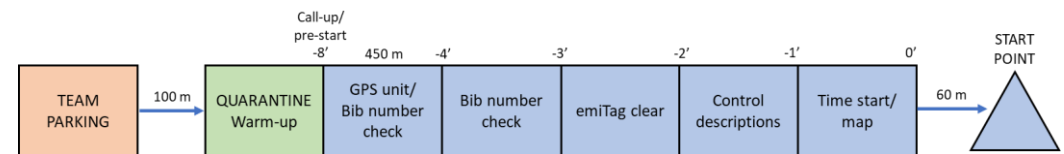
The quarantine opens at 07:30 and latest check-in time is 08:15. The quarantine will be in an indoor facility. A big warm-up area is available in the quarantine zone (low-cut grass and hard surface). A warm-up map is available.

Coaches and team officials can leave the quarantine at any time after the deadline (8:15). It is possible to drive by own car using the mandatory route back to the meeting point (Banegårdsvej, 7000 Fredericia) and then follow the directives above to reach the team parking at the finish. It is also possible to walk from the quarantine to the finish. A map showing a mandatory walking route is available at the quarantine. The walking distance to the arena will be announced in the quarantine.

Athlete bags can be left at the bag drop in the quarantine. Organisers will transport them to the team zone at the arena.

## Pre-start/call-up

The call-up site is at the quarantine. Call-up will take place 8 min before start.



## Start procedure

After call-up, the GPS unit will be placed in the athlete's harnesses and bib numbers will be checked. The athlete must follow a 450 m long mandatory route marked with small pink flags. Please follow instructions given by officials at road crossings. At -4 min the athletes will enter the next start box. Here, the bib numbers will be checked again. EmiTags will be cleared at -3 and control descriptions are available at -2 min. In the last start box, the maps will be ready on a table for the athletes at the start line. They will be released by an official at the sound of the start signal.

## Control descriptions

The sizes of the separate control descriptions are 5.0 x 12.0 cm for Women and 5.0 x 13.0 cm for Men.

## Maps

The map front is hidden on the start table, but it is possible for the athletes to check that they will receive the correct course. The course name is written in the header of the map which is not hidden. It is the responsibility of the runners to get the correct map and control descriptions.

## Starting point

The starting point is marked with a control flag and is 60 m from time start. The marked route/corridor must be followed.

## Coaching zone

There will be a coaching zone at the run-in, close to the last control.

## Finish and cool-down

Athletes having finished their race are not allowed to go back to the competition area. A cool-down map will show the area allowed for cool-down and rest after the race. This will be handed out after reaching the finish.

## Team zone

A roofed team zone will be offered in the finish area. Between the qualification and the finals, teams can stay until the quarantine for the Knock-Out sprint finals opens (14:00). The team zone will close at 14:45.

The following routes must be followed when leaving the arena:

- *Back to the parking at the qualification quarantine to pick up cars:* Follow the same mandatory routes (walk or drive) as described to reach the arena and the quarantine, but in the opposite direction. See descriptions of the routes above. Alternatively, you can ask the organisers at the WOC event office for transport.
- *Out of the embargo (e.g. back to accommodation):* Follow the same mandatory route as used to reach the arena (but in the opposite direction). The route is described above.
- *Directly to the quarantine for the knock-out finals:* Follow this route: [Google link](#). The route is also shown in **Map 4** in the Appendix. It is not allowed to go to the quarantine or the parking before it opens (14:00).
- *Directly to the team parking to reach the finish of the knock-out sprint finals (for athletes and team officials not going to the quarantine):* Follow the directions from outside the embargo as described in Section 12.3.

## Heat selection

The heat allocation for the knock-out finals will be based on competitors' own heat selection. Competitors' heat selection will take place in the indoor team zone area approximately at 12:00. If a competitor is not present at the time of the heat selection, the competitor will lose her/his right to select the heat.

## Access for non-competing WOC athletes

Registered WOC athletes not competing in the qualification race, are allowed to visit the arena as spectators during the competition. They must stay in the team zone/cool-down area, and they shall follow the mandatory route described above.

## WOC-tour

As an exception to the embargo rules all registered WOC athletes and team officials are allowed to compete in the WOC spectator race during the break between the qualification and the finals. See Section 13.

## 12.3 KNOCK-OUT SPRINT FINALS

### Date

28 June 2022

### Venue

Arena Ryes Plads, GPS coordinates: 55.564101, 9.757222

### Format

Knock-Out Sprint Finals (quarter-final, semi-final and final). The competition will be conducted according to rule 12.26. For the elimination rounds, the courses may incorporate forking/splitting systems:

- 1) No forking
- 2) Forking with loops

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

Heat selection will be organised in the team zone at the qualification arena immediately after the qualification races, see Section 12.2.

### Courses details

		Length, km	Controls	Climb, m	Winning time
Quarter-Final	Women	1.9	8	22.5	7.5 min
	Men	1.9	8	22.5	6.5 min
Semi-Final	Women	1.9	9	10	7.5 min
	Men	2.1	10	12.5	7 min
Final	Women	2.4	11	15	9 min
	Men	2.4	11	15	8 min

Maximum running time: 15 min

Hard surface >90 %, areas with short cut grass occur.

### Course setter

Rasmus Thrane Hansen

### Terrain

See description under Knock-Out Sprint Qualification, see Section 12.2.

### Start times

		First start	Start interval
Quarter-Finals	Men	16:00	6 min
	Women	16:36	6 min
Semi-Finals	Men	17:45	12 min
	Women	18:21	12 min
Finals	Men	19:02	-
	Women	19:22	-

### Team parking at the quarantine

The team parking at the quarantine is at Gasværksgrunden. Teams must follow the mandatory route to reach the parking: [Google link](#). The route starts from the road crossing Strandvejen/Indre Ringvej/Holstensvej: [Google link](#). The route is also shown on **Map 5** in the Appendix. The route enters the embargo and must be strictly followed. Please note that it is not allowed to drive to the quarantine parking **before the quarantine opens (14:00)**. The quarantine must be entered directly and immediately after reaching the parking.

### Team parking to reach the finish area

Team members and coaches who want to go to the finish area/team zone on the arena (i.e. not in quarantine) are not allowed to park at Gasværksgrunden. They must park at the camp site at Svovlsyrevej ([Google link](#)). Please follow this route carefully to reach the parking: [Google link](#). The route is also shown on **Map 6 Mandatory route (2.1 km) to team parking for** at the knock-out sprint final arena: Holstensvej, Oldenborggade, Kongensgade, Svovlsyrekaj. in the Appendix.

A mandatory route to reach the team zone at the arena from the parking must be followed: [Google link](#). It is a 500 m walk along Prinsessegade. It is not allowed to take rest along this route – go directly without stopping. The route is shown on **Map 7** in the Appendix. Please note that it is also not allowed to drive to the parking (entering the embargo) **before the quarantine is closed (14:45)**.



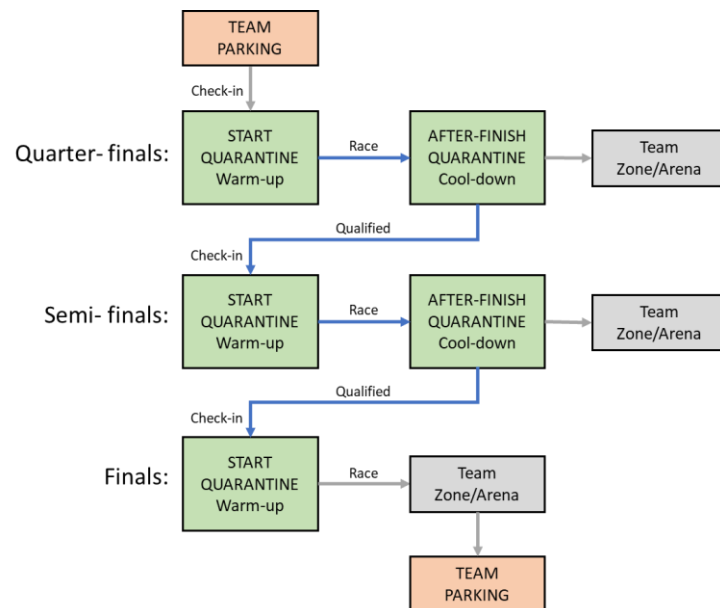
# World Orienteering Championships 2022

## Quarantine concept

The athletes are considered being in quarantine from their arrival at the quarantine for the quarter-final until they leave the competition when having been knocked out or after the final round. This means that they are in quarantine also after finish while waiting for the subsequent rounds. The quarantine zone is divided into two parts: the Start Quarantine (SQ) and the After-Finish Quarantine (AFQ). After the quarter-final and the semi-final, the athletes must check in at the SQ again for the next round.

If the athletes are not qualified for the next round, they can leave the competition by going to the team zone from the AFQ using a one-way door. Once they have left the AFQ they will not be allowed to re-enter the competition.

Note that **athletes are required to stay in AFQ** until the results of all the heats in the round are final.



## Start quarantine (SQ)

SQ will be located in a tent. A warm-up area (3,500 m<sup>2</sup>) including a warm-up map is available in the quarantine zone. The warm-up area is on hard surface.

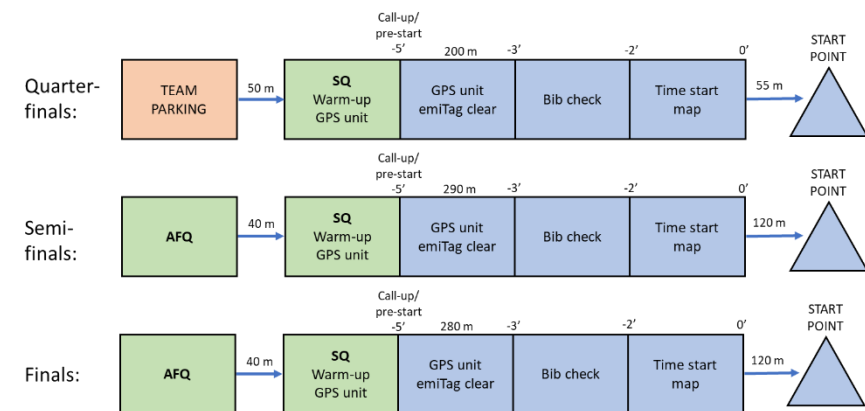
The opening hours and the check-in deadline for the start quarantine are as follows:

		Quarantine opens	Latest check-in
Quarter-Finals	Men	14:00	14:45
	Women	14:00	14:45
Semi-Finals	Men	17:10	17:20
	Women	17:10	17:40
Finals	Men	18:41	18:45
	Women	18:55	19:02

Entry to SQ for the semi-final and the final will take place directly from AFQ along a marked compulsory route. This route is 40 m long and is shown on the cool-down map. The athletes and coaches are not allowed to stop or talk with anybody while following this route.

Bags will always be transported to AFQ from the drop-off point in SQ.

GPS units will be placed in the harness by an official just before call-up in all three final rounds.



## Pre-start/call-up

The call-up site is in the tent in SQ. Call-up will take place 5 minutes before start at all the finals. EmiTags will be cleared.

## Start procedure

There will be three start boxes with a stay of 2 min in the first, 1 min in the second, and 2 min in the last box. The length of the first start box in the quarter-final is 200 m and in the semi-finals and the finals it is 290 m/280 m (athletes will be escorted in slow running speed).

At -3 min the athletes will be lined up according to the start list. At -2 min they will go their respective start lane at the start. The athletes will be guided and must follow the instructions carefully to enter the correct lane. The maps will be ready on a table for the athletes at the start line.

In order to be presented on TV the athletes must proceed to a position 1 m in front of the map tables and the start line. This position is marked on the floor/ground.

## Start commands:

-2 min	<i>"Go to your start lane. Step out to the marked point in front of the start line facing the arena"</i>
-1 min	<i>"One minute to start"</i>
-15 sec	<i>"15 seconds to start, step back to the start line"</i>
-5 sec	<i>"5 seconds to start, take your positions"</i>
Start	Electronic start signal

The maps will be released by an official at the sound of the start signal. Early start leads to disqualification.

## Maps and map flip

There may be a map flip at some point along the course in each round. In case a map flip occurs: 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. At the top of both sides of the map, the part of the course is written in white text ("Part 1"/"Part 2"). At start, Part 1 is facing upwards. At the top of the map, the first part is named "Part 1" and the second part on the other side is named "Part 2", written in the header of the map.

## Starting point

The starting point is marked with a control flag. Follow corridor/marked route:  
Quarter-final: 55 m, Semi-final: 120 m, Final: 120 m

## Arena passage

An arena passage may occur in each of the three final rounds. Be aware, that the arena passage partly can share the run-in to the finish line. Where they split into two corridors follow the signs for "Next loop". Corridors are separated by metal fences and V-boards. It is the runner's responsibility to follow the correct corridor, and not finish the race without running the second loop.

## Coaching zone

Due to limited space on the arena, there will not be any dedicated coaching zones arranged.

## Finish

Athletes having finished their race are not allowed to go back to the competition area. In the finish area, there will be a finish coach zone with access for one accredited person per federation.

The athletes will be guided through a 70 m long corridor to the entrance of AFQ.

## After-finish quarantine (AFQ)

AFQ offers indoor and outdoor areas. A small cool-down area (2,000 m<sup>2</sup>). The cool-down is on hard surface. The cool-down map will show where bags can be found, how to enter the SQ, and where the one-way exit to the team zone in the arena is.

A small part of AFQ will be arranged as a media zone. Media will have their own entrance and will have limited access only to a small, fenced area. It will therefore be possible to give interviews to media while staying in AFQ.

## Logistics for team officials

Team officials can:

- Leave SQ and go to AFQ at any time, but they cannot go back before it opens again for the next round.
- Go from AFQ to the finish coach zone and back at any time ("*Finish coach zone*" accreditation card is required).
- Leave AFQ and go to the team zone/arena, but then they cannot return to the quarantines.

## Results

In the finish zone, unofficial heat results (live results) will be present on a video screen. Shortly after each heat, printed results will be published on results board in the finish zone and in the AFQ (after the entrance) simultaneously.

Athletes, who have been knocked out are allowed to leave AFQ after the results of all heats in a round are final. They must use the one-way exit door to the team zone/arena.

## Complaints and protests

The heat results will be published with the following text clearly written on the top of the paper sheet: *"Provisional Heat Results. End of complaint time HH:MM. After this time, the heat results are **Final** if no complaints are received".*

Athletes and team officials will have 3 minutes to hand in a complaint. This must be done orally to an official located at the results board. The complainant must stay at the result board until the decision is communicated. Otherwise, the complaint will be invalid.

Any protest must be made to the official located at the results board no later than 3 minutes after the organiser has announced the decision on the complaint. The protest will be adjudicated by the jury and the decision will be informed to the complainant. Again, the complainant must be present at the result board until the jury decision is communicated. Otherwise, the protest will be invalid.

## Team Zone at the arena

There will be an indoor team zone connected to the arena. A map showing where it is allowed to stay on the arena is available in the team zone. Access to toilets is possible.

## Start lists

Start lists for all rounds will be made available in AFQ and SQ.

## Access for non-competing WOC athletes

After quarantine closure (14.45), team officials and registered WOC athletes not competing in the knock-out finals, are allowed to visit the arena as spectators during the competition. They must stay in the team zone or in the area as shown on a map available in the team zone. The mandatory route from/to the team parking described under **Team parking** above must be strictly followed until the end of the competition.

## 12.4 SPRINT QUALIFICATION

### Date

30 June 2022

### Venue

Arena Vestre Stadion, GPS coordinates: [55.713778, 9.520819](#)

### Format

Sprint qualification race with three heats for each gender. 45 women and 45 men will qualify for the finals in the evening – 15 from each heat. The start interval is 1 minute.

### Courses details

	Length, km	Controls	Climb, m
Women A	3.1	17	10
Women B	3.2	17	10
Women C	3.3	17	10
Men A	3.6	20	15
Men B	3.7	20	15
Men C	3.7	20	15

Expected winning times: 13:30

Maximum running time: 50 min

Hard surface >75 %, areas with short cut grass occur.

### Course setters

Nicolai Nielsen and Bjarne Hoffmann

### Terrain

The embargoed area includes a complex old town area with shopping streets, backyards and narrow alleyways. Modern residential areas with apartment buildings and areas with public buildings and schools are also present. The northern part of the embargo consists of a 90-meters high slope, cut by deep ravines and partly vegetated by deciduous forest. The southern part is nearly flat. The area is cut by two railways and two water courses, both with several bridge passages. The railways can also be passed through tunnels at several places. The eastern part of the embargoed area reaches the harbour area, in which many new apartment buildings have recently been constructed.



## Start time

First start at 9:30. Starting order Men/Women.

## Team parking at the quarantine

Team parking location: [Google link](#)

To reach the team parking at the quarantine please follow this route: [Google link](#) starting from the road crossing Bredstenvej/Damhaven/Boulevarden ([Google link](#)). See also **Map 8** in the Appendix.

Walking distance from team parking to quarantine: 75 m. Follow small pink flags.

## Team parking at the finish

Team parking location: [Google link](#)

To reach the team parking at the arena, please follow this route: [Google link](#) from the road crossing Bredstenvej/Damhaven/Boulevarden ([Google link](#)).

To reach the team parking at the arena from the team parking at the quarantine follow this route: [Google link](#). See also **Map 9** in the Appendix.

Take care not to enter the embargoed area. Please follow the instructions for parking on arrival and follow signs to the arena. Note, that it is not allowed to drive to the parking area and go to the arena and team zone **before the quarantine is closed (8:15)**.

## Quarantine

The quarantine opens at 07:30 and latest check-in time is 08:15. The quarantine will be in an indoor facility. A warm-up area (5,000 m<sup>2</sup>) is available in the quarantine zone (hard surface). No warm-up map.

Coaches and team officials can leave the quarantine at any time after the deadline (8:15). It is possible to go to the team parking at the arena by own car following the route described above. It is also possible to walk. A map showing the mandatory route will be handed out when leaving the quarantine. The walking distance to the arena is 1.5 km.

Athlete bags can be left at the bag drop in the quarantine. Organisers will transport them to the team zone at the arena.

## Pre-start/call-up

The call-up site is in the warm-up area at the quarantine. Call-up will take place 5 min before start.

## Start procedure

After call-up, the GPS unit will be placed in the athlete's harnesses and bib numbers will be checked. The athlete must follow a short, marked route in the first box (210 m). At -3 min the athletes will enter the next start box. In this box, emiTags will be cleared, and control descriptions are available in the next box at -2 min. In the last start box, the maps will be ready on a table for the athletes at the start line. They will be released by an official at the sound of the start signal.

## Control descriptions

The sizes of the separate control descriptions are 5.0 x 14.0 cm for Women and 5.0 x 16.0 cm for Men.

## Maps and map flip

The map front is hidden on the start table, but it is possible for the athletes to check that they will receive the correct course. The course name is written in the header of the map which is not hidden. It is the responsibility of the runners to get the correct map and control descriptions.

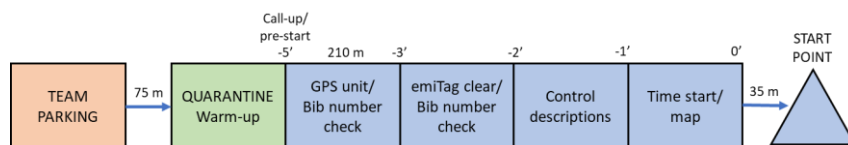
There is a map flip during the race. The last control on the first side of the map is identical to the first control on the other side of the map. At the top of the map, the first part is named "Part 1" and the second part on the other side is named "Part 2", written in the header of the map.

## Starting point

The starting point is marked with a control flag and is 35 m from time start. Follow marked route/corridor.

## Coaching zone

There will be a coaching zone at the run-in, close to the last control.



## Finish and cool-down

Athletes having finished their race are not allowed to go back to the competition area. A cool-down map will show the area allowed for cool-down and rest after the race. This will be handed out after reaching the finish.

## Team zone

A team zone in a tent will be available in the finish area. Between the races, teams can stay until the quarantine for the Sprint final opens (15:30).

When leaving the arena, teams and athletes must follow the same routes they used for reaching the area. Take care not to enter the embargo.

*Going back to the quarantine parking:* Follow the same route by foot as used to reach the arena (but in the opposite direction). Alternatively, you may ask the organisers at the event office for transport.

## Access for non-competing WOC athletes

Registered WOC athletes not competing in the qualification race, are allowed to visit the arena as spectators during the competition. They must stay in the team zone/cool-down area, and they shall follow the mandatory route to reach the team parking as described above.

## WOC-tour

As an exception to the embargo rules all registered WOC athletes and team officials are allowed to compete in the WOC spectator race during the break between the qualification and the finals. See Section 13.

## 12.5 SPRINT FINAL

### Date

30 June 2022

### Venue

Arena Byparken GPS coordinates: 55.710593, 9.530572

### Format

Sprint distance with 1 minute start interval. The 15 best ranked in each qualification participate. The starting order is determined by the qualification results.

### Courses details

	Length, km	Controls	Climb, m
Women	3.8	19	20
Men	4.3	22	20

Expected winning times: 14:45

Maximum running time: 50 min

Hard surface >80 %, areas with short cut grass occur.

### Course setter

Nicolai Nielsen and Bjarne Hoffmann

### Terrain

See description from the qualification race (Section 12.4). In addition to this, there will be a shallow water passage (app. 30 cm water depth).

### Start time

First start:

- Men 17:51
- Women 18:51 (expected)

### Team parking at the quarantine

Team parking location: [Google link](#) (same as for Sprint Qualification).

To reach the team parking at the quarantine, please follow this route: [Google link](#) starting from the road crossing: Bredstenvvej/Damhaven/Boulevarden ([Google link](#)). See also **Map 8** in the Appendix.

Walking distance from team parking to the quarantine: 75 m. Follow small pink flags.

## Team parking at the finish

Team parking location: [Google link](#)

To reach the team parking at the arena, please follow this route: [Google link](#), starting from the road crossing Bredstenvej/Damhaven/Boulevarden ([Google link](#)). See also **Map 10** in the Appendix. Please follow the instructions where to park on arrival and follow signs to the arena.

Note, that it is not allowed to enter the parking area (in the embargo) and go to the arena/team zone **before the quarantine is closed (16:15)**.

## Quarantine

The quarantine opens at 15:30 and latest check-in time is 16:15. It will be in an indoor facility. A warm-up area (5,000 m<sup>2</sup>) is available in the quarantine zone (hard surface).

Coaches and team officials can leave the quarantine at any time **after the check-in deadline (16:15)**. It is possible to drive to the team parking at the arena using own car by following this mandatory route: [Google link](#). See also **Map 11** in the Appendix.

It is also possible to walk. A map showing a mandatory route to follow by foot will be handed out when leaving the quarantine. The walking distance to the arena is 0.6 km.

Athlete bags can be left at the bag drop in the quarantine. Organisers will transport them to the team zone at the arena.

min the emiTags will be cleared, and at -2 min control descriptions are available. In the last start box, maps will be released by an official at the sound of the start signal.

It is possible to leave light clothes for warm-up at the waiting zone. These clothes will be brought to the team zone at the arena after the last start of the race.

Departure times for the shuttle transport are given in the table below.

Start time	Shuttle	Start time	Shuttle	Start time	Shuttle	Start time	Shuttle
17:51-17:55	17:25	18:16-18:20	17:50	18:46-18:50	18:20	19:11-19:15	18:45
17:56-18:00	17:30	18:21-18:25	17:55	18:51-18:55	18:25	19:16-19:20	18:50
18:01-18:05	17:35	18:26-18:30	18:00	18:56-19:00	18:30	19:21-19:25	18:55
18:06-18:10	17:40	18:31-18:35	18:05	19:01-19:05	18:35	19:26-19:30	19:00
18:11-18:15	17:45	18:36-18:40	18:10	19:06-19:10	18:40	19:31-19:35	19:05

Team officials are not allowed to follow the athletes beyond pre-start/call-up, i.e. not in the shuttle transport.

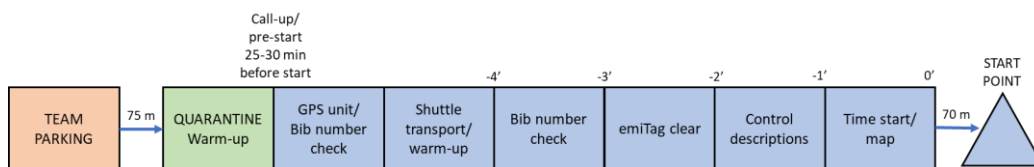
## Starting point

The starting point is marked with a control flag and is 70 m from time start. Follow marked route/corridor.

## Maps and map exchange

Maps will be ready on a table for the athletes at the start line in the last start box. In the last start box, maps will be released by an official at the sound of the start signal.

There is a **map exchange** during the race. The first part finishes in the middle of a compulsory route. Here, the athletes drop their maps in a box, and take a new map from a map board (with the sign: "Map Exchange"). The new map will be rolled without a rubber band. Once the map is taken from the map board, it can be unrolled while the athlete is proceeding to the start point at the end of the compulsory route. The new start triangle is marked with a control flag in the terrain. Control numbers are continuous. The compulsory route will be clearly marked in the terrain and obvious to follow.



## Pre-start/call-up and start procedure

The call-up site is at the quarantine. Call-up will take place every 5<sup>th</sup> min and 5 athletes will be called up at the same time. They will be transported by shuttle bus to the start site. The bus trip will take less than 10 minutes. There will be toilets and a small, warm-up area (1,000 m<sup>2</sup>) available at the waiting zone. At -4 min, the athletes will proceed to a start box with bib number check; at -3



There is also a **map flip** during the race. This map flip occurs on the first part of the course, before the map exchange. The last control on the first side of the map is identical to the first control on the other side of the map. At the top of the map, the first part is named "Part 1" and the second part on the other side is named "Part 2", written in the header of the map.

## Finish and cool-down

Athletes having finished their race are not allowed to go back to the competition area. A cool-down map will show the area allowed for cool-down and rest after the race. This will be provided in the team zone. In the finish area, there will be a finish coach zone with access for one accredited person per federation.

## Team zone

A team zone in a tent is available in the finish area. A cool-down map will show the area allowed for cool-down and rest after the race.

The finish area can be left at any time by following the same route as used to reach the team parking (in opposite direction), see description above. During the race, it is not allowed to walk back through the quarantine to pick up cars at the quarantine car parking.

## Coaching zone

No coaching zone in the finish area.

## Access for non-competing WOC athletes

After quarantine closure (16:15), registered WOC athletes not competing in the sprint final, are allowed to visit the arena as spectators during the competition. They must stay in area indicated on the map available in the team zone (cool-down map). The mandatory route to reach the team parking described under

**Team parking at the finish** above shall be followed.

## 13. SPECTATOR RACES (WOC Tour)

Six spectator races are organised throughout the week for the WOC spectators.

### 13.1 PROGRAMME, SPECTATOR RACES

#### Saturday 25 June

Format	Shortened Long Distance, forest
Venue and map	Frederikshåb Plantage
First start	14:00

#### Sunday 26 June

Format	Middle Distance, forest
Venue and map	Hylkedal
First start	12:00

#### Monday 27 June

Format	Sprint
Venue	SlotssøBadet, Kolding
Map	Kolding
First start	10:00

#### Tuesday 28 June

Format	Sprint
Venue	Arena Østerstrand, Fredericia
Map	Fredericia
First start	12:45

#### Wednesday 29 June

Format	Middle Distance, forest
Venue and map	Frederikshåb Plantage
First start	10:00

#### Thursday 30 June

Format	Sprint
Venue	Arena Vestre Stadion, Vejle
Map	Vejle
First start	12:45

## 13.2 PARTICIPATING IN WOC TOUR

Registered WOC athletes and team officials not competing in the WOC competitions on the race day or in the finals, are allowed to:

- Visit the WOC arena as spectators during the competition. Mandatory routes to and from the arena must be followed and it is only allowed to stay in team zones and dedicated cool-down areas (see Section 12 for each competition).
- Compete in the WOC spectator races. Directions for this is described below.

Except for these two exemptions, all WOC athletes are still required to respect all given embargo restrictions.

At all six spectator race stages, there will be 15 vacant start positions reserved for late entry of WOC athletes in each of the classes M21 and W21. To participate, go to the WOC Tour event office at the arena and register before the first start of the race. Price: 185 DKK to be paid directly. Payment with credit cards is possible.

Further information about the spectator races can be found at the [WOC Tour homepage](#).

Immediately after the first start of the spectator races on 28 June and 30 June, maps from the races will be published in IOF Eventor, and they will also be available in the quarantines.

## 14. Other

### 14.1 ATHLETE'S DINNER AND PARTY

Immediately following the Closing Ceremony, there will be a banquet and afterparty for athletes and team officials at the Event Center, Comwell Kolding. Registration fee for the Athletes' Banquet is 225 DKK incl. 1 beverage; Registration is done in Eventor. For post-deadline registration, please contact [office@woc2022.dk](mailto:office@woc2022.dk)

Time of the Banquet is 21.30 – 03.00

## 14.2 SLOTSSØBADET

All athletes and team officials have free access to Slotssøbadet in Kolding during the WOC week. Please observe, though, that Slotssøbadet is situated inside the embargoed area, so the offer is relevant only after the Sunday Sprint Relay.

For free entrance, bring your athlete's or team official's accreditation card.

## 15. Covid-19

As a general rule, WOC will be held in accordance with the Danish Authorities' recommendations.

The Covid-19 situation in Denmark is completely normalised and there are presently no travel restrictions or restrictions to daily life. We hope that WOC can be held in line with that.

We recognise, however, that there is currently a development taking place in the Covid-19 situation around the world, and we may have to implement necessary changes. Relevant information on Covid-19 in Denmark can be found on the [WOC 2022 website](#). Rather than giving a finite Covid-19 guideline for WOC in this bulletin we kindly ask you to visit this page for updated information and links to relevant authorities.

Any decisions taken that will affect the teams, will be communicated directly to the team officials as well as being posted on the website.

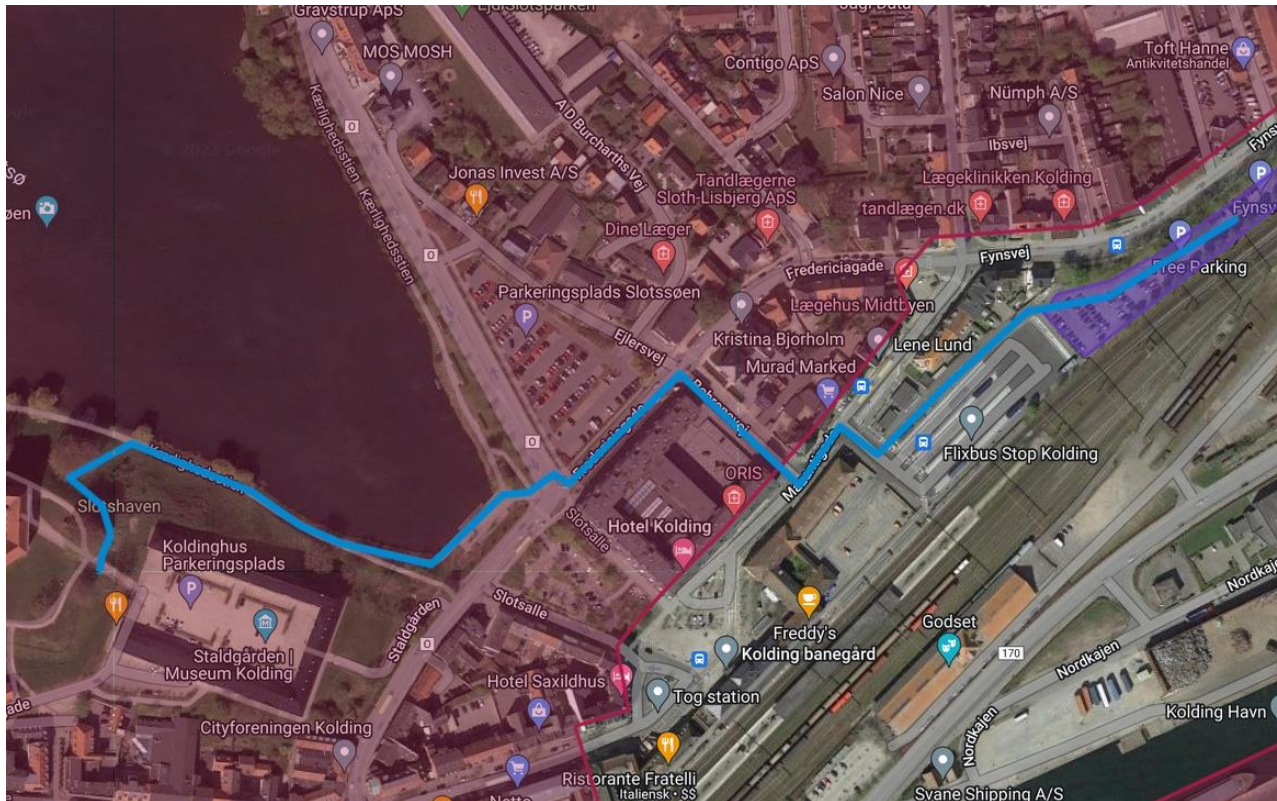
## 16. Appendix



Map 1: Route (1.2 km) from Comwell Kolding to team parking at the Sprint Relay. [Google link](#).



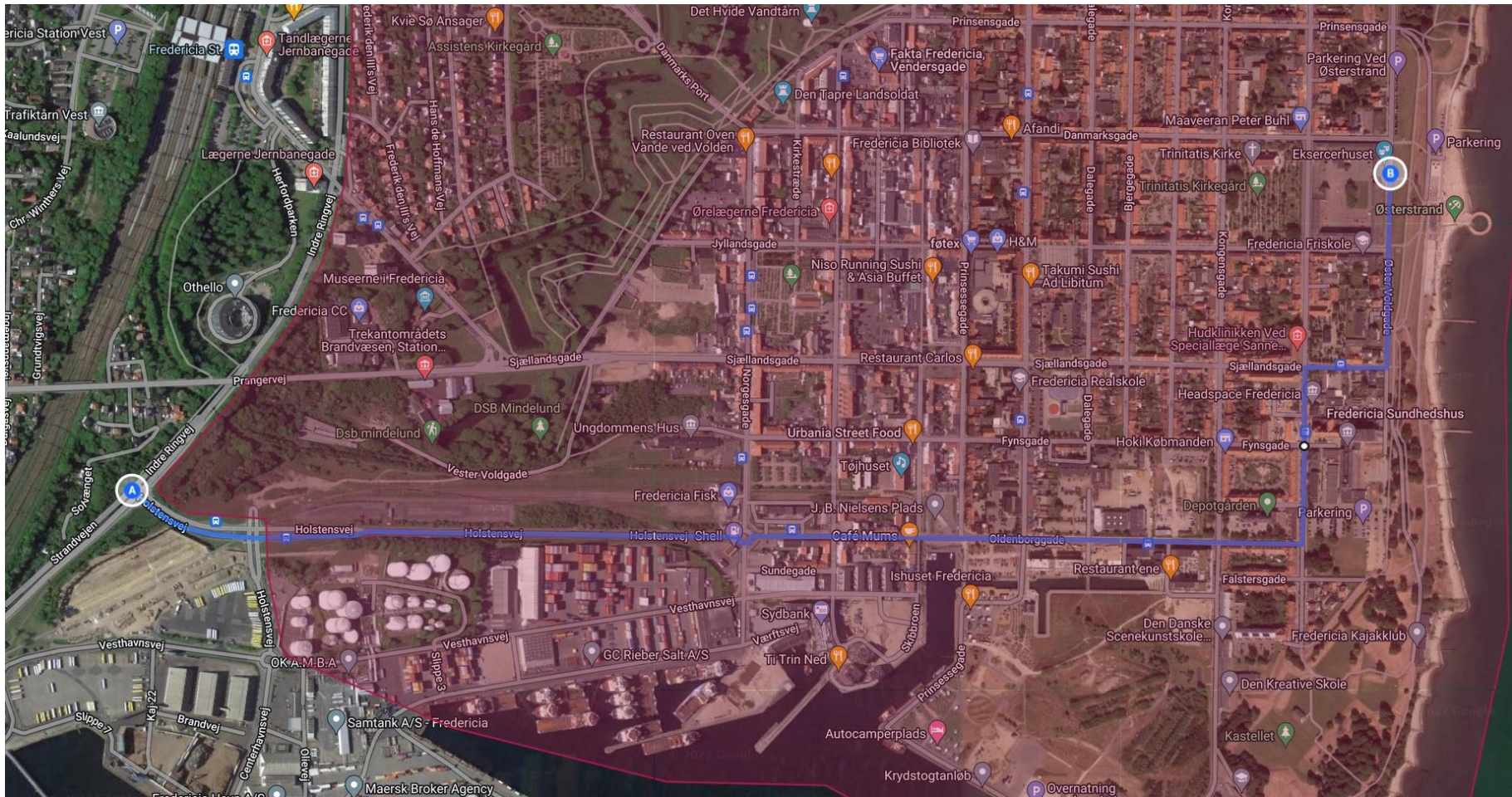
# World Orienteering Championships 2022



Map 2: Mandatory route (900 m) from team parking to the Sprint Relay arena. Follow signs to team zone when arriving at the arena.



# World Orienteering Championships 2022



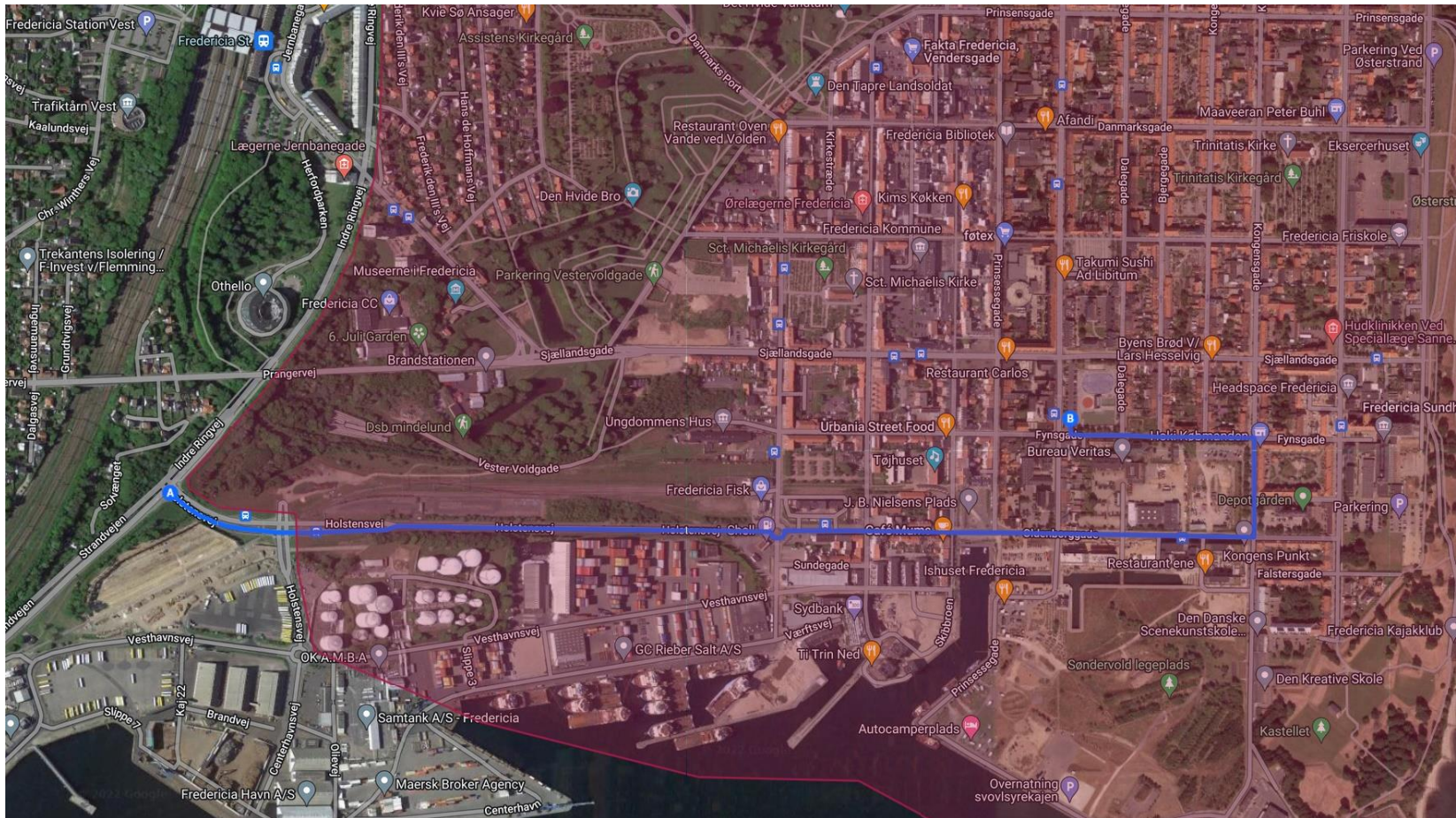
Map 3: Mandatory route (2.4 km) to team parking at the knock-out sprint qualification arena: Holstensvej, Oldenborggade, Dronningsgade, Sjællandsgade, Øster Voldgade, Eksercerhuset. Follow signs to team zone when arriving to the parking at Bülow's Kaserne. [Google link](#).







# World Orienteering Championships 2022



Map 5: Mandatory route (2.1 km) to team parking at the **team parking at the quarantine** for the knock-out sprint final: Holstensvej, Oldenborggade, Kongensgade, Fynsgade, Gasværksgrundens parking. Follow signs to the quarantine when arriving to the parking at Gasværksgrunden. [Google link](#).

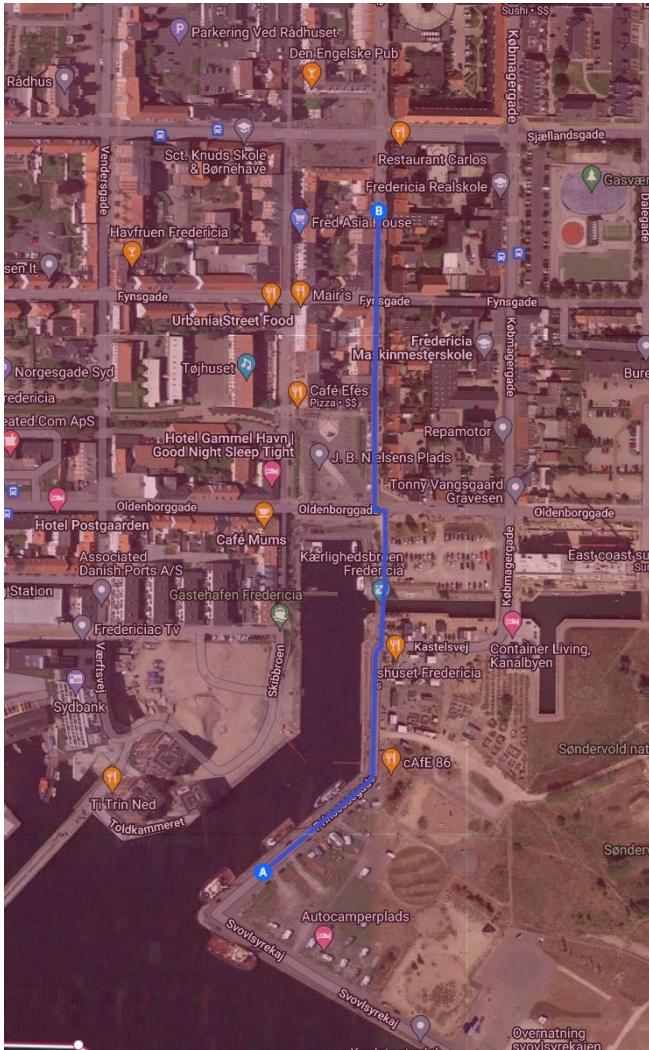


# World Orienteering Championships 2022

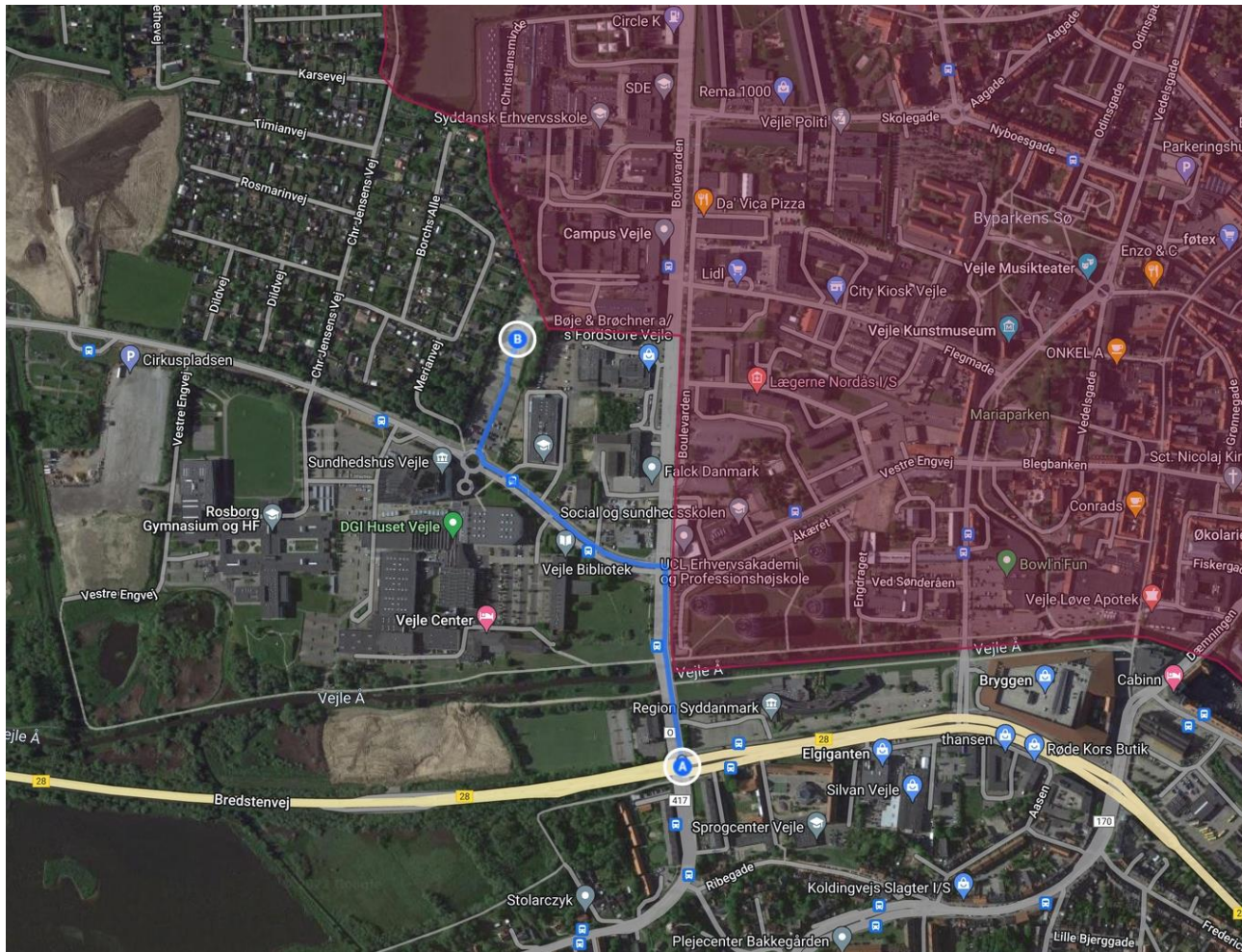


Map 6 Mandatory route (2.1 km) to team parking for at the knock-out sprint final arena: Holstensvej, Oldenborggade, Kongensgade, Svovlsyrevej. [Google link](#).





Map 7 Mandatory route (500 m) from team parking to the knock-out sprint arena. Follow signs to team zone when arriving at the arena. [Google link](#).



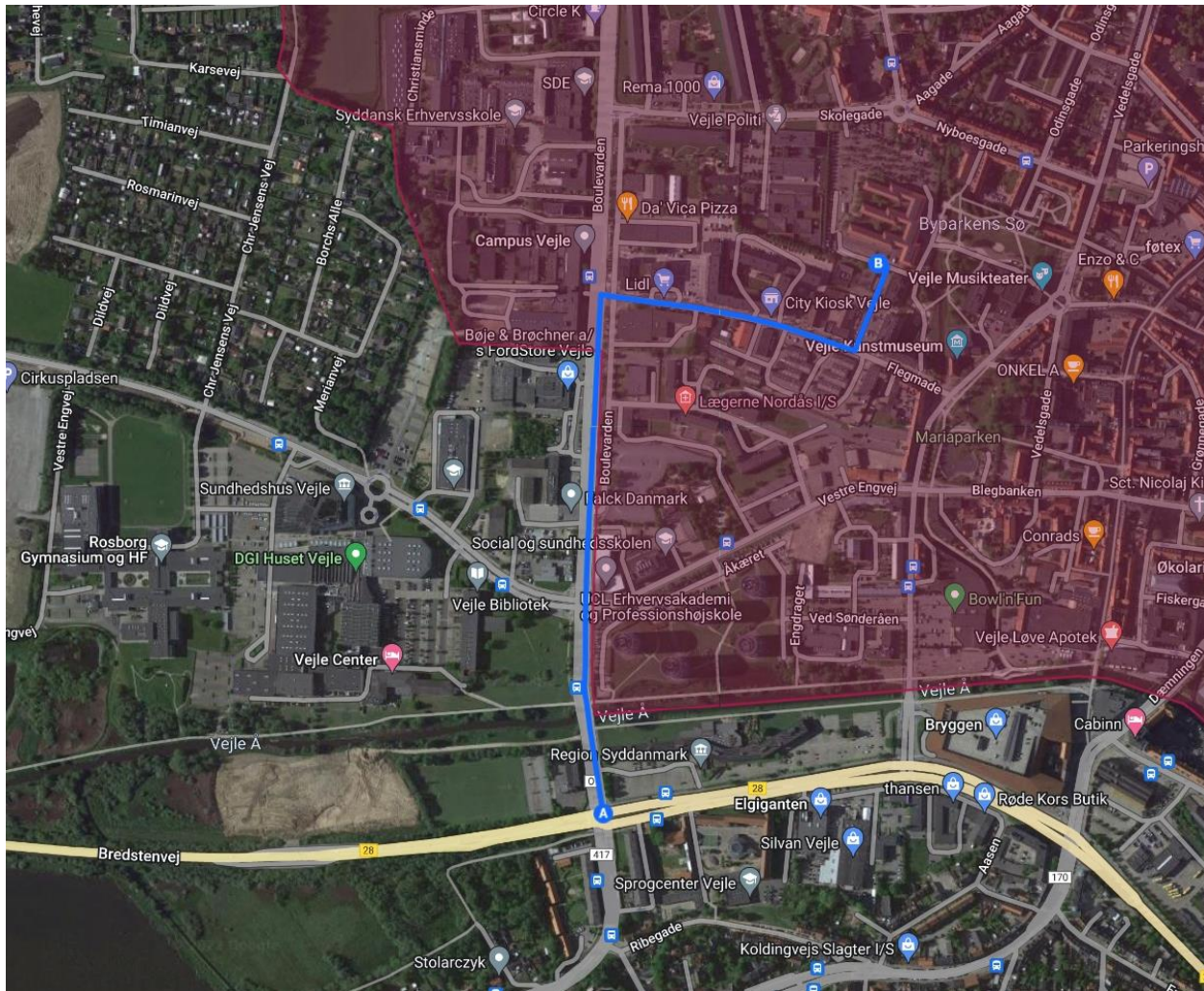
Map 8: Proposed route (0.7 km) to team parking at sprint qualification and sprint final quarantine: Boulevarden/Vestre Engvej/follow signs from roundabout. Follow signs to quarantine when arriving to the parking. [Google link](#).







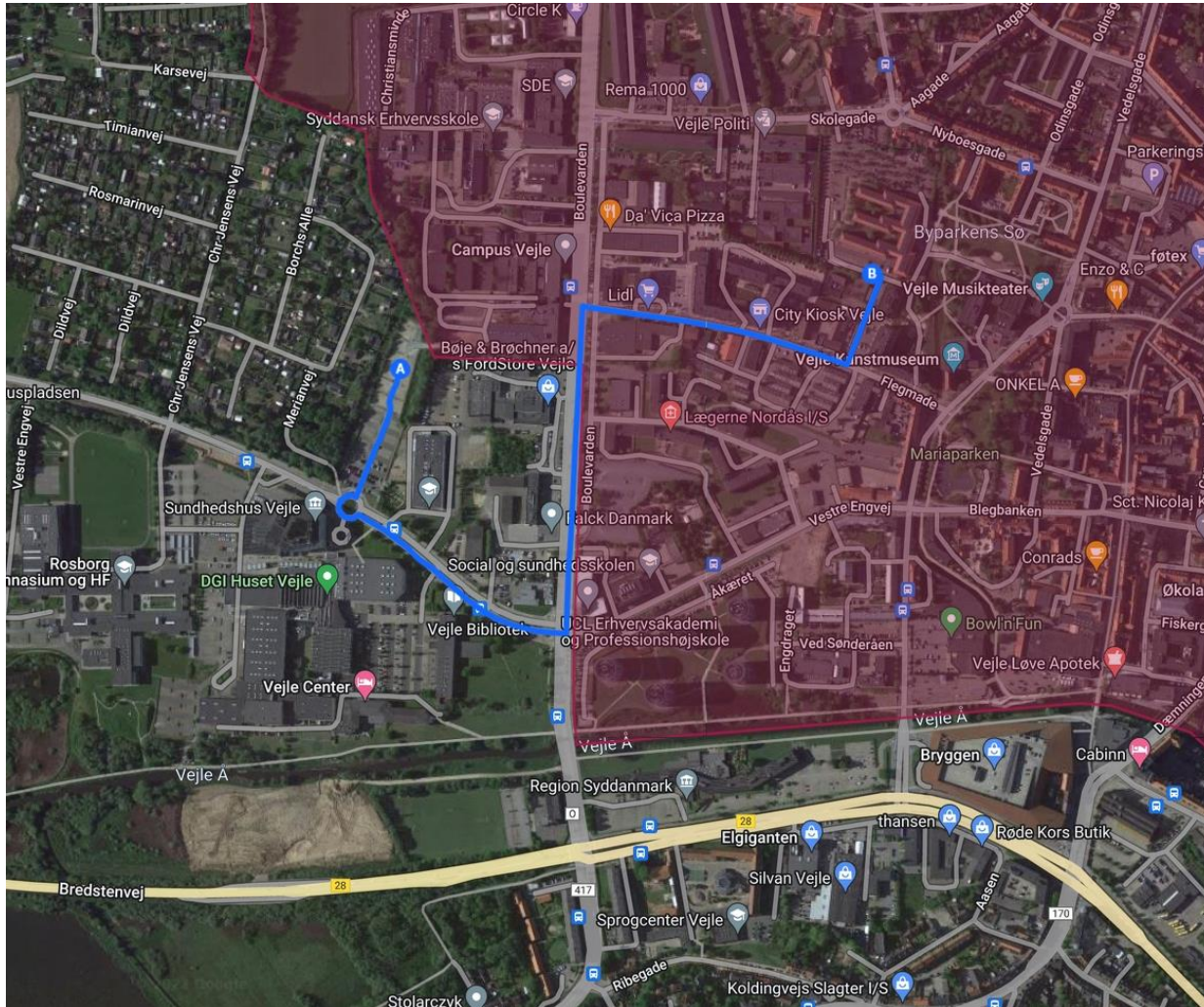
# World Orienteering Championships 2022



Map 10: Mandatory route (1.1 km) to the team parking at the sprint final arena: Boulevarden/Fleggade/follow signs from Fleggade. Follow signs to team zone at the arena when arriving to the parking. [Google link](#).



# World Orienteering Championships 2022



Map 11: Mandatory route (1.2 km) from team parking at sprint quarantine to the team parking at the sprint final arena: Vestre Engvej/Boulevarden/Flegmåde/follow signs from Flegmåde. Follow signs to team zone at the arena when arriving to the parking. [Google link](#).

