



**COMPETITION INSTRUCTIONS  
WOC TOUR - FIN5 2025  
KUOPIO SUUNNISTAJAT**

Competition instructions for Fin5 2025 Orienteering Week will be updated as needed until the day before the competition. We will inform participants of any changes.  
Updated on July 6, 2025. Changes are highlighted in red.

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## **Event Management and Communication**

### WOC 2025

- Event Director: Jari Kymäläinen, jari.kymalainen@woc2025.fi
- Secretary General: Sakari Hyvönen, sakari.hyvonen@woc2025.fi

### WOC Tour / Fin5 2025

- Competition Director: Ari Kauhanen, woctour@woc2025.fi
- Deputy Competition Director: Anders Westerlund, woctour@woc2025.fi
- Event Controller: Johan Uusimäki
- Results Service Manager: Milla Lompola
- Communications: Mikko Leppävuori
- Safety: Eino Launonen

## **Jury**

- Chair: Antti Ekonoja
- Members: Ove Simosas, Mari Väisänen

## **Competition Rules**

The competition follows the rules of the Finnish Orienteering Federation (SSL) and organizer's instructions.

### **Terrain Descriptions**

#### Sprint in Nilsjä

- Flat terrain, with public service buildings and small apartment blocks.

#### Long and Middle Distance in Tahko

- The terrain surrounds a ski resort, with the summit of Tahkomäki rising 201 meters above lake level.

- Terrain is partly intricate, with vegetation varying from open slopes to old forest (deciduous, spruce, pine).
- Clear-cut areas also present. Runability is generally good, but elevation changes and rocky surfaces increase physical challenge. Visibility ranges from poor to excellent. Dense trail network near arena.

#### Middle Distance in Neulaniemi

- Steep terrain with rocky hills and undulating contours.
- Neulamäki rises 200 m above sea level and 120 m above Lake Kallavesi.
- Forests are largely managed but haven't been logged in 30 years. Many areas are 80–130 years old.
- Mixed coniferous forest: spruce slightly dominates over pine. Little deciduous forest.
- Runability varies from smooth forest floor to rocky ground. Fallen trees can slow progress.
- Visibility is good to excellent.

#### Middle Distance in Puijo

- Characterized by boulders, small cliffs, and steep slopes.
- Some parts are low in detail.
- Vegetation: old forest with a mix of broadleaves, pines, and spruces.
- Generally good runability; elevation and deadfall may slow movement.
- Mostly good visibility. Puijo is a recreational area in the heart of Kuopio.

#### **Forbidden Areas**

- Indicated on competition maps.
- Areas without border markings on the map are not taped in terrain.
- Dashed-line borders on the map are marked with striped tape in terrain.
- Solid-line borders on the map are marked with solid tape in terrain.

## Restricted Training Areas

- Sprint area is off-limits for training from 7 July 2025 at 00:00 until 17:00.
- Visiting Nilsia center is allowed until 6 July at 23:59.
- Terrain around Tahko is embargoed for training and competition until the middle-distance event ends on 9 July.
- Entry to Tahkomäki is prohibited before this.
- Neulaniemi and Puijo are fully embargoed.

More information: <https://www.woc2025.fi/for-teams/>

**Note: Competitors who took part in the WOC test event on 7 June 2025 may not participate in the Fin5 race on 12 July in Puijo. They may only enter open classes.**

## Arenas (Competition Centers)

Fin5 arenas are located in Nilsia, Tahko, and Kuopio:

- **\*\*7 July\*\***: Nilsia, Kankaisten Sports Field, Kirkonmäentie 3, 73300 Kuopio
- **\*\*8–9 July\*\***: Tahko, Tahkolaaksontie 130, 73310 Kuopio
- 11 July: Neulaniemi, Raiviopolku, 70150 Kuopio
- 12 July: Puijo, Suurmäentie 85, 70200 Kuopio

## Guidance & Parking

Information about competition centers, directions, and parking:

<https://fin5.woc2025.fi/en/arrival-parking-and-services-at-the-arenas/>

- Arena at Kankaisten field in Nilsia is reached via Laitisenmäentie 4–2. Arrive from the eastern end of Nilsia cemetery parking lot. (Coordinates: 63.20527, 28.07104)

## Maps, Scales, and Control Descriptions

- Contour intervals: 5 m (standard), 2.5 m (sprint).
- Map sizes: A3, A4, A5 (children).
- Maps are protected by plastic covers.

- Please read the Scales in *Start, map scale, course length, and number of controls by class*
- Control descriptions are printed on maps and available separately at starts for all competitive classes.
- No descriptions for RR (beginner) classes.

Forbidden areas are marked on maps — entering them will result in disqualification.

Any marked routes between controls must be followed.

**Maps are not collected at the finish — fair play is expected before and after races.**

**Competitors waiting for their start are not allowed to study the course in advance!**

### **Special Instructions by Stage**

#### 1st Stage – Nilsinä

- Nilsiantie, which runs through Nilsinä's urban area, must only be crossed at designated pedestrian crossings. Crossing points are marked with cones and supervised.
- Note: On the 1:3000 sprint map, only part of the run-in to the finish is visible. After the last control, competitors follow marked tapes to the finish line.
- Model maps will not be available at the start.

#### 2nd Stage – Tahko

- On the Fin5 stage 2 string course near control 5, there are earth mounds at the end of a path.
- These mounds can be bypassed from either side and are **\*\*not\*\*** located along the taped route.

#### 4th Stage – Neulaniemi (10 July 2025)

- There are television camera structures in the terrain that are **\*\*not shown on the map\*\***.

#### 5th Stage – Puijo (12 July 2025)

- A nonstop bus service is also available **for the youngest and the oldest participants** for part of the journey to the start.
- The route is long, so a bus service is available for those with a parking ticket (EasyPark).

- The start bus departs from the same place where the parking shuttle drops off at the arena.
- The bus covers about half the distance to the start.
- Return transport from the remote finish to the arena uses the same bus stop.
- Please be careful when crossing roads — cross only at pedestrian crossings.
- To avoid congestion, participants may also use the marked path back to the arena.

## **Controls and EMIT Punching System**

- Control points are marked with white-and-orange flags in the terrain.
- A model control is near the info post in the competition center.
- For RR (string course), a model control is also available at the start.
- There are many controls in the terrain in every stage — always check the code when punching.
- The EMIT punching system will be used in the competition.
- Check your EMIT card functionality at the model control in the arena.
- The same EMIT card may not be used in competitive and open classes, or by different people.
  - In family classes, multiple people may use one EMIT card (e.g. a child with their parents).
- In open classes (recreational orienteering), using an EMIT card is mandatory for safety reasons, so the organizers know that everyone has returned from the terrain.

## **EMIT Card Changes**

For competitive classes:

- EMIT number changes are free until 22 June 2025.
  - You can update your EMIT number in the IRMA service or by emailing: [tourinfo@woc2025.fi](mailto:tourinfo@woc2025.fi)

- From 23 June to 4 July, changes must be emailed to: [tourinfo@woc2025.fi](mailto:tourinfo@woc2025.fi)
- On competition days 7–12 July, report any changes onsite at Fin5 info
- A €15 processing fee will be charged for number changes after 22 June.

Competitors are responsible for using the correct, registered EMIT card. The organizers will not verify this at the start. Using a different card than the one submitted will lead to disqualification (Orienteering rule 11.518).

CHECK your EMIT number and information on the start list

Report any changes to INFO before your start!

### **EMIT Rentals**

- EMIT card use is mandatory for both competitive and open classes.
- Cards can be rented at Fin5 Info:
  - €20 for the week or €6 per day
  - Pre-booked rental cards for competitive classes can be picked up and paid for on site.
- A fee of €95 will be charged for any unreturned rental card.

### **Selection for Elite Classes**

- The organizers may limit entries to elite classes H21E and D21E.
- If a limit is applied:
  - Top 45 based on World Ranking
  - Top 15 based on Finnish national ranking
- Other registrants will be moved to H21A or D21A.

### **Footwear**

- Spikes are prohibited in all races.
- Studded shoes are also prohibited in sprint orienteering.

### **Bib Numbers and EMIT Check Cards**

- All competitors must wear a bib number.
- Bib numbers can be collected from folders next to Fin5 Info at the arena, or in advance from Fin5 Info at Tahko Piazza on Sunday 6 July 2025 between 14:00 and 18:00.
- Bib numbers can be checked in the start list at: [fin5.woc2025.fi](http://fin5.woc2025.fi) → Start Times and Results.

Note:

- Competitors must attach their bib numbers using their own safety pins.
- The numbers have pre-punched holes for pinning — attaching elsewhere increases the risk of tearing.
- The same bib number is used throughout the week.
- A replacement bib number for a lost one can be obtained from Fin5 Info for €2.

EMIT check cards will be available at the start areas.

## Entry to WOC Final Arenas

Participation in the Fin5 Orienteering Week entitles you to free access to the WOC final arena as follows:

Days Participated in Fin5 WOC Final Arena Entries

- 1 day participation is 1 entry
- 2 days participation is 2 entries
- 3–5 days participation is 3 entries

WOC final arena tickets can be claimed at Fin5 Info by presenting your bib number if you participate 1-2 days.

Please take care of your bib number you'll need it to redeem tickets. If needed, replacement numbers are available at Fin5 Info.

## Start, map scale, course length, and number of controls by class

Sprint Nilsjä 7.7.2025

Classes	Start	Scale	Distance km	Controls
H21E	1	1:4000	4,8	24
H20E	1	1:4000	4,3	20

H18E	1	1:4000	4,3	20
H16E	1	1:4000	3,5	17
H21A	1	1:4000	4,1	19
H21AL	2	1:4000	3,5	19
H35A	1	1:4000	4,3	25
H35AL	1	1:4000	3,8	22
H40A	1	1:4000	4,3	25
H40AL	1	1:4000	3,8	22
H45A	2	1:3000	3,6	21
H45AL	2	1:3000	3,4	21
H50A	2	1:3000	3,4	18
H50AL	2	1:3000	3,4	21
H55A	2	1:3000	2,4	15
H55AL	3	1:3000	2,1	15
H60A	2	1:3000	2,3	14
H60AL	3	1:3000	2,1	15
H65A	2	1:3000	2,4	16
H65AL	3	1:3000	1,9	14
H70A	3	1:3000	2	14
H70AL	3	1:3000	1,9	14
H75	3	1:3000	1,8	11
H80	3	1:3000	1,3	11
H85	3	1:3000	0,9	9
H90	3	1:3000	0,9	9
H95	3	1:3000	0,9	9
H17-20	1	1:4000	2,4	14
H16	2	1:4000	2,5	16
H14	4	1:4000	2,7	20
H13	4	1:4000	1,8	13
H12	4	1:4000	1,5	11
H10	4	1:4000	1,2	8
H12TR	4	1:4000	1,3	7
H10RR	4	1:4000	1,4	6
H9RR	4	1:4000	1,4	6
H8RR	4	1:4000	1,3	6
D21E	1	1:4000	4,1	21
D20E	1	1:4000	3,5	18
D18E	1	1:4000	3,5	18
D16E	1	1:4000	2,7	13
D21A	1	1:4000	3,6	20
D21AL	2	1:4000	2,7	17
D35A	1	1:4000	3,4	20
D35AL	1	1:4000	2,6	17
D40A	1	1:4000	3,4	20
D40AL	1	1:4000	2,6	17
D45A	2	1:3000	3,5	19
D45AL	2	1:3000	2	12
D50A	2	1:3000	2,6	16
D50AL	2	1:3000	2	12
D55A	3	1:3000	2,7	16
D55AL	3	1:3000	1,7	13

D60A	3	1:3000	2,3	13
D60AL	3	1:3000	1,7	13
D65	3	1:3000	1,9	12
D70	3	1:3000	1,6	12
D75	3	1:3000	1,3	11
D80	3	1:3000	0,9	9
D85	3	1:3000	0,9	9
D90	3	1:3000	0,9	9
D95	3	1:3000	0,9	9
D17-20	2	1:4000	2,5	16
D16	2	1:4000	2,5	16
D14	4	1:4000	2,7	20
D13	4	1:4000	1,8	13
D12	4	1:4000	1,5	11
D10	4	1:4000	1,2	8
D12TR	4	1:4000	1,3	7
D10RR	4	1:4000	1,4	6
D9RR	4	1:4000	1,4	6
D8RR	4	1:4000	1,3	6
Open A	5	1:4000	4,2	16
Open B	5	1:4000	2,7	15
Open C	5	1:3000	1,3	7
Perhe				
RR	4	1:4000	1,3	6

#### Longdistance Tahko 8.7.2025

Classes	Start	Scale	Distance (km)	Noususumma (m)	Rasteja
H21E	1	1:10 000	9,7	420	24
H20E	1	1:10 000	6,8	280	15
H18E	1	1:10 000	6,8	280	15
H16E	1	1:10 000	5,3	170	13
H21A	1	1:10 000	8,1	380	19
H21AL	2	1:10 000	6,0	230	14
H35A	1	1:10 000	7,1	250	16
H35AL	1	1:10 000	4,8	230	11
H40A	1	1:10 000	7,1	250	16
H40AL	1	1:10 000	4,8	230	11
H45A	2	1:7500	6,1	280	14
H45AL	2	1:7500	4,1	210	8
H50A	2	1:7500	5,5	210	12
H50AL	2	1:7500	4,1	210	8
H55A	2	1:7500	5,3	210	11
H55AL	3	1:7500	3,7	145	9
H60A	2	1:7500	4,9	215	13
H60AL	3	1:7500	3,7	145	9
H65A	2	1:7500	4,6	215	11
H65AL	3	1:7500	3,2	50	8
H70A	3	1:7500	4,4	180	10
H70AL	3	1:7500	3,2	50	8
H75	3	1:7500	4,1	175	10

H80	3	1:7500	3,5	50	9
H85	3	1:7500	2,0	30	6
H90	3	1:7500	2,0	30	6
H95	3	1:7500	2,0	30	6
H17-20	1	1:10 000	4,5	165	11
H16	2	1:10 000	3,5	60	10
H14	4	1:10 000	3,0	30	10
H13	4	1:10 000	2,5	45	10
H12	4	1:10 000	2,3	30	9
H10	4	1:10 000	1,7	25	8
H12TR	4	1:10 000	1,8	30	6
H10RR	4	1:10 000	1,8/2,8	25	6
H9RR	4	1:10 000	1,8/2,8	25	6
H8RR	4	1:10 000	1,3/2,4	20	6
D21E	1	1:10 000	7,8	350	17
D20E	1	1:10 000	5,5	200	14
D18E	1	1:10 000	5,5	200	14
D16E	1	1:10 000	4,4	150	11
D21A	1	1:10 000	6,5	280	17
D21AL	2	1:10 000	4,8	210	11
D35A	1	1:10 000	5,5	215	13
D35AL	1	1:10 000	3,8	80	9
D40A	1	1:10 000	5,5	215	13
D40AL	1	1:10 000	3,8	80	9
D45A	2	1:7500	5,2	200	12
D45AL	2	1:7500	3,6	75	8
D50A	2	1:7500	5,0	190	12
D50AL	2	1:7500	3,6	75	8
D55A	3	1:7500	4,6	190	11
D55AL	3	1:7500	3,1	30	9
D60A	3	1:7500	4,4	200	10
D60AL	3	1:7500	3,1	30	9
D65	3	1:7500	4,1	160	9
D70	3	1:7500	3,8	85	11
D75	3	1:7500	3,5	50	9
D80	3	1:7500	2,0	30	6
D85	3	1:7500	2,0	30	6
D90	3	1:7500	2,0	30	6
D95	3	1:7500	2,0	30	6
D17-20	2	1:10 000	3,6	60	11
D16	2	1:10 000	3,6	60	11
D14	4	1:10 000	3,0	30	10
D13	4	1:10 000	2,5	45	10
D12	4	1:10 000	2,3	30	9
D10	4	1:10 000	1,7	25	8
D12TR	4	1:10 000	1,8	30	6
D10RR	4	1:10 000	1,8/2,8	25	6
D9RR	4	1:10 000	1,8/2,8	25	6
D8RR	4	1:10 000	1,3/2,4	20	6
Open	5	1:10 000	7,8	340	15

AP					
Open					
AK	5	1:10 000	5,7	180	16
Open					
AL	5	1:7500	4,3	155	9
Open					
BP	5	1:10 000	5,5	150	15
Open					
BK	5	1:10 000	4,4	80	11
Open					
BL	5	1:7500	3,4	30	10
Open					
CP	5	1:10 000	4,1	50	12
Open					
CL	5	1:7500	2,7	20	8
Perhe					
RR	4	1:10 000	1,3/2,4	20	6

#### Middledistance Tahko 9.7.2025

Classes	Start	Scale	Distance (km)	Noususumma (m)	Rasteja
H21E	1	1:10 000	5,2	210	19
H20E	1	1:10 000	4,0	170	17
H18E	1	1:10 000	4,0	170	17
H16E	1	1:10 000	3,4	110	14
H21A	1	1:10 000	4,3	140	17
H21AL	2	1:10 000	3,7	110	16
H35A	1	1:10 000	4,2	150	18
H35AL	1	1:10 000	3,3	90	13
H40A	1	1:10 000	4,2	150	18
H40AL	1	1:10 000	3,3	90	13
H45A	2	1:7500	3,9	130	16
H45AL	2	1:7500	3,1	80	14
H50A	2	1:7500	3,6	100	14
H50AL	2	1:7500	3,1	80	14
H55A	2	1:7500	3,4	90	14
H55AL	3	1:7500	2,8	70	11
H60A	2	1:7500	3,1	80	14
H60AL	3	1:7500	2,8	70	11
H65A	2	1:7500	3,0	60	12
H65AL	3	1:7500	2,1	60	9
H70A	3	1:7500	3,1	70	10
H70AL	3	1:7500	2,1	60	9
H75	3	1:7500	2,4	70	9
H80	3	1:7500	2,0	40	8
H85	3	1:7500	1,7	20	8
H90	3	1:7500	1,7	20	8
H95	3	1:7500	1,7	20	8
H17-20	1	1:10 000	3,0	70	12
H16	2	1:10 000	2,6	50	12

H14	4	1:10 000	2,2	70	10
H13	4	1:10 000	2,1	50	9
H12	4	1:10 000	2,0	60	8
H10	4	1:10 000	1,5	30	7
H12TR	4	1:10 000	2,4	60	8
H10RR	4	1:10 000	2,1 / 3,1	40	6
H9RR	4	1:10 000	2,1/3,1	40	6
H8RR	4	1:10 000	1,6/2,5	30	6
D21E	1	1:10 000	4,2	160	19
D20E	1	1:10 000	3,7	120	17
D18E	1	1:10 000	3,7	120	17
D16E	1	1:10 000	3,1	90	14
D21A	1	1:10 000	3,8	120	15
D21AL	2	1:10 000	3,4	100	16
D35A	1	1:10 000	3,4	70	15
D35AL	1	1:10 000	2,8	60	13
D40A	1	1:10 000	3,4	70	15
D40AL	1	1:10 000	2,8	60	13
D45A	2	1:7500	3,1	90	14
D45AL	2	1:7500	2,6	50	12
D50A	2	1:7500	2,9	50	13
D50AL	2	1:7500	2,6	50	12
D55A	3	1:7500	2,8	90	10
D55AL	3	1:7500	2,2	50	9
D60A	3	1:7500	2,4	90	11
D60AL	3	1:7500	2,2	50	9
D65	3	1:7500	2,4	70	8
D70	3	1:7500	2,2	70	8
D75	3	1:7500	2,0	40	8
D80	3	1:7500	1,7	20	8
D85	3	1:7500	1,7	20	8
D90	3	1:7500	1,7	20	8
D95	3	1:7500	1,7	20	8
D17-20	2	1:10 000	2,6	50	12
D16	2	1:10 000	2,6	50	12
D14	4	1:10 000	2,2	70	10
D13	4	1:10 000	2,1	50	9
D12	4	1:10 000	2,0	60	8
D10	4	1:10 000	1,5	30	7
D12TR	4	1:10 000	2,4	60	8
D10RR	4	1:10 000	2,1/3,1		6
D9RR	4	1:10 000	2,1/3,1		6
D8RR	4	1:10 000	1,6/2,5		6
Open					
AP	5	1:10 000	6,3	250	18
Open					
AK	5	1:10 000	5,1	170	15
Open					
AL	5	1:7500	3,7	130	14
Open	5	1:10 000	4,6	150	13

BP					
Open					
BK	5	1:10 000	3,9	120	11
Open					
BL	5	1:7500	2,9	90	11
Open					
CP	5	1:10 000	3,9	110	10
Open					
CL	5	1:7500	2,6	50	10
Perhe					
RR	4	1:10 000	1,6/2,5		6

#### Middledistance Neulaniemi 11.7.2025

Classes	Start	Scale	Distance (km)	Noususumma (m)	Controls
H21E	1	1:10 000	5,7	200	18
H20E	1	1:10 000	4,7	170	16
H18E	1	1:10 000	4,7	170	16
H16E	1	1:10 000	3,7	160	15
H21A	1	1:10 000	4,7	150	17
H21AL	2	1:10 000	3,8	120	13
H35A	1	1:10 000	4,7	170	15
H35AL	1	1:10 000	3,6	120	12
H40A	1	1:10 000	4,7	170	15
H40AL	1	1:10 000	3,6	120	12
H45A	2	1:7500	4,4	120	14
H45AL	2	1:7500	3,0	110	12
H50A	2	1:7500	3,9	130	15
H50AL	2	1:7500	3,0	110	12
H55A	2	1:7500	3,7	130	14
H55AL	3	1:7500	2,7	100	12
H60A	2	1:7500	3,5	130	12
H60AL	3	1:7500	2,7	100	12
H65A	2	1:7500	3,1	110	12
H65AL	3	1:7500	2,3	80	9
H70A	3	1:7500	2,9	100	12
H70AL	3	1:7500	2,3	80	9
H75	3	1:7500	2,6	80	9
H80	3	1:7500	2,1	60	9
H85	3	1:7500	1,8	60	9
H90	3	1:7500	1,8	60	9
H95	3	1:7500	1,8	60	9
H17-20	1	1:10 000	2,7	100	12
H16	2	1:10 000	2,6	90	12
H14	4	1:10 000	2,2	60	9
H13	4	1:10 000	1,9	60	9
H12	4	1:10 000	1,7	50	8
H12TR	4	1:10 000	1,5	30	7
H10	4	1:10 000	1,4	30	7
H10RR	4	1:10 000	1,5/2,6	50	7
H9RR	4	1:10 000	1,5/2,6	50	7

H8RR	4	1:10 000	1,2/1,8	30	7
D21E	1	1:10 000	4,8	180	16
D20E	1	1:10 000	3,9	160	15
D18E	1	1:10 000	3,9	160	15
D16E	1	1:10 000	3,1	120	11
D21A	1	1:10 000	3,9	130	14
D21AL	2	1:10 000	3,2	110	12
D35A	1	1:10 000	3,7	120	14
D35AL	1	1:10 000	2,9	100	12
D40A	1	1:10 000	3,7	120	14
D40AL	1	1:10 000	2,9	100	12
D45A	2	1:7500	3,5	110	14
D45AL	2	1:7500	2,5	70	10
D50A	2	1:7500	3,1	110	13
D50AL	2	1:7500	2,5	70	10
D55A	3	1:7500	2,8	90	11
D55AL	3	1:7500	2,2	60	10
D60A	3	1:7500	2,6	90	11
D60AL	3	1:7500	2,2	60	10
D65	3	1:7500	2,4	70	10
D70	3	1:7500	2,2	60	10
D75	3	1:7500	2,1	60	9
D80	3	1:7500	1,8	60	9
D85	3	1:7500	1,8	60	9
D90	3	1:7500	1,8	60	9
D95	3	1:7500	1,8	60	9
D17-20	2	1:10 000	2,6	90	12
D16	2	1:10 000	2,6	90	12
D14	4	1:10 000	2,2	60	9
D13	4	1:10 000	1,9	60	9
D12	4	1:10 000	1,7	50	8
D12TR	4	1:10 000	1,5	30	7
D10	4	1:10 000	1,4	30	7
D10RR	4	1:10 000	1,5/2,6	50	7
D9RR	4	1:10 000	1,5/2,6	50	7
D8RR	4	1:10 000	1,2/1,8	30	7
Open					
AP	5	1:10 000	6,8	170	20
Open					
AK	5	1:10 000	5,8	130	18
Open					
AL	5	1:7500	4,0	120	16
Open					
BP	5	1:10 000	5,5	140	17
Open					
BK	5	1:10 000	4,2	110	15
Open					
BL	5	1:7500	3,2	90	12
Open					
CP	5	1:10 000	4,2	130	14

Open					
CL	5	1:7500	2,9	80	10
Perhe					
RR	4	1:10 000	1,2/1,8	30	7

KeskiDistance Puijo 12.7.2025

Classes	Start	Scale	Distance (km)	Noususumma (m)	Controls
H21E	1	1:10 000	5,3	230	17
H20E	1	1:10 000	4,3	240	16
H18E	1	1:10 000	4,3	240	16
H16E	1	1:10 000	3,4	190	13
H21A	1	1:10 000	4,2	210	12
H21AL	2	1:10 000	3,7	230	13
H35A	1	1:10 000	4,1	210	13
H35AL	1	1:10 000	3,1	190	9
H40A	1	1:10 000	4,1	210	13
H40AL	1	1:10 000	3,1	190	9
H45A	2	1:7500	3,8	180	12
H45AL	2	1:7500	2,7	170	10
H50A	2	1:7500	3,4	180	12
H50AL	2	1:7500	2,7	170	10
H55A	2	1:7500	3,3	180	12
H55AL	3	1:7500	2,7	120	9
H60A	2	1:7500	3,0	160	12
H60AL	3	1:7500	2,7	120	9
H65A	2	1:7500	2,7	170	10
H65AL	3	1:7500	2,1	100	8
H70A	3	1:7500	2,5	90	10
H70AL	3	1:7500	2,1	100	8
H75	3	1:7500	2,2	70	9
H80	3	1:7500	1,7	40	8
H85	3	1:7500	1,7	40	7
H90	3	1:7500	1,7	40	7
H95	3	1:7500	1,7	40	7
H17-20	1	1:10 000	3,0	150	11
H16	2	1:10 000	2,2	150	11
H14	4	1:10 000	2,3	100	8
H13	4	1:10 000	2,0	90	9
H12	4	1:10 000	1,8	80	9
H10	4	1:10 000	1,6	70	7
H12TR	4	1:10 000	1,8	90	7
H10RR	4	1:10 000	1,8 / 3,1	90	6
H9RR	4	1:10 000	1,8 / 3,1	90	6
H8RR	4	1:10 000	1,5 / 2,5	80	6
D21E	1	1:10 000	4,4	220	17
D20E	1	1:10 000	3,6	200	14
D18E	1	1:10 000	3,6	200	14

D16E	1	1:10 000	2,7	150	10
D21A	1	1:10 000	3,8	200	14
D21AL	2	1:10 000	3,1	180	11
D35A	1	1:10 000	3,2	160	11
D35AL	1	1:10 000	2,5	130	9
D40A	1	1:10 000	3,2	160	11
D40AL	1	1:10 000	2,5	130	9
D45A	2	1:7500	3,2	180	13
D45AL	2	1:7500	2,3	140	10
D50A	2	1:7500	2,8	180	10
D50AL	2	1:7500	2,3	140	10
D55A	3	1:7500	2,5	70	10
D55AL	3	1:7500	2,0	70	7
D60A	3	1:7500	2,4	90	9
D60AL	3	1:7500	2,0	70	7
D65	3	1:7500	2,1	70	9
D70	3	1:7500	1,9	50	7
D75	3	1:7500	1,7	40	8
D80	3	1:7500	1,7	40	7
D85	3	1:7500	1,7	40	7
D90	3	1:7500	1,7	40	7
D95	3	1:7500	1,7	40	7
D17-20	2	1:10 000	2,2	150	11
D16	2	1:10 000	2,2	150	11
D14	4	1:10 000	2,3	100	8
D13	4	1:10 000	2,0	90	9
D12	4	1:10 000	1,8	80	9
D10	4	1:10 000	1,6	70	7
D12TR	4	1:10 000	1,8	90	7
D10RR	4	1:10 000	1,8 / 3,1	90	6
D9RR	4	1:10 000	1,8 / 3,1	90	6
D8RR	4	1:10 000	1,5 / 2,5	80	6
Open					
AP	5	1:10 000	6,3	330	19
Open					
AK	5	1:10 000	5,4	270	18
Open					
AL	5	1:7500	4,1	240	15
Open					
BP	5	1:10 000	5,1	240	15
Open					
BK	5	1:10 000	4,2	210	13
Open					
BL	5	1:7500	3,3	170	10
Open					
CP	5	1:10 000	4,0	200	13
Open					
CL	5	1:7500	2,4	150	10
Perhe	4	1:10 000	1,5 / 2,5	80	6

RR

## Distances to Starts

Distances to Start					
Start	7.7.2025	8.7.2025	9.7.2025	11.7.2025	12.7.2025
1	300m	1600m	940m	2350m	3000m
2	300m	1600m	900m	2200m	3000m
3	500m	1600m	450m	2100m	2600m
4	450m	750m	500m	1200m	2400m
5	400m	1600m	450m	1000m	2500m

## Route to Start

Competitors must follow the marked route to the start. The route is marked with blue-background WOC-logo signs and WOC tape. The signs indicate the start number. The marked route to each start begins from the event center's info board. The start number for each competition class remains the same in all stages.

## Start Times

- Start times for competitive classes H/D16E–21E will be allocated by draw.
- In all other classes (H/D8–95), competitors may choose their start times in advance for each stage.

Start time selection service:

- Opens: 26 June 2025 at 12:00
- Closes: 1 July 2025 at 23:59

Link to the online service will be available at: <https://fin5.woc2025.fi/en/starttimes-and-results/>

If a participant does not select a time by the deadline, a start time will be assigned from the remaining slots. After the selection service closes, start times cannot be changed.

First start times:

- Monday 7 July 2025 at 12:00
- Tuesday 8 July 2025 at 15:00
- Wednesday 9 July 2025 at 8:30
- Friday 11 July 2025 at 10:00
- Saturday 12 July 2025 at 8:30

Start lists will be published on the Fin5 2025 website. Paper copies of start times will also be posted at the event center and at the start locations.

Participants registered for recreational orienteering will be listed at: <https://fin5.woc2025.fi/ilmoittautuminen-kuntosuunnistus/>

## **Procedures at Competitive Starts (Starts 1, 2 and 3)**

- Emit backup tags are available before the start.
- Bib numbers are available near the Info desk in folders.

Start schedule:

- 5 min: Competitor is called to the start box. Bib number is checked.
- 4 min: Loose control descriptions can be picked up.
- 3 min: Emit card is cleared.
- 2 min: Sample map is visible (not in Sprint)
- 1 min: Competitor moves to the map corresponding to their class. The start clock signals the start. The map may be picked up only at the start signal. Competitors are responsible for taking the correct map (Rule 3.78). Maps are in containers marked with class codes (e.g., D35A).

Late arrivals must report to the start officials, who will verify their information and clear the Emit card. The official will direct them to the appropriate box or authorize their start.

## **Children's Starts (Start 4)**

String Orienteering (RR)

- Competitors may enter the start grid and view maps once their time is called
- H/D8RR starts from the right side of the start grid.
- H/D9RR and H/D10RR start from the left side.
- There are two different RR courses with different directions.

In the terrain:

- RR routes are marked with continuous plastic tape
- Maps show the RR trail as a translucent orange line
- Your class's trail is a solid line; the other class's initial trail is a dashed line

Controls are labeled RR1, RR2, etc. Missing a control does not result in disqualification a 10-minute penalty is added instead.

Tape colors:

- H/D8RR and Family-RR: White throughout
- H/D9RR and H/D10RR: Yellow at first, then White where paths merge

Assisted Orienteering (TR)

- Competitors may enter the start grid and view maps once their time is called
- TR courses follow both RR trails, marked in terrain with White and Yellow tape
- On maps, the trail is a continuous translucent orange line

Other Start 4 Classes

For H/D12, H/D13, and H/D14:

- Procedures are the same as in H/D12TR

- 5 min and 2 min maps show only the control point (K-point)
- Competitors may enter the start grid and view maps once their time is called
- Map is picked up 1 min before the start, except in sprint events where H/D14 classes take the map at the start signal

Start diagram below



**Lähtölinja**



K-piste on heti lähtölinjan jälkeen

<b>1 min</b>	Voi tutkia karttaa ja rataa	Voi tutkia karttaa ja rataa	Voi tutkia karttaa ja rataa	Saa ottaa kartan ja tutkia rataa (pl. sprintissä H/D14 saa kartan vasta lähtöhetkellä)	Ohjausasema
<b>2 min</b>	Saa kartan ja opastuksen	Saa ottaa kartan ja tutkia rataa	Saa kartan ja opastuksen	Mallikartta, missä K-piste	
<b>3 min</b>	Emit-kortin nollaus	Emit-kortin nollaus	Emit-kortin nollaus	Emit-kortin nollaus	
<b>4 min</b>	Lähtöajan ja Emit-numeron tarkistus				
<b>5 min</b>	Mallikartta, missä rata	Mallikartta, missä rata	Mallikartta, missä rata	Mallikartta, missä K-piste	
	<b>RR</b>	<b>TR</b>	<b>H/D10</b>	<b>H/D11, 12 13, 14</b>	

## Drink Stations

- Sprint: Water is only available at the event center.
- Long distance: Water is available at Startö, along the course, and at the finish.
- Middle distance: Water is available at Startö and at the finish.
- All drink stations located along the course are marked on the competition map. Some will be staffed, others unattended.

Note: Do not throw energy gel wrappers or other trash into the terrain. Dispose of waste in the bags provided by the organizers at the start and finish areas.

## Retired Competitors

All competitors and recreational orienteers who retire must return to the finish and report their withdrawal at the Emit check station.

### **Inov8 League / GPS Tracking**

The first stage (sprint) of Fin5 will host a round of the Inov8 League. GPS tracking devices from the Finnish Orienteering Federation will be used (about 10 devices per class). Tracking applies to classes H20E, H18E, H16E, D20E, D18E, and D16E. Devices are distributed based on Inov8 League standings. Use of the device is optional for youth competitors.

Tracked athletes will be announced at [fin5.woc2025.fi/inov8-liiga](http://fin5.woc2025.fi/inov8-liiga) before race day. GPS devices are provided at the start. Vests are available, but competitors may also wear their own.

All orienteers can upload their GPS watch data to **\*\*Livelox\*\***. Routes will be made public after the race. A link to Livelox can be found on the Fin5 results page.

### **Finish Area**

- Stages 1–3 (Nilsia & Tahko): Finish is located at the event center.
- Stages 4–5: Remote finish.
- All competitive classes finish at the same finish line.
- In sprint races, only part of the run-in is shown on the 1:3000 map. Runners follow marked tape from the last control to the finish.

Recreational orienteers (open classes) finish in a separate chute located next to the competitive finish. Family-RR competitors finish with the open classes.

Finish closes:

- 7.7.2025 (Nilsia) at 16:30
- 8.7.2025 (Tahko) at 20:00
- 9.7.2025 (Tahko) at 13:30
- 11.7.2025 (Neulaniemi) at 15:00
- 12.7.2025 (Puijo) at 14:00

See separate Open orienteering finish closing times.

### **Results**

Results and split times will be published on the Fin5 website: [fin5.woc2025.fi](http://fin5.woc2025.fi)

Winners of competitive classes are determined by the total time from stages 1–5.

### **Rule Violations and Protests**

Any report of a rule violation must be submitted in writing before the end of the technical finish of the competition. A protest can be submitted if the decision is unsatisfactory or in other rule-based cases. Protests must be filed:

- No later than 30 minutes after technical finish
- Within 15 minutes of receiving a response to a rule violation report

### **Awards and Prize Giving**

Total times determine the winners in competitive classes. Open classes (recreational orienteering) do not have cumulative results.

Prize ceremonies:

- 7 July 2025, 17:00–19:00: Stage 1 winners (Tahko Piazza)
- 11 July 2025, 17:00–18:00: WOC middle & long distance + Fin5 stages 2–4 winners (Tahko Piazza)
- 12 July 2025, 17:15–19:00: WOC relay + Fin5 overall winners (Puijo Arena)

Monetary Prizes:

- H/D21E Overall; 1st: €3000, 2nd: €1500, 3rd: €1000
- H/D16–20E Overall; 1st: €300, 2nd: €250, 3rd: €200

Other Classes: Top 3 in overall standings will receive material prizes. Stage winners from the first four stages will also be awarded.

In each open class, one prize will be raffled daily. Winners announced on Fin5 website. All H/D8–10RR and Family class participants will receive a participation gift.

### **Club Tents, Windshields, and Club Banners**

Kankainen Arena

- **No stakes into the field**
- Tents allowed with weights only

- Windshields allowed with weights only
- Club banners permitted **without stakes**
- Support banners may be attached to perimeter fences

#### Tahko Bay Arena

- Uneven ground makes tent setup difficult — tents are recommended to stay at accommodations
- Club banners allowed with ground anchoring
- Support banners allowed as per organizer instructions

#### Neulaniemi Arena

- **No stakes into the field**
- Tents not allowed
- Windshields not allowed
- Club banners allowed **without stakes**
- Support banners must not cover sponsor ads
- Banners with logos of WOC competitors must be placed outside TV frame

#### Puijo Arena

- **No stakes into the field**
- Tents not allowed
- Windshields not allowed
- Club banners allowed **without stakes**
- Support banners must not cover sponsor ads
- Banners with competing logos must be placed outside TV coverage

#### **Washing and Showers**

On July 7, 2025, a swimming beach is available at the Kankainen sports field. On July 8–9, 2025, the Tahkonlahti beach can be used in Tahko. There are no washing facilities at the Neulaniemi and Puijo arenas.

## **Info**

At the competition center, there's a Fin5 info desk that assists with:

- Emit card changes
- Emit card rentals
- Issuing new race numbers
- Lost and found
- Registration for recreational orienteering

Fin5 Info locations and opening hours:

- Tahko, Piazza – July 6, 2025, 14:00–18:00
- Nilsiä, Arena – July 7, 2025, 10:00–17:00
- Tahko, Piazza – July 8, 2025, 8:00–19:00
- Tahko, Piazza – July 9, 2025, 7:30–12:00
- Neulaniemi, Arena – 9:30–19:00
- Neulaniemi, Arena – July 11, 2025, 8:00–15:00
- Puijo, Arena – July 12, 2025, 6:30–19:00

## **First Aid**

A first aid team and a physician are available at the competition center. There is a first aid kit at the start areas. In the terrain, staffed drink stations serve as first aid points.

## **Food Services**

Meals and café services are available at or near the competition center.

## **Photography**

Event organizers have photographers at the arenas and in the terrain. They are authorized to photograph participants and publish the images on the organizer's website and social media channels.

## Recreational Orienteering, Open Classes

The recreational orienteering Start is at Start 5. The Family RR open class begins at Start 4, where participants are guided before the course. Fin5 Info is available for recreational orienteers. Daily course details (length, map scale, number of controls by class) can be found in the Start section. Control descriptions are printed only on maps.

Model maps for recreational courses are displayed on the info board during races 2–5. Due to sprint nature, sprint model maps are not posted. Choose a course that suits you best and feel free to ask the Info team if you are unsure.

Instructions for pre-registered recreational orienteers:

- Pick up your race number from the folder next to Fin5 Info (see locations and times under Info). Note: Early pickup possible on July 6 at Tahko Piazza.
- Arena tickets are provided if you're registered for 1–2 recreational races. If registered for 3–5, your race number grants access.
- If you've changed Emit cards, report the new number at Fin5 Info.
- Rent an Emit card (€6) if you don't have one—note: \*\*using an Emit card is mandatory for safety reasons\*\*!
- Make sure you have your gear: race number, compass, and Emit card.
- Go to the Start area (Start 5) via the pre-start and register there.
- Complete your course—and check in at the finish even if you don't complete it.

Instructions for on-site registration:

- Sign up at Fin5 Info, pay the map fee, and rent an Emit card if needed. (Mandatory for safety!)
- You'll get a race number and entry ticket to the arena. Arena entry is based on race count as above.
- Proceed via the pre-start to Start 5 and register there.
- Complete your course and report to the finish.

Bring your own safety pins to attach your race number if needed, they're available at the orienteering supply shop.

More info: [fin5.woc2025.fi](http://fin5.woc2025.fi)

## Recreational Orienteering: Start and Finish Times

Date	Location	Start Time	Finish Closes
July 7	Nilsjä	12:00–15:00	16:00
July 8	Tahko	15:00–18:00	20:00
July 9	Tahko	08:30–11:30	13:30
July 11	Neulaniemi	10:00–13:00	15:00
July 12	Puijo	08:30–11:30	13:30

Have a fantastic Orienteering Week at Fin5 – WOC Tour 2025!