

## PRELIMINARY COMPETITION RULES

Open Finnish Championships in Biathlon Orienteering in Tuusula Biathlon Arena between 20th to 22nd of May 2022

Sprint, Mass Start and Relay

### Event Center

Event Center locates at Biathlon Arena in Tuusula Sport Center, address Kilpailukuja, 04300 Tuusula.

### Guidance to Event Center

- Guidance to Event Center from main road #45 in center of Tuusula from intersection to Sport Center (Urheilukeskus). Driving distance from main road to Sport center is 1km.
- Parking at sports center area close to biathlon Arena (max 500m)
- Dressing rooms at ice halls close to Biathlon Arena.

### Program

- Friday 20.5. at 5pm, Sprint Event
- Saturday 21.5. at 10.30am, Mass Start Event
- Sunday 22.5. at 10am, Relay Event

### Rules

Event will comply with the rules of Suomen Sotilasurheiluliitto and International Biathlon Orienteering Federation conducted for Biathlon Orienteering valid from 1.1.2021 and following rules and orders set below.

### Event Organisation

- Event Director, Esa Tihilä, +358 40 480 7098
- Course Planner for Orienteering, Petri Tonteri
- Director for Shooting, Sprint Jukka Leikos, Mass Start and Relay, Tero Pyssysalo
- Supervisor, Mikko Hölsö

### Council of Judges

- X
- Y
- Z

### Event terrain

Terrain for Sprint orienteering locates in center of town of Tuusula. Orienteering for Mass Start and Relay are orienteered in terrains close by Sport Center.

The shooting takes place in Biathlon Arena in Tuusula Sports Center.

### Equipments

Clothing for orienteering is free (except running shoes with spikes are forbidden). All equipment's related to shooting needs to be carried with competitor thru out the event like gloves cap (excluding hearing protector). Shooting will be conducted by .22 LR caliber rifle. Maximum start speed of bullet is 380 m/s measured from one meter of pipe of the rifle. Checks for rifles can be applied during the event. More detailed information

related to rifles are available in Finnish by organizers. Rifles will be maintained in rifle racks during each competition event. No rifle slings are allowed.

### Competition bibs

All competitors use competition bibs for all events. They can be retrieved and returned from information point.

### Classes

Sprint						Mass Start					
Class	Duration of the race (min)	Number of shots	Penalty loop	Scale of the map	Size of the map	Class	Duration of the race (min)	Number of shots	Penalty loop	Scale of the map	Size of the map
H/D14	25	5+5	100m	1:4000	A4	H/D14	50	10+10	100m	1:7500	A4
H/D16	25	5+5	100m	1:4000	A4	H/D16	55	10+10	100m	1:7500	A4
H/D18	25	5+5	100m	1:4000	A4	H/D18	55	10+10	100m	1:7500	A4
H/D20	25	5+5	140m	1:4000	A4	H/D20	60	10+10	140m	1:7500	A4
H/D21	25	5+5	140m	1:4000	A4	H/D21	70	10+10	140m	1:10000	A4
H/D35	25	5+5	100m	1:4000	A4	H/D35	60	10+10	100m	1:7500	A4
H/D40	25	5+5	100m	1:4000	A4	H/D40	55	10+10	100m	1:7500	A4
H/D45	25	5+5	100m	1:4000	A4	H/D45	55	10+10	100m	1:7500	A4
H/D50	25	5+5	100m	1:4000	A4	H/D50	50	10+10	100m	1:7500	A4
H/D55	25	5+5	100m	1:4000	A4	H/D55	50	10+10	100m	1:7500	A4
H/D60	25	5+5	100m	1:4000	A4	H/D60	45	10+10	100m	1:7500	A4
H/D65	25	5+5	100m	1:4000	A4	H/D65	45	10+10	100m	1:7500	A4
H/D70	25	5+5	100m	1:4000	A4	H/D70	40	10+10	100m	1:7500	A4
H/D75	25	5+5	100m	1:4000	A4	H/D75	40	10+10	100m	1:7500	A4
H/D80	25	5+5	100m	1:4000	A4	H/D80	40	10+10	100m	1:7500	A4

Relay					
Class	Duration of the race / person	Number of shots	Penalty loop	Scale of the map	Size of the map
H/D14	30	5+5	100m	1:7500	A4
H/D18	40	5+5	100m	1:7500	A4
H/D21	40	5+5	140m	1:10000	A4
H/D70	40	5+5	100m	1:7500	A4
H/D95	40	5+5	100m	1:7500	A4
H/D120	30	5+5	100m	1:7500	A4

Relay Event is competition for pairs. Classes H/D70, H/D95 and H/D120 are based on total age of the team. Women are allowed to race in teams for men classes.

### Orienteering: Punching system, controls, maps and control descriptions

Emit punching system will be used in all events. Competitor is in charge of functionality of his/her punching card.

If competitor uses different punching card than informed when registered to the event competitor will be disqualified. Disqualification will not be applied for classes H/D14. Changes for non-functioning punching cards need to be done latest in one hour before in information point prior to each event. Punching cards can be rented from information point by €6. Lost rented punching cards will be charged €80.

Control slips for punching cards are available at start.

Model control at event center. Punching card test is available at event center (0 punch).

Map is updated in May 2022 and is covered. Control descriptions are printed on map.

## Adjustment shooting

Adjustment shooting available prior to every event. Timetable is following:

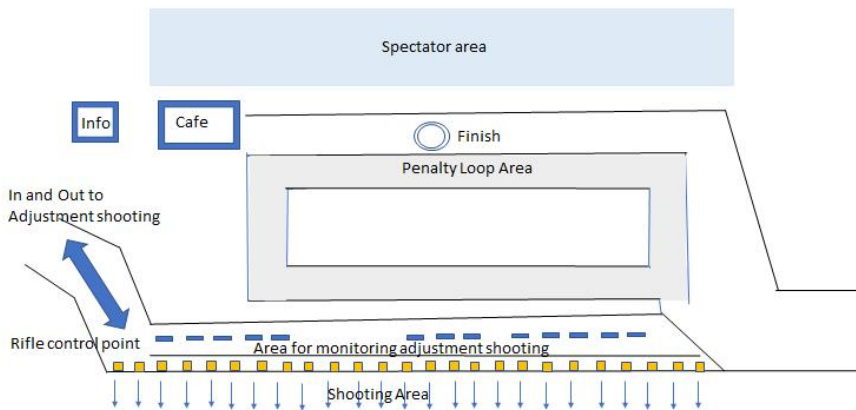
- Sprint, Friday 20.5. at 3.30pm - 4.30pm
- Mass Start, Saturday 21.5. at 9am – 10am
- Relay, Sunday 22.5. at 8.30am - 9.30am

All competitors move to adjustment shooting via rifle control point described below. Rifles will be left to rifle racks to the numbered position assigned for each competitor (bib number) for each competition event. Coaches are allowed to follow adjustment shooting in the front of rifle racks.

Rifles will be maintained in rifle racks assigned for each competitor during all competition events. No rifle slings are allowed. Rifles can be retrieved from rifle racks after the event from event officials. Event official will check the rifles before handing rifle back to competitor.

Competition center for adjustment shooting:

### COMPETITION CENTRE BIATHLON ORIENTEERING, ADJUSTMENT SHOOTING



## Results

- Resultscreen is available at competition center. Preliminary results are on <http://live.oriento.fi>. Final results are at resultscreen at competition center. Protest time 15min starts once final results are published.

## Medals and Awards

- Medals and awards are presented once each event is finished and results are confirmed.

## Wc and lock rooms

- wc and lock rooms are available at ice hall close to competition center.

## Cafe

- Coffee, beverages, snacks are available at cafe.

## First Aid

- At competition center

## Info

- At competition center

## Friday 20.5. Sprint

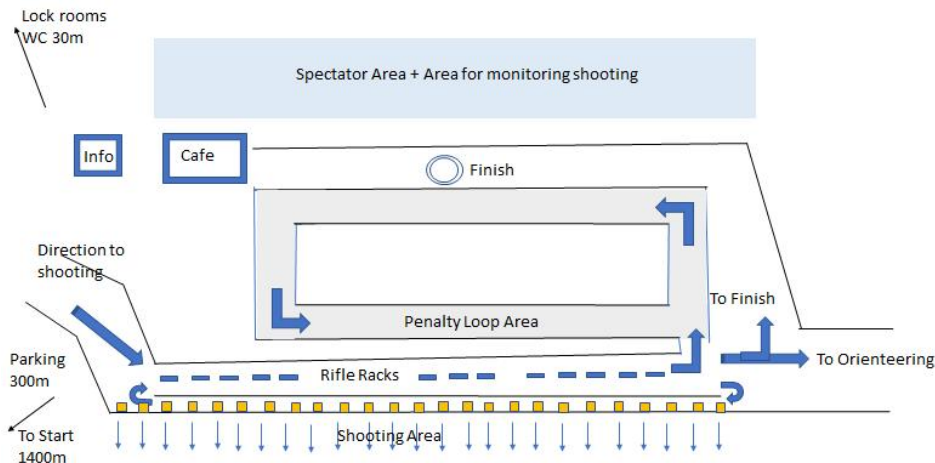
### Timetable

- Adjustment shooting at 3.30pm – 4.30pm.
- First start at 5pm, start list available at [www.tvv.fi](http://www.tvv.fi) and resultscreen.
- Distance to start from Competition Center 1400 m. Yellow marking.

### Event structure

- Start interval for orienteering one minute.
- Orienteering, stage 1
- Prone shooting five shots + possible penalty loops
  - Classes H/D 14 shooting rack allowed.
- Orienteering, stage 2
- Standing shooting 5 shots (H/D14-16 in prone position) + possible penalty loops
  - Classes H/D 14 shooting rack allowed.
- Run to Finish.

### COMPETITION CENTER BIATHLON ORIENTEERING, SPRINT 20.5.2022



### How to operate in Shooting Area

- Rifles are maintained in rifle racks assigned to each competitor during each competition event. No rifle slings are allowed.
- When competitor arrives to shooting area, he/she leaves orienteering map to position prior to rifle racks, takes rifle from rifle rack and runs to shooting area by holding rifle from its pipe. Event official shows shooting position and competitor executes shooting.
- Event officials / Coaches will provide shooting racks for competitors in classes H/D14.
- When shooting completed by competitor he/she runs back to rifle racks by holding rifle from its pipe, leaves rifle to rifle rack assigned to competitor and continues competition either to penalty loop(s), to orienteering or to finish.
- Maps for second orienteering are available at map racks at the edge of competition center area. Competitor is in charge for taking right map from the map rack.
- NOTE! Coaches can monitor shooting from area assigned to coaches in spectator area.

## Saturday 21.5. Individual Mass Start

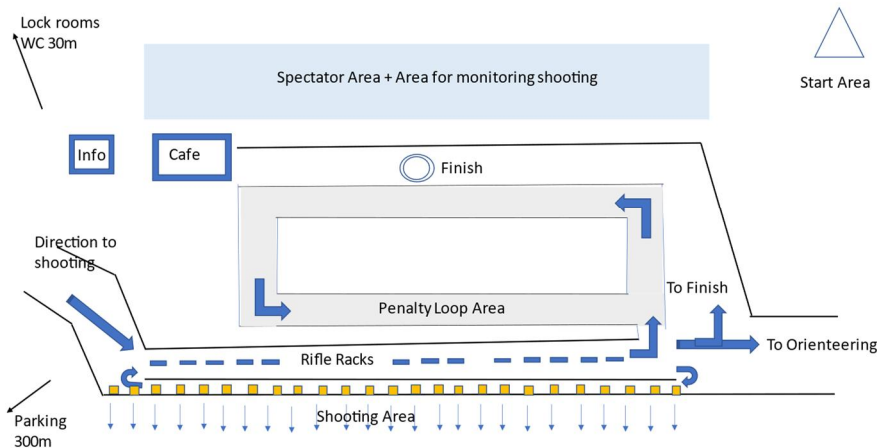
### Timetable

- Adjustment shooting at 9am – 10am.
- First start at 10.30am. Start list available at [www.tvv.fi](http://www.tvv.fi) and results screen.
- Start at Competition Center.

### Event structure

- Mass start by class.
- Orienteering, stage 1
- Prone shooting 10 shots + possible penalty loops
  - Classes H/D 14 shooting rack allowed.
- Orienteering, stage 2
- Standing shooting 10 shots (H/D14-16 in prone position) + possible penalty loops
  - Classes H/D 14 shooting rack allowed.
- Run to Finish.

### COMPETITION CENTER BIATHLON ORIENTEERING, MASS START 21.5.2022



### How to operate in Shooting Area

- Rifles are maintained in rifle racks assigned to each competitor during each competition event. No rifle slings are allowed..
- When competitor arrives to shooting area, he/she leaves orienteering map to position prior to rifle racks, takes rifle from rifle rack and runs to shooting area by holding rifle from its pipe. Event official will show shooting position.
- After five shots competitor calls "VAIHTO" / "CHANGE" to event official to organize shooting area ready for next five shots.
- Event officials / Coaches will provide shooting racks for competitors in classes H/D14.
- When shooting completed by competitor he/she runs back to rifle racks by holding rifle from its pipe, leaves rifle to rifle rack assigned to competitor and continues competition either to penalty loop(s), to orienteering or to finish.
- Maps for second orienteering are available at map racks at the edge of competition center area. Competitor is in charge for taking right map from the map rack.
- NOTE! Coaches can monitor shooting from area assigned to coaches in spectator area.

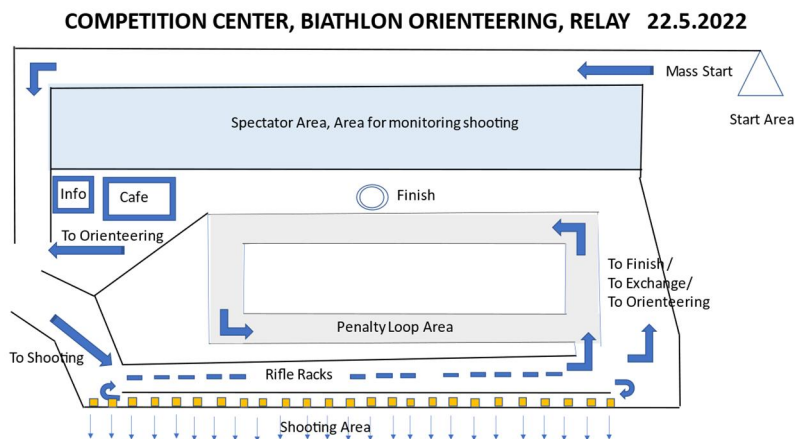
## Sunday 22.5. Relay

### Timetable

- Adjustment shooting at 8.30am – 9.30am.
- First start at 10am. Start list available at [www.tvv.fi](http://www.tvv.fi) and resultscreen.

### Event structure

- Pair event, two stages per competitor in each team
- Run to Shooting Area
- Prone Shooting 5 shots (3 spare shots) + possible penalty loops
  - Classes H/D 14 shooting rack allowed.
- Orienteering, stage 1
- Standing shooting 5 shots (3 spare shots) + possible penalty loops
  - H/D14-16 in prone position
  - Classes H/D 14 shooting rack allowed.
- Orienteering, stage 2
- Run to Exchange / Finish.



### How to operate in Shooting Area

- Rifles are maintained in rifle racks assigned to each competitor during each competition event. No rifle slings are allowed.
- Competitors start with prone shooting.
- When competitor arrives to shooting area, (he/she leaves orienteering map to position prior to rifle racks), takes rifle from rifle rack and runs to shooting area by holding rifle from its pipe. Event official shows shooting position and execute shooting.
- Event officials / Coaches will provide shooting racks for competitors in classes H/D14.
- When shooting completed by competitor he/she runs back to rifle racks by holding rifle from its pipe, leaves rifle to rifle rack assigned to competitor and continues competition either to penalty loop(s), or to orienteering, to exchange or to finish..
- Maps for orienteering are available at map racks at the edge of competition center area. Competitor is in charge for taking right map from the map rack.
- NOTE! Coaches can monitor shooting from area assigned to coaches in spectator area.