



**Season 2013-14**  
**Opening Round**  
**Ylläs – Kolari**

# Bulletin 4

## The IOF Ski Orienteering World Cup in Ylläs, Kolari

**December 2<sup>nd</sup> to 8<sup>th</sup> 2013**

Traditional Finnish Ski Orienteering Season Opening the Ensilumenrastit with classes H/D 10-80 will be arranged together with World Cup Opening as scheduled in program. See more [www.ensilumenrastit.fi](http://www.ensilumenrastit.fi)



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## Organizers

The organiser is Lapin Suunnistus ry (the Orienteering Association of Lapland) together with local orienteering clubs Ylläksen Rasti, Länsi-Rajan Rasti and Suunta 2000.

Event Director	Veli-Markku Korteniemi
Contact person	Tero Taulavuori
Course Setter in Kellokas	Jorma Pietiläinen
Course Setter in Iso-Ylläs	Velu Sipola
Head of the start	Risto Jaako
Head of the finish	Tero Taulavuori
Chief Finish Judge	Lauri Mustonen/Matti Hyvärinen
Head of the office	Marja Matila
Media	Heikki Roimela

## Controllers

IOF Senior Event Adviser	Tommy Jauhojärvi (NOR)
National Controller	Ossi Lakkala
Course Controller	Unto Kanerva

## Event Office

Address (from 2 <sup>nd</sup> to 8 <sup>th</sup> December)	Tunturintie 54, 95970 Äkäslompolo, Finland
Email	info(at)ensilumenrastit.fi
Phone	+358 40 778 1122

Homepage <http://ensilumenrastit.fi/en>

## Venue

The Event Centre is situated in Äkäslompolo village at Kellokas Visitor Centre. The address is Tunturintie 54, 95970 Äkäslompolo, Finland.

Competition centres Kellokas and Iso-Ylläs are between Äkäslompolo and Ylläsjärvi villages.



## Program

**Monday, December 2<sup>nd</sup>**  
Competition Office is opened

**Tuesday, December 3<sup>rd</sup>**  
Model event

**Wednesday, December 4<sup>th</sup>**  
World Cup Middle Distance, Mass start

**Thursday, December 5<sup>th</sup>**  
World Cup Mixed Sprint Relay  
Ensilumen Sprint Relay

**Friday December 6<sup>th</sup>**  
World Cup Long Distance, Mass start

**Saturday, December 7<sup>th</sup>**  
World Cup Rest day  
Ensilumen Long Distance

**Sunday, December 8<sup>th</sup>**  
World Cup Sprint Distance  
Ensilumen Sprint Distance

## Event Office opening hours and place

Monday, December 2 <sup>nd</sup>	15.00 – 19.00	Kellokas Visitor Centre
Tuesday, December 3 <sup>rd</sup>	08.30 – 19.00	Kellokas Visitor Centre
Wednesday, December 4 <sup>th</sup>	08.30 – 19.00	Kellokas Visitor Centre
Thursday, December 5 <sup>th</sup>	08.30 – 19.00	Kellokas Visitor Centre
Friday December 6 <sup>th</sup>	09.00 – 15.00	Iso-Ylläs competition centre
	16.00 – 18.00	Kellokas Visitor Centre
Saturday, December 7 <sup>th</sup>	09.00 – 15.00	Iso-Ylläs competition centre
	16.00 – 19.00	Kellokas Visitor Centre
Sunday, December 8 <sup>th</sup>	09.00 – 15.00	Iso-Ylläs competition centre

## Fairness

To ensure the fairness of the competitions:

- Team officials and non-competing athletes are not allowed to enter the competition terrain areas
- Telecommunication equipment, including portable phones, may not be used in coaching areas and start areas except by the organizers
- Team members may not take any maps of the competition terrain to the pre-start areas and start areas
- Using radio sets is prohibited in the pre-start areas and start areas
- Coaching (handover of any information, equipment, material, drinks ...) is only allowed in indicated coaching zones. Only team officials may arrive to the coaching zones

The above rules will be enforced by the organizer. A competitor who breaks any rule, or who benefits from the breaking of any rule, shall be disqualified. Officials who break any rule are liable to disciplinary actions.

## Jury

Members of the Jury are

Alexander Bliznevsky (RUS)  
Håkan Holmberg (SWE)  
Mika Ilomäki (FIN)

## Embargoed areas

The competition areas are shown in the map the Embargoed areas. Areas are embargoed until 9<sup>th</sup> December 2013 for competitors and team officials'. The area is closed for all orienteering activity.

Outside the embargoed area there are a lot of permanent ski tracks for skiing. Information on Ski tracks: <http://www.yllas.fi/en/>

## Detailed schedule for the World Cup and Ensilumenrastit

### Monday 2 December:

15.00 – 19.00 Competition office open in Kellokas

### Tuesday 3 December: Model Event

08.30 – 19.00 Competition office open in Kellokas  
10.00 – 13.00 Model Event  
15.00 Deadline for entry for the Middle distance.  
17.30 Opening and subsequent Team officials' meeting for the Middle distance  
approx.18.00 Team officials' meeting for the Middle distance.

### Wednesday 4 December: World Cup Middle distance

08.30 – 19.00 Competition office open in Kellokas  
10.30 Middle distance men, mass start  
12.00 Middle distance women, mass start  
13.15 Prize giving ceremony  
15.00 Deadline for entry for mixed sprint relay  
18.00 Team officials' meeting for the Mixed sprint relay

### Thursday 5 December: World Cup Mixed sprint relay

08.30 – 19.00 Competition office open in Kellokas  
10.00 Mixed sprint relay  
11.30 Ensilumenrastit sprint relay  
12.00 Prize giving ceremony World Cup  
13.30 Ensilumenrastit prize giving ceremony  
15.00 Deadline for entry for the Long distance.  
18.00 Team officials' meeting for the Long distance.

### Friday 6 December: World Cup Long distance

09.00 – 15.00 Competition office open in Iso-Ylläs competition centre  
10.00 Long distance women, mass start  
10.15 Long distance men, mass start

12.30 Prize giving ceremony

**Saturday 7 December: World Cup Rest day and Ensilumenrastit Long distance**

09.00 – 15.00 Competition office open in Iso-Ylläs competition centre  
10.00 Ensilumenrastit long distance  
15.00 Deadline for entry for the Sprint.  
18.00 Team officials' meeting for the Sprint.

**Sunday 8 December:**

09.00 – 15.00 Competition office open in Iso-Ylläs competition centre  
  
10.00 Women and men sprint  
11.30 Ensilumenrastit sprint  
12.30 Prize giving ceremony for World Cup Sprint  
14.00 Prize giving ceremony for Ensilumenrastit

## Rules, Classes and Entry Regulation

World Cup Opening Round 2013-2014 in Ylläs will be organized in accordance with the Competition Rules for IOF Ski-Orienteering Events, valid from 1<sup>st</sup> December 2013. IOF Ski-Orienteering World Cup 2013-2014 Special Rules and Start Allocation Method for World Cup will also be followed.

There is one class for men and women in individual distances. Mixed Sprint Relay is for mixed teams with one man and one woman. For further details on classes and regulations please refer to the Competition Rules on the IOF Web: [www.orienteering.org](http://www.orienteering.org)

Each Federation may enter up to 6 women and 6 men in each individual competition. Finland as organizing federation may enter two additional competitors in each individual competition. Finland as organizing federation may enter up to 10 additional competitors (National Group) for the competition, but these must start prior to the official World Cup competitors (in individual starts) and they cannot be awarded World Cup points or prizes. In mass start events the National Group starts behind the rest of the competitors.

Each Federation may enter up to 6 teams in mixed sprint relay. Finland as organizing federation may enter up to 5 additional national teams.

The deadline of the entry for each competition is at 3 PM the day before the event in question. For the Sprint the Teams should inform the competitors divided into 4 start groups, where red group is limited for the 20 best in WRE ranking.

## Anti-doping

Doping is strictly forbidden and the organizers of the IOF Ski Orienteering World Cup Opening Round are dedicated to support the anti-doping authorities in their work.

The rules as indicated in the IOF Anti-doping Rules, valid from February 1st, 2010 apply. WADA prohibited 2013 list is available in the Event Office.

## Summary of entries

Federation	Women	Men	Officials	Total	Mixed Sprint Relay teams
Belarus	0	2	0	2	
Bulgaria	0	1	1	2	
Czech Republic	1	0	0	1	
Estonia	2	3	1	6	2
Finland	8 + 9	8 + 9	5	39	6 + 5
Germany	0	2	0	2	
Hungary	1	0	0	1	
Italy	2	2	1	5	2
Kazakhstan	0	1	1	2	
Latvia	1	3	0	4	1
Lithuania	1	0	0	1	
Norway	2	5	2	9	2
Romania	0	1	0	1	
Russia	6	6	1	13	6
Sweden	5	6	4	15	4
Switzerland	2	4	1	7	2
<b>Total</b>	<b>40</b>	<b>53</b>	<b>17</b>	<b>110</b>	<b>30</b>

## Competition program, competition areas and finish arenas

Competition	Date	Area	Finish arena
Model event	Tuesday, December 3 <sup>rd</sup>	Kellokas	
Middle distance	Wednesday, December 4 <sup>th</sup>	Kellokas	Kellokas
Mixed Sprint relay	Thursday, December 5 <sup>th</sup>	Kellokas	Kellokas
Long distance	Friday December 6 <sup>th</sup>	Iso-Ylläs	Iso-Ylläs Arena
Sprint	Sunday, December 8 <sup>th</sup>	Iso-Ylläs	Iso-Ylläs Arena

The Kellokas area is the North-West area and the Iso-Ylläs area is the South-East area on the map of embargoed areas.

### Media

Media Centre will be located inside the Event Centre during opening hours of the Event Office. Press conferences will be held after prize-giving ceremony in Competition centres. Some selected athletes and head coaches will be called for interview during the day of the Model Event as well.

### Food services

There are no food services arranged by the Organizer.

There are many restaurants with meals of different price categories in the Ylläs Resort area. See printed Program Book and <http://ensilumenrastit.fi/en/restaurants-2/>

Café Soikka in Kellokas is open from 9 AM to 5 PM during all days.

### Transports

There are no local transports arranged by the organizer. Teams without their own car or a rental car can get local transports from the accommodation villages. The Event Office will offer help in arrangements but teams has to pay the cost of the transport.

### Terrain, climate and daylight

The terrain is situated on the slope areas of Ylläs fell. The terrain is gentle fell terrain. Area consists of pine and spruce forests and open areas. There are also open and tree covered marsh areas. Altitude of the competition terrain is 200-450 m. There are permanent skiing tracks in the competition area.

The climate is normal winter weather. Temperature is normally between -5 to -20°C.  
Daylight at Ylläs region is between 9 AM to 2 PM.

### Weather Forecasts

Weather forecasts will be available in the Event Office. Forecasts for next competitions day will be updated at 12.00 and 17.00.

Local weather forecasts are also available at:

<http://ilmatieteenlaitos.fi/saa/kolari>

<http://ilmatieteenlaitos.fi/saa/kolari/%C3%A4k%C3%A4slompolo>

<http://ilmatieteenlaitos.fi/saa/kolari/yll%C3%A4sj%C3%A4rvi>

### Punching system and GPS tracking

Emit Touch-Free punching system will be used. All World Cup runners will be equipped with emiTags from the organizer. Private emiTags will not be allowed. Detailed instructions on the use of emiTags are attached in this bulletin. Instructions are also available at the competition centre.

GPS devices will be installed for the beforehand named athletes on the backside of their map racks. The installation is done 15 minutes before the start on mass starts and 3 minutes before on the interval starts. The athletes named for the GPS surveillance will be announced on the team officials meeting day before the start. Athlete who doesn't wear GPS device may be disqualified based on the competition rule 21.6.

### Ski waxing

Ski waxing facilities reside at the accommodation villages. For this reason there are no ski waxing facilities at the competition centres. There are no AC-power sockets available at the competition centres as well.

### Model Event and training possibilities

The Model Event is arranged between 10 AM -1 PM on Tuesday, December 3<sup>rd</sup>.

Start point for the Model Event is located 950 meters from the Event Centre (Kellokas Visitor Centre). See competition arena map for the exact location of the Model Event start.

There are three maps with scales 1:5 000, 1:10 000 and 1:15000 printed on A4 size paper.

Tracks and controls in terrain and the printing of the maps are as in the competition. Control points are built as in the competition terrain.

There are two starting area models in the Model Event area. One of the model demonstrates the mass event start areas (Mixed sprint relay, Middle and Long distances), whereas the other models the start area for the Sprint. There are 3 control points with emiTag punching equipment in the Model Event area.

It is possible to train on the permanent skiing tracks outside the embargoed areas.

The Kellokas area is allowed to use for training since December 6<sup>th</sup>.

## Instructions for ceremonies

### Opening

There will be a short opening with speeches in the auditorium of Kellokas Visitor Centre on Tuesday, 3<sup>rd</sup> December at 5.30 PM. The first Team Officials meeting will take place immediately after the Opening.

### Prize-giving Ceremonies

Prize-giving ceremonies will be arranged in competition centres immediately when competitions have ended according to the schedule.

## General instructions for the competitions

### Entries

Entries shall reach the Event Office in Luontokeskus Kellokas as follows:

Competitors for the Middle distance	Tuesday, 3 <sup>rd</sup> December, before 3.00 PM
Teams for the Mixed Sprint relay	Wednesday, 4 <sup>th</sup> December, before 3.00 PM
Competitors for the Long distance	Thursday, 5 <sup>th</sup> December, before 3.00 PM
Competitors for the Sprint	Saturday, 7 <sup>th</sup> December, before 3.00 PM

### Start Draws

There is no start draw for the Middle and Long distances (mass start is used) because starting order is the order in the WRE ranking. The competitor with the best ranking will get the start number one.

Start draw for the Sprint will be done according to the rules under the supervision of the IOF Event Advisor. There will be no public draw.

### Team Officials' Meetings

For the Middle distance	Tuesday, 3 <sup>rd</sup> December in Kellokas auditorium at 6.00 PM
For the Mixed Sprint relay	Wednesday, 4 <sup>th</sup> December in Kellokas auditorium at 6.00 PM
For the Long distance	Thursday, 5 <sup>th</sup> December in Kellokas auditorium at 6.00 PM
For the Long distance	Saturday, 6 <sup>th</sup> December in Kellokas auditorium at 6.00 PM

Team officials' meetings will be organized according to the schedule above. Place is auditorium in the Kellokas Event Centre, Tunturintie 54, Äkäslompolo.

Competition material will be submitted in the beginning of meeting.

### Number Bibs

Each competitor is given two number bibs for each race. The bibs will be fastened to both legs. The number bibs will be fastened to legs such that they can be seen in angle 45° (front-side). The number bibs shall not be folded or cut.

### Punching and Time-keeping System

The punching system used will be emiTag. It will be used for official time-keeping and for split time presentation. Split times recorded by emiTag will be published as unofficial split times.

In Middle distance, in Long Distance and in Mixed Sprint Relay starting method is mass start. In Sprint individual start is used with one minute start interval according to the starting order from start draw.

Final results are published according to competition rules.

There is a finish judge in mass start events Middle distance, Long Distance and Mixed Sprint Relay. In these events the photo-finish camera is also used.

The competitors will use the same emiTag timing chip whole week. The competitor himself is responsible for his card during all competitions. After the last competition the teams have to bring the emiTag chips to the Event Office. For unreturned emiTag chip the team will be charged 100 €.



## Pre-Start

There will not be a pre-start in any of the events.

## Camera Controls

Camera controls start procedures at all mass start events (Middle distance, Long Distance and Mixed Sprint Relay).

## Refreshment Points

There are refreshment points in Long Distance. See Special Instructions for each Competition for details of the refreshment points. In refreshment points there are water and sports drink.

## Courses and control points

The courses are described detailed in the section: Special Instructions for each Competition. The control points are marked with control flag, number code and punching equipment. Controls are set over the track and are through-skiable.

## Map Specification and Tracks

Maps are drawn according to the International Specification for Orienteering Maps and for the International Specification for Ski-Orienteering Maps.

## Coaching Zone

See the arena map for coaching zone for each distance. Detailed information will be given in Team Leaders Meetings.

## Showers

There are no showers in competition arenas. Please use showers in your accommodation. After the Sprint it is possible to use showers in the competition centre.

## Toilets

There are toilets situated in the Competition Centre.

## Medical services

In competition center there is a first-aid group. Additionally, there are medical services available in the village of Äkäslompolo.

## Clothes

In Middle distance there are plastic bags for competitor's clothes in mass start area. Bags will be transported to the finish area. There are plastic bags for clothes in other races as well.

## Returning of competition maps

The maps are returned to Team officials as follows

Middle distance	after competition in Event Office (Map without the area for sprint relay) after Mixed Sprint relay competition in Event Office (Complete map of the event)
Mixed Sprint relay	after competition in Event Office
Long distance	after Sprint on Sunday at 1.00 PM
Sprint	after competition on Sunday at 1.00 PM

The competition maps will be given to team officials in bag with all maps.

## Complaints and Protests

Any complaint in writing shall be handed over to the organizer at the Event Centre or at the competition arena as soon as possible. The complaint is adjudicated by the organizer and the complainant is informed about the decision immediately.

Complaints regarding the results shall be made no later than 15 minutes after publishing the official result list. A written protest can be made against the organizers decision about a complaint. Protest shall be made no later than one hour the organizer has announced

## Special Instructions for each Competition

### Middle Distance on Wednesday, 3<sup>rd</sup> December

#### Competition Center

Luontokeskus Kellokas, Tunturintie 54, 95970 Äkäslompolo

## Courses and Map Details

Course details	Men	Women
Length straight line	10.1 km	7.8 km
Length shortest sensible route choice	13.2 km	10.1 km
Total climb (shortest sensible route choice)	100 m	90 m
Number of controls	23	15
Winning time	38 min	38 min
Max. time	80 min	80 min

Map scale 1:10000  
 Contour interval 5 m  
 Map size A4 (21 x 29 cm)

## Terrain in Middle Distance

The terrain is gentle fell terrain partly with detailed one curve contours. The tree stand is sparse pine forest. There are permanent skiing tracks in the competition area. The height difference between the lowest and the highest track in the terrain is 90 meters. The area is 280-380 meters above the sea level.

## Tracks

In total there are 33 km tracks of which:

Very wide track 5-8 m (wide continuous line)  19 %  
 Track 1.0-1.5 m (dashed line)  81 %

## Start

The start is located 900 m from the Kellokas competition center. The start resides at the same area as the Model Event. The location of the start is informed in the competition arena map. It is possible to follow signposts to start. Alternately, the competitors may be transported to starting area using their Team's cars. There are parking lots available at the starting area. The model event track can be used for warm up.

The competition is mass start with butterfly loops.

The competitors are called to the starting area 4 minutes prior to starting time. Clearing of the emiTag is done subsequently at the clearing point. Maps are delivered to the left hand of the competitor, such that this hand is behind the back, 45-60 seconds prior to start time. According to organizer instructions, the maps can be placed to map holder 15 seconds before the start (command is MAPS!). The start signal is indicated by the organizer using the loudspeaker (Command is GO!). After the start the competitors must use their own tracks until the non-skating area ends. Skating area starts 100 meters after the starting line. Competitors must use the marked track from starting line to Start-point (location of the start triangle).

## Mixed Sprint Relay on Thursday, 4<sup>th</sup> December

### Competition Center

Luontokeskus Kellokas, Tunturintie 54, 95970 Äkäslompolo

## Courses and Map Details

Course details	Legs/Women	Legs/Men
Length straight line	1.7 - 1.8 km	2.3 - 2.4 km
Length shortest sensible route choice	2.2 - 2.3 km	3.0 - 3.1 km
Total climb (shortest sensible route choice)	25 m	25 m
Number of controls per leg	7	8-9
Leg time	7 min	7 min
Winning time (Time from start to men's 3 <sup>rd</sup> leg finish)		45 min
Max. time		80 min

Map scale 1:5000  
 Contour interval 5 m  
 Map size A4 (21 x 29 cm)

## Terrain in Mixed Sprint Relay

The terrain is gentle fell terrain. Area consists of forest and marsh areas. The tree stand is sparse pine forest. Marsh areas are open or covered by forest. There are permanent skiing tracks in the competition area. The biggest height difference between the lowest and the highest track in the terrain is 90 meters. The area is 280-380 meters above the sea level.

## Tracks

In total there are 10.2 km tracks of which:

Very wide track 5-8 m (wide continuous line)

Track 1.0-1.5 m (dashed line)



## Teams

In the mixed sprint relay, each team consists of one woman and one man. Both competitors have 3 legs in their turns. The first leg competitor is always a woman.

## Start and Change-Over

At the first leg start the competitors are called to the starting area 4 minutes prior to starting time. Clearing of the emiTag is done subsequently at the clearing point. Maps are delivered to the left hand of the competitor, such that this hand is behind the back, 45-60 seconds prior to start time. According to organizer instructions, the maps can be placed on a map holder 15 seconds before the start (command is MAPS!). The start signal is indicated by the organizer using the loudspeaker (Command is GO!). After the start the competitors must use their own tracks until the non-skating area ends. Skating area starts 100 meters after the starting line. Competitors must use the marked track from starting line to Start-point (location of the start triangle).

Change-over occurs at the area marked on the terrain according to the competition arena map. In the change-over there must be a clear contact between the runners. After the change-over the next runner picks the map with the team's number and respective leg number. At the changeover the runners have to leave their map to officials after they change over to the next runner.

## Long distance on Friday, 6<sup>th</sup> December

### Competition Center

Hiihtokeskus Iso-Ylläs (Sport Resort Ylläs), Iso-Ylläksentie 44, 95980 Ylläsjärvi

### Courses and Map Details

Course details	Men	Women
Length straight line	17.4 km	13.5 km
Length shortest sensible route choice	24.0 km	18.7 km
Total climb (shortest sensible route choice)	530 m	310 m
Number of controls	31	23
Winning time	90 min	75 min
Max. time	180 min	180 min
Equipment and coaching from start	10.8 km and 21.1 km	8.8 km
Refreshment from start	10.8 km and 21.1 km	8.8 km

Map scale 1:15000  
Contour interval 5 m  
Map size A4 (21 x 29 cm)

## Terrain in Long Distance

The terrain is mainly lower hillside of the fell and marsh areas. Terrain at the foot of the fell is flat or moderately hilly. The forest in upper parts of the fell is sparse. The lower part of the terrain is covered by sparse pine and dense spruce forests. Marsh areas are generally open or covered by sparse forest. The ground on marsh areas is flat. There are permanent skiing tracks in the competition area. The biggest height difference between the lowest and the highest track in terrain is 200 m. The area is 200-400 meters above the sea level.

## Tracks

In total there are 58 km tracks of which:

Very wide track 5-8 m (wide continuous line)

Wide track 2.5 m (continuous line)

Track 1.0-1.5 m (dashed line)



There are also 200 m track with width less than 1m (dotted line).

## Start

The start is at the competition center. See competition arena map for exact location. The available warm-up track is indicated in the competition arena map.

The competition is mass start with gaffling.

The competitors are called to the starting area 4 minutes prior to starting time. Clearing of the emiTag is done subsequently at the clearing point. Maps are delivered to the left hand of the competitor, such that this hand is behind the back, 45-60 seconds prior to start time. According to organizer instructions, the maps can be placed to map holder 15 seconds before the start (command is MAPS!). The start signal is indicated by the organizer using the loudspeaker (Command is GO!). After the start the competitors must use their own tracks until the non-skating area ends. Skating area starts 100 meters after the starting line. Competitors must use the marked track from starting line to Start-point (location of the start triangle).

## Map Change-over, Coaching Area and Refreshments

The map change occurs in the competition center. Competitor has to give old map to officials before taking a new map. There are also refreshments (water and sports drink) and coaching area at the map change-over area.

The coaching area is marked into terrain. It resides on both sides of the ski track. While the skiers are passing the coaching area the coaching and service persons are not allowed to cross the ski track.

## Sprint Distance on Sunday, 8<sup>th</sup> December

### Competition Center

Hiihtokeskus Iso-Ylläs (Sport Resort Ylläs), Iso-Ylläksentie 44, 95980 Ylläsjärvi

### Courses and Map Details

Course details	Men	Women
Length straight line	3.1 km	2.5 km
Length shortest sensible route choice	4.0 km	3.3 km
Total climb (shortest sensible route choice)	115 m	75 m
Number of controls	9	9
Winning time	12 min	12 min
Max. time	40 min	40 min

Map scale 1:5000  
 Contour interval 5 m  
 Map size A4 (21 x 29 cm)

### Terrain

The terrain is mainly lower hillside of the fell. The forest on the hillside is sparse. Terrain at the foot of the hillside is covered by sparse pine forest. There are permanent skiing tracks in the competition area. The biggest height difference between the lowest and the highest track in terrain is 100 m. The area is 240-360 meters above the sea level.

### Tracks

In total there are 20 km tracks of which:

Very wide track 5-8 m (wide continuous line)		22 %
Wide track 2.5 m (continuous line)		4 %
Track 1.0-1.5 m (dashed line)		74 %

### Start

The individual start is used with one minute start interval according to the starting order from the start draw.

The start is situated 300 m from the competition center. Follow the tape marking to starting area. Starting procedure in the starting grid is

- Number bibs are checked 4 minutes before the start
- Clearing of the emiTag is done 3 minutes prior to starting
- The map of competition area can be seen 2 minutes before the starting time
- The competitor may proceed to starting line 1 minute before start.
- The competitor is allowed to place the map into map holder 15 s prior to start.

The competitor must ensure that she/he gets the right map. The marked track from starting line to Start-point (location of the start triangle) must be followed strictly.

## **Maps as appendix**

Embargoed area (showing also Kellokas competition area and Iso-Ylläs competition area)

Start and Finish areas of the Middle distance

Start, Change-over and Finish area of the Mixed Sprint relay

Competition centre of Iso-Ylläs

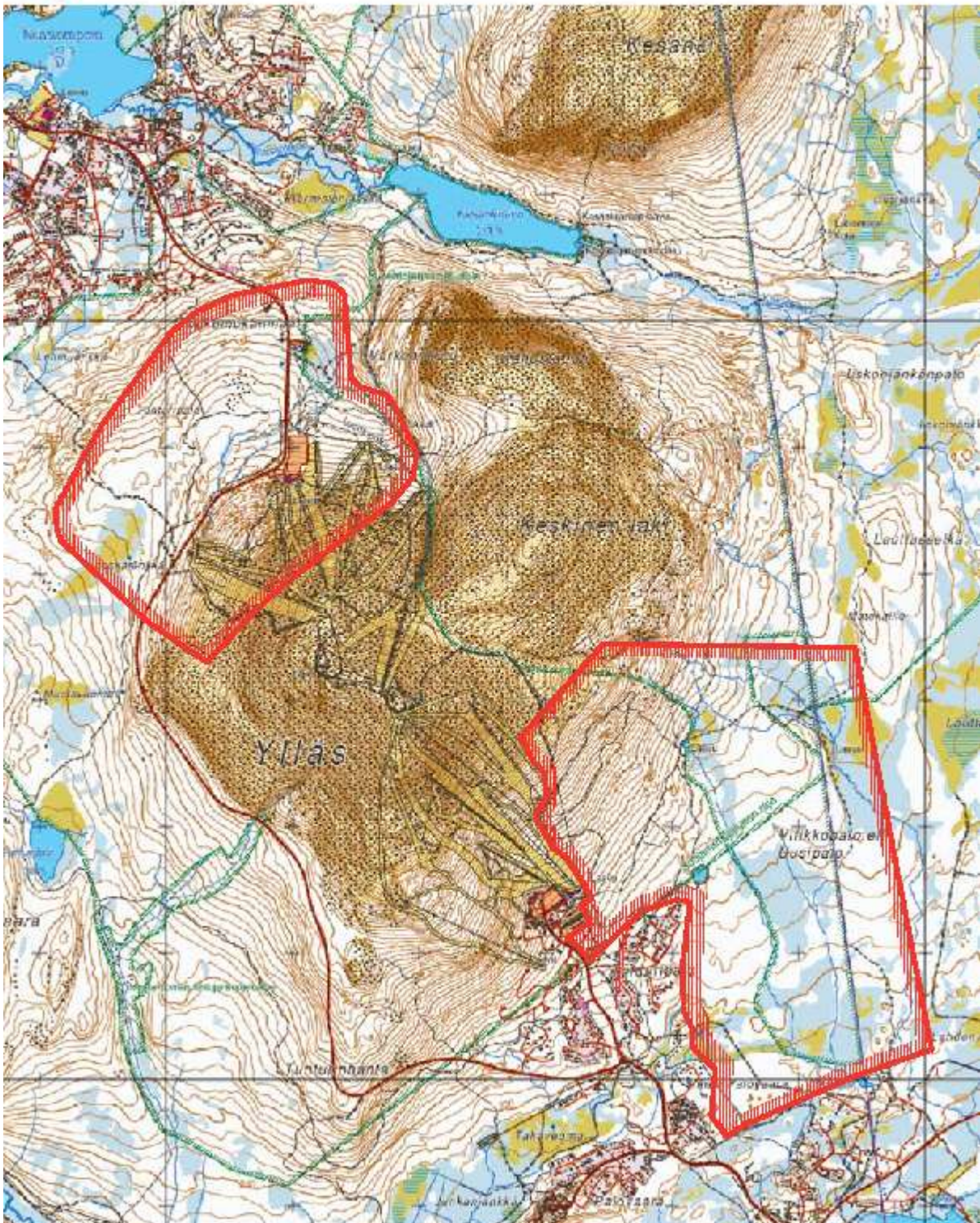
Start, Map Change and Finish area of the Long distance

Start and Finish area of the Sprint



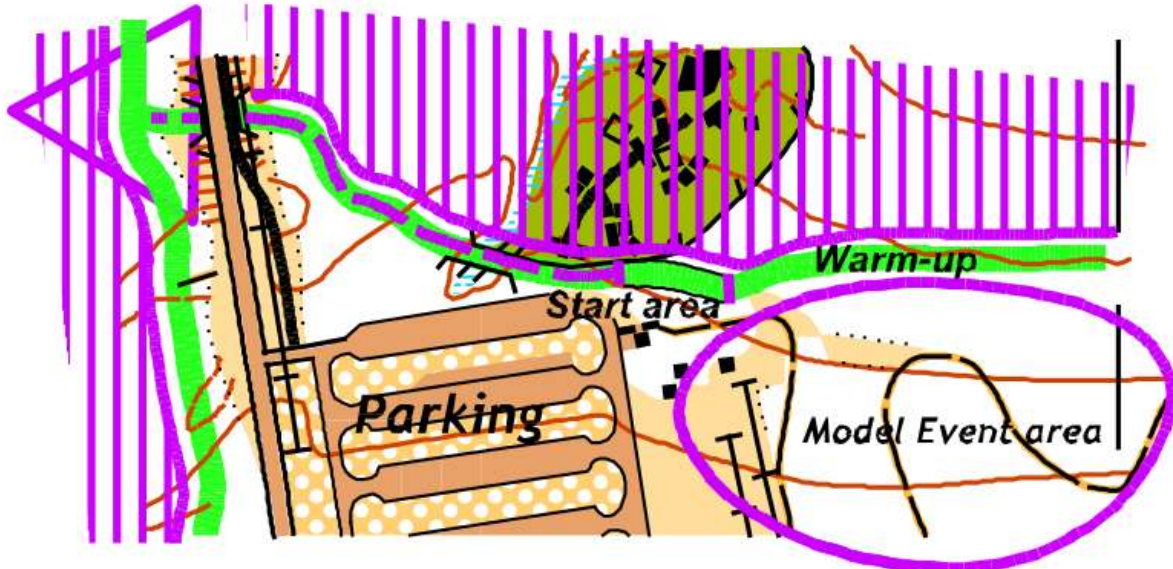
# Embargoed areas in Ylläs World Cup Event

1:25000

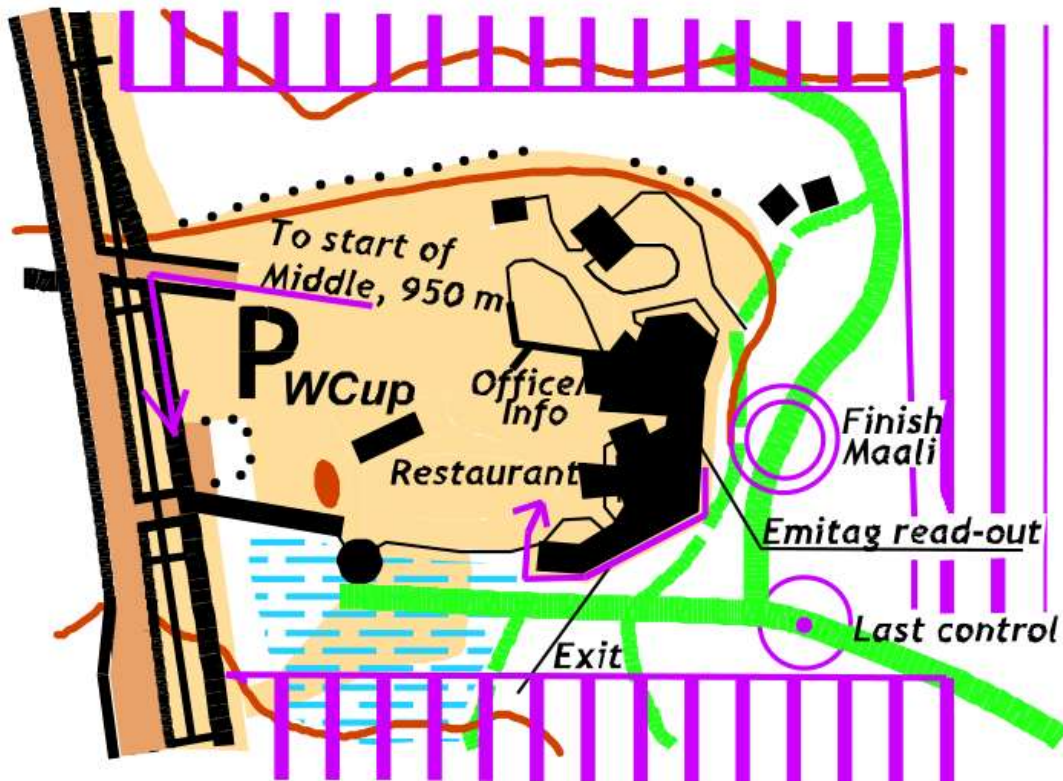


# KELLOKAS

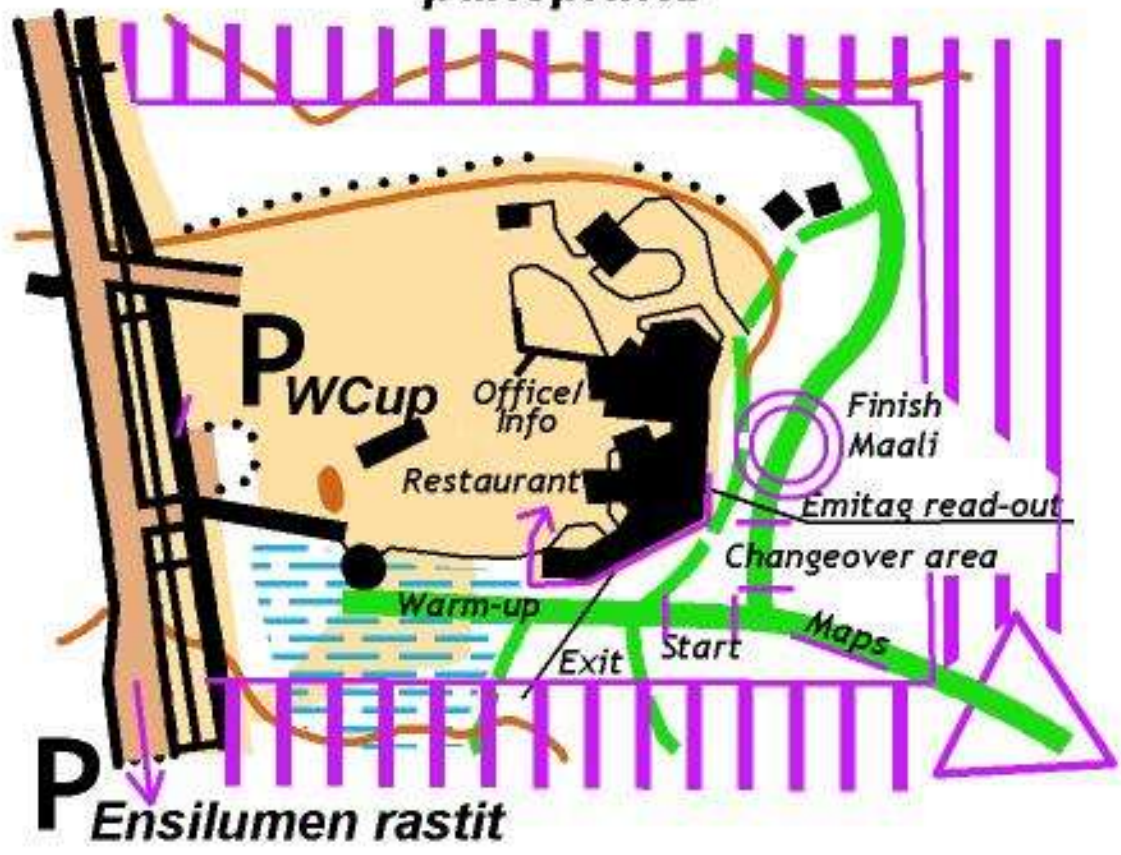
*Middle distance start area Model Event area*



*Middle distance Finish area*



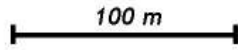
# KELLOKAS *Mixed sprint relay parisprintti*





# KILPAILUKESKUSKARTTA COMPETITION CENTRE MAP

ISO-YLLÄS



1:2500



KIELLETTY ALUE  
EMBARGOED AREA

