

# EVENT INFO

(PRELIMINARY)

## OPEN NORDIC TEAM EVENT & ECTO FINALE WEEKEND



## TRAILO

HALDEN, NORWAY  
16th – 18th SEPTEMBER 2016

### Basic info

- Venue PreO 1** Mo gård, signposted from the junction of roads RV118/FV925 from the north, *and* FV599/FV925 from the south (you may arrive from any direction). Parking at the arena.
- Venue TempO + PreO 2** Fredriksten Fortress, signposted from the western bridge in Halden city, RV 22. Note that you need to follow the signposting north of the fortress and access it from the east. *Accessing the fortress from the south will lead to a disqualification.* Parking on large public parking lot at Fredriksten fortress – then *follow marked route to the arena.*
- Overview map** [goo.gl/xjkWN2](http://goo.gl/xjkWN2)
- Individual classes:** Elite, A, B
- On day entry:** A- and B-level courses, with no timed controls in PreO, A/B level at the TempO event. Entry must be made at the arena no later than 30 min before the first start.
- Open Nordic Team Event:** National teams consisting of 5 competitors per team. The event is open also for non-Nordic nations. Maximum 2 official teams per nation. Other teams (possibly consisting of competitors from different nations) may enter and compete unofficially. Elite class only. Ranking is based on the sum of all team members results on all three events (2 PreO + 1 TempO) computed by the following formula: Time spent in TempO + time spent on timed controls (in PreO) + 30 sec × (number of mistakes in TempO + timed controls in PreO) + 60 sec × (number of mistakes in PreO-course).
- ECTO Finale:** The TempO and PreO 2 events constitute the two last stages of the European Cup in TrailO (ECTO). See [orienteering.org/events/?event\\_id=465](http://orienteering.org/events/?event_id=465) for more information about ECTO. Elite class only.
- Unofficial Nordic champs:** Overall competition all events. Elite class only.
- Training course Friday:** Elite- and A-level A-Z PreO course. 15 controls (Elite), 13 controls (A), 600m. No viewing points. No timing or timed controls. There will be self-service of maps and punching cards at the start of the training for those who have entered. See precise map for pickup point here: <https://goo.gl/6C3Sbl>. Note that it is forbidden to leave the road/track also on the training. It will be possible to do the training on Saturday before your own start at the PreO event.
- Service** Lunch packets (normal/vegetarian) can be picked up at the arena for those who pre-ordered this. A kiosk with cookies, fruit, coffee, mineral water, etc. will be available at both PreO events + to some extent at the TempO event. Toilets are available at the

	respective arenas (HC-toilet at the TempO and PreO 2 is inside the main fortress, halfway between the parking and the arena).
<b>Bank terminal</b>	Payment (entry fees and kiosk) can be made with card on Saturdays events (not available on Sunday).
<b>Banquet</b>	A buffet at Thon hotel Halden 20.30 (changed time from invitation) for those who have pre-ordered this. One mineral water/water is included per person.

## Event details PreO 1 Saturday

<b>Map</b>	Mapped specifically for TrailO by Morten Dalby 2013. Adjustment by Martin Jullum 2014/2016. Scale 1:4000 (changed from the invitation), 2.5m contours, ISOM. A few distinct boulders and knolls below 1 meter are also mapped.
<b>Terrain/route</b>	Spruce and pine forest with varying site quality and visibility. The route consists of unpaved roads and larger paths and are goes steadily upwards. A few steeper sections.
<b>Courses</b>	Elite: 900m, 24 controls, maximum time 99 min A: 800m, 17 controls, maximum time 92 min B: 800m, 13 controls, maximum time 89 min
<b>Distances/start/finish</b>	<b>Elite:</b> 700m to timed controls, 800m to the start from the timed controls. 2000m from the finish back to the arena. Queuing start from 09.30. <b>A and B:</b> 1110m to start. 1300m to walk back through the course to timed controls. 700m from the timed controls to the arena. Start from 10.10. <b>General:</b> The organizer will provide transportation of some competitors back to the arena/to timed controls after the course, but not all. Follow routes and signs to start/timed controls and back to the arena.
<b>Timed controls</b>	1 station with 6 flags (ALFA-FOXTROT). Elite has timed controls before the course. A and B has timed controls after Elite: 2 tasks, maximum time 60 sec A: 2 tasks, maximum time 90 sec B: 1 task, maximum time 60 sec

## Event details TempO Saturday

<b>Map</b>	Mapped by Morten Dalby and Morten Berglia in 2015. Adjustment by Martin Jullum 2016. Scale 1:3000, enlarged from original 1:4000 to improve readability (meaning map symbols are enlarged compared to the norm), 2m eq, ISSOM. Distinct boulders and knolls below 1 meter may also be mapped.
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<b>Map details:</b>	To improve readability some contours are cut when passing through important details they otherwise would have covered (like a green dot). Counting curves (thicker contours) are sometimes changed to regular contours to improve readability. Juniper bushes/trees are not mapped unless they are large enough to constitute an area feature.
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Rock pillars (almost 1m tall) are mapped as boulders. When these are placed very close to each, as shown on the picture, they are mapped as a single boulder.



<b>Terrain/route Courses</b>	Fortress terrain with good to excellent visibility; mostly firm surface. Some elevation. Elite: 6 station with 4 tasks per station, maximum time 120 sec per station. 30 sec penalty per incorrect answer. A/B: 5 station with 3 tasks per station, maximum time 135 sec per station. No zero controls! 45 sec penalty per incorrect answer.
<b>Distances/start</b>	300m to the start. Total course length 900m. First start 15.00 (changed from the invitation).  The final station is public. Provided everything goes as planned, approximately the 10 best competitors from the first 5 stations in the Elite course will be hold back after the 5 <sup>th</sup> station in order to go to the final station in the order with the leading competitor in the end.
<b>Embargo</b>	Note that the area is embargoed also after the TempO event, until after the PreO event on Sunday, meaning that you are NOT allowed to go to the TempO course or terrain after the TempO event.

## Event details PreO 2 Sunday

<b>Map</b>	As for the TempO.
<b>Map details</b>	As for the TempO.
<b>Terrain/route</b>	As for the TempO.. In addition: One steeper section on the elite course. Extra pushers will be provided at this location. One shorter section with rougher surface. Part of the route goes over the grass; follow the marked route on the map and in the terrain.
<b>Courses</b>	Elite: The course consists of two parts. Total course length 1000m, 30 controls, max time 120 min (+10 min for wheelchairs). After finishing the first part the competitor hands in the map and follows marked route 400m. You will see controls on the second part of the course while moving between the starts. Please show fair play, walk steadily and do not stop to study the terrain. A: 1200m, 18 controls, maximum time 108 min B: 1200m, 11 controls, maximum time 91 min
<b>Forbidden paths:</b>	Note that the A and B course are allowed to move on some parts which are marked as forbidden for the Elite class, close to the end of the first part of the Elite course.
<b>Distances/start/finish</b>	200m to the start for all classes. 800m to go to timed controls after finishing. Follow tape/signs back along part of the course. < 200m from the timed controls to the arena. First start 10.00. Extra pushers for wheelchairs will be provided at steep sections.
<b>Timed controls</b>	1 station with 6 flags (ALFA-FOXTROT). All classes after the course Elite: 3 tasks, maximum time 90 sec A: 2 tasks, maximum time 90 sec B: 1 task, maximum time 60 sec

<b>One-way</b>	Near the end of the course there is a one-way/no stop segment over a trafficked road, meaning that it is not allowed to stop in the middle of the road, and it is not allowed to go back across the road. Be extra careful at this site, and cross the road as safely as you can.
<b>Quarantine</b>	A simple quarantine applies. All competitors must leave to the start no later than 11.30. Competitors arriving or present at the arena later than this will be disqualified.

## General event details

<b>Punching system</b>	The competitors bring their own puncher for punching at the PreO course. The organizer has a few spare ones at the start which may be borrowed.
<b>TempO/timed controls</b>	At timed controls/tempo answers are provided by speaking. Competitors who wish to point instead must tell the marshals this at arrival.
<b>Results</b>	Will be made available at <a href="http://eventor.orientering.no">eventor.orientering.no</a> .
<b>Zero controls</b>	May appear in class Elite and A in PreO, and class Elite in TempO (A/B class in TempO is without zeros).
<b>Zero tolerance</b>	All zero controls are solvable by pure map-reading. Example: There are no zeros controls where a flag is placed on the same feature 2m from the correct spot!
<b>Out of bounds</b>	Paths/roads marked with cross is forbidden to use (the complete path/road is forbidden). Where a line goes over the path/road and/or yellow/black tape goes over the path/road in the terrain, it is allowed to go until this one, but no further.
<b>Prizes</b>	Prizes provided by <b>Thon Hotel</b> and <b>Sport8</b> to the winner of each event in elite class. Individual prizes are awarded according to the overall competition (using the same system as for the Nordic team event) Regular prizes per event for the other classes. All prizes will be awarded after the PreO event on Sunday.
<b>Complaints/protests</b>	The deadline for complaints will be announced on the final result list (with 15 min time window). The organizers decision of any claims may be protested upon within 15 min, the jury will then be called upon. A protest fee of 25 EUR/ 250 NOK will apply (handed back if protest is accepted).
<b>Fair play</b>	We encourage the competitors to show fair play during the competitions. Keep your punching card for yourself, punch the controls in the correct order and no talking on the course. It is not allowed to bring maps over the competition area to the arena. The terrain and course is forbidden area until the competition and protest deadline has passed. At Fredriksten Fortress the terrain and course is embargoed until the end of PreO 2 on Sunday, meaning that you are NOT allowed to go to the TempO course after the TempO event.
<b>Jury</b>	Libor Forst, Clive Allen, Ola Wiksell
<b>Event Director:</b>	Bjørn Axel Gran, Halden SK
<b>Planner:</b>	Martin Jullum, Halden SK
<b>Event advisor:</b>	Knut Ovesen, Lardal O-lag