



PM

World Biathlon Orienteering Championships

17 – 20 August 2017

Sundsvall - Sweden

Update 2017-08-19





Race Arena Race Arena Skönvik – Sundsvall – Sweden

(RA) Coordinates: 62°27'42.6"N 17°17'35.1"E | 62.461833, 17.293083
[Google Map](#) or Annex 1



Parking Adjacent to the Race Arena

Arena overview Available at Race Arena at Info board

Information Info board at RA. Questions? Talk to our Info-person wearing a yellow vest.

Map Skönviksberget, 2005. Adjusted 2017
Scale: 1:10 000. Contour interval: 5 m.

Control-system SportIdent, if any SI-card numbers changes please contact the Information ASAP. Rental cards to be picked up at Info board

Control description Printed on map and separate at start (not Sunday)

Terrain Forest with a few different hilly areas. Many paths and ski trails crosses the area. Moderate to very hilly with elements of detailed downhills. Partially poor detailed and flat terrain. Mostly good passability and visibility. Clearcuts in different ages, some young forest that is partly thinned with branches on the ground.

Start bibs For all participants, self-service at start (Sunday at Info board). Note! Different bibs every day. Please re-use your safety pins given Friday.

Start Empty and check your SI-card at start, be sure to be at start at least 4 min before starting time.





Results	Will be published at result board continuously and published at website when competition is finished. Protests shall be handed to Chief of Competition within 30 minutes after final results have been published for each class.
Gun inspection	Every day. Participants only allowed at shooting range during their race. Bring your bib to get your weapon by shooting staff after finished race.
Adjustment shooting	Lead by Chief of Shooting. At paper panels, lane distribution list published at Info board and shooting range.
Weapon handling	At all-time, the weapon must be carried in the barrel, the barrel pointing upwards. After finished adjustment shooting put your weapon in weapon racks according to bib number, bolt open. Shooting staff will close bolts and blind fired all weapons after adjustment shooting. No spare ammunitions allowed outside shooting range in clips or at weapon.
Medical	Available at RA.
Toilets	At RA and at start for classic distance. No toilet at start for Sprint distance.
Shower	Indoor at RA. Please keep in mind that there are many participants and limited amount of hot water.
Lunches	Food tickets will be handed out Thursday at Team leader meeting. Lunches served at RA between 11.00 and 14.00, bring your ticket.
Canteen	Drinks, sandwiches etc. available at RA. Pay cash in SEK or by Swish
Banquet	At Event Arena Sidsjön (EA) at 18.30 Saturday gathering 18.15, bring your food ticket!
Award ceremony	Classic and Sprint: After banquet 20.00, at EA Relay: After all classes finished at RA

Officials	Chief of Competition: Paulina Tomasdotter Vice Chief of Competition / Technical Chief: Niklas Martin Course setter: Nils-Göran Olsson & Olof Fraenell Course setter Location-OL: Olof Fraenell Chief of Shooting: Max-Johan Sjöberg Chief of Secretary: Patrick Castenborg Technical advisor: Marcus Andersson
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Competition jury: Decision at first team leader meeting





Friday 18 August – Classic distance

Sequence Location orienteering (punch after location)– Prone shooting 10 shots – (start punch) - Orienteering – Standing shooting 10 shots – Running loop – Finish, (see detailed overview)

M/W 16 – only prone shooting

Combined classes W60 → W55, M35 → M21, No entries in W70 and W65.

Classes & Course length

Class	Length (km)	Class	Length (km)
M16	3,0 + 4,6	W16	3,0 + 4,1
M20	3,0 + 6,5	W20	3,0 + 5,6
M21	3,0 + 7,7	W21	3,0 + 5,8
M40	3,0 + 6,3	W35	3,0 + 5,6
M45	3,0 + 5,6	W40	3,0 + 5,4
M50	3,0 + 5,4	W45	3,0 + 5,4
M55	3,0 + 4,6	W50	3,0 + 4,6
M60	3,0 + 4,1	W55	3,0 + 3,8
M65	3,0 + 3,8		
M70	3,0 + 3,4	M Novice	3,0 + 3,8

Adjustment shooting 10.00–11.30

Distance to start 1600 m, 90 m elevation. Follow orange/white markings.

First start 12.00

Water After first prone shooting

Target system Self-marking target system

Waiting queue If there are more participants than staff at shooting range there will be a waiting queue, you punch when enter and punch when exit, time spent in queue will be withdrawn from total time.





Saturday 19 August – Sprint distance

Sequence Orienteering – Prone shooting 5 shots – Penalty loops (if any) – Orienteering – Standing shooting 5 shots – Penalty loops (if any) – Running loop – Finish (see detailed overview)

M/W 16 – only prone shooting

Combined classes W60 → W55, M35 → M21, No entries in W70 and W65.

Classes & Course length

Class	Length (km)	Class	Length (km)
M16	2,0	W16	1,8
M20	2,5	W20	2,4
M21	3,1	W21	2,5
M40	3,4	W35	2,4
M45	3,4	W40	2,1
M50	2,1	W45	2,1
M55	2,1	W50	2,0
M60	2,0	W55	2,0
M65	2,0		
M70	1,8	M Novice	1,9

Adjustment shooting 9.00-10.30

Distance to start 1000 m, 55 m elevation. Follow orange/white markings.

First start 11.00

Target system Self-marking target system

Waiting queue If there are more participants than staff at shooting range there will be a waiting queue, you punch when enter and punch when exit, time spent in queue will be withdrawn from total time.

Penalty loop Penalty loops with punching for every look. See separate overview.
M21 and M20 – long loop, all other – short loop





Sunday 20 August – Relay

Sequence Orienteering – Prone shooting 5 + 3 shots – Penalty loops (if any) –
Orienteering – Standing shooting 5 + 3 shots – Penalty loops (if any) –
Changeover / Finish (see detailed overview)

M/W 16 – only prone shooting

Change over After finish punch, the runner grabs the map for the next leg and hand it over to the next runner.

Combined classes W60 → W55, M35 → M21, No entries in W70 and W65.

Classes & Course length

Class	Length (km)	Class	Length (km)
M16	4,5	W16	4,0
M20	4,9	W20	4,5
M21	6,5	W21	4,7
M70	4,7	W70	3,8
M95	4,5	W95	3,7
M120	3,3	W120	3,1
MIX	3,8		

Adjustment shooting 8.30-9.30

First start 10.00 at RA

Target system Self-marking target system

Waiting queue If there are more participants than staff at shooting range there will be a waiting queue, you punch when enter and punch when exit, time spent in queue will be withdrawn from total time.

Penalty loop Penalty loops with punching for every look. See separate overview.
M21 and M20 – long loop, all other – short loop

Runners pool If you don't have a team and want to run, contact secretary during Friday or Saturday and we will find you a match (no guarantees).

Award Ceremony 13.30 at RA





Time schedule

Thursday 17 August

- 14.00-17.00** Official training
Maps available at Sidsjö Hotel Reception. Note! Only one map / participant
- 18.00** Opening ceremony at EA, gathering 17.55 outside Sidjö Hotel Reception
- 19.00** Team leader meeting, At EA, exact room announced later

Friday 18 August – Classic discipline

- 8.00-9.30** Voluntary shooting training
- 10.00-11.30** Adjustment shooting
- 12.00** First start
- 16.30** Flower ceremony (preliminary)
- 19.00** Team leader meeting, At EA, exact room announced later

Saturday 19 August - Sprint discipline

- 9.00-10.30** Adjustment shooting
- 11.00** First start
- 16.30** Team leader meeting, At EA, exact room announced later
- 18.15** Gathering at EA
- 18.30** Banquet at EA
- 20.00** Award ceremony at EA

Sunday 20 August - Relay

- 8.30-9.30** Adjustment shooting
- 10.00** First start
- 13.30** Award and closing ceremony at RA

If any questions please contact us (see organization above), visit our website
www.njurundaok.org or check us out on social media.

Welcome to Sundsvall, Sweden and the 2017
World Biathlon Orienteering Championships!

