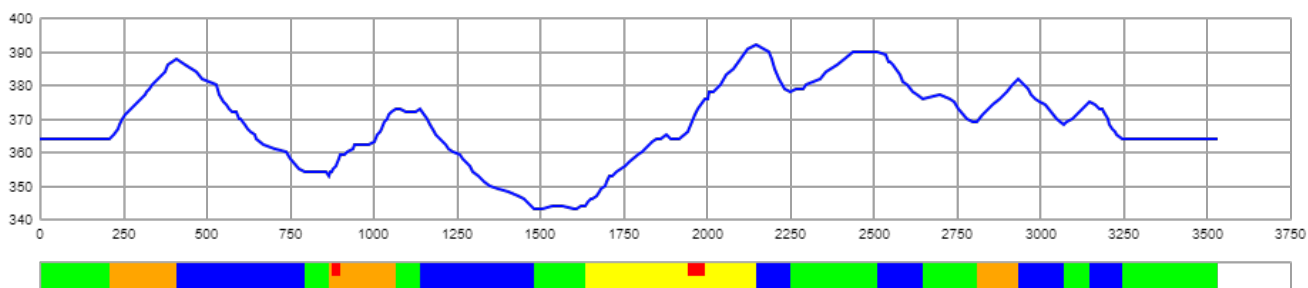




CERTIFICATE  
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE  
FIS CROSS-COUNTRY COMMITTEE

(1) Registration number: **WC20/80.05/3.3**  
(2) Name of the competition site: **Östersunds Skidstadion**  
(3) Name of city/region: **Östersund**  
(4) Organizer: **Östersunds Skidklubb**  
(5) National ski association: **Svenska Skidförbundet / Swedish Ski Association**  
(6) Contact person in the organizing committee: **Anton Lindblad**  
(7) Homologation inspector: **Jonas Braam/Henrik Ilhamn/Hermod Bjørkestøl**  
(8) Name of course: **3,3 km blue**  
(9) Competition level for course: **WC**

Course length:	3,532m	Height difference (HD):	49m	Lowest point:	343m
Course category:	D	Maximum climb (MC):	49m	Highest point:	392m
		Total climb (TC):	129m		



A-climb B-climb C-climb descent undulated terrain



FIS Office

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FIS Stamp



FIS Homologation  
Responsible

Bjørkestøl, Hermod

Date of Issue

24.12.2020

Valid until

30.06.2025

## (10) Overview of the uphill:

	No.	PTC	% of TC
- major climbs	1	49	38.0
- shorter climbs	3	57	44.2
- steep climbs	2	0	0.0
- descents	6	0	0.0
- undulated terrain	8	23	17.8

## (11) Stadium area:

		Indoor working room:	
Fixed stadium area	yes	Timekeeping	yes
Fixed building	yes	Announcer	yes
Temporary stadium	no	Jury	yes
Temporary building	no	Race office	yes
Good infrastructure (access, parking, media, etc.)	yes		
Skitesting area along course/near stadium	yes		
Warm up track near the stadium	yes		

## (12) Category for the stadium and course layout:

	Interval	Sprint	Skiathlon	Relay	Mass start
Stadium suitable for following competition formats	yes	yes	yes	yes	yes
Course suitable for following competition formats with					
a) Classical technique	yes		yes		yes
b) Free technique	yes		yes		yes
Course suitable for relay and skiathlon competition					
a) On same course					
b) Combined on different courses (C+D or D+D)			yes		

## (13) Possibility of snow making:

Very good. Snow storage to ensure competitions early in the season

## (14) Map Material:

Very good.

## (15) Source of accurate elevation data:

LiDAR measurements combined with manual measurements with GPS

## (16) Safety considerations:

In general, fencing is needed at the bottom turn of the first descent

## (17) General remarks:

None

## (18) Date of first inspection: 2020/11/30

## (19) Date of final inspection: 2020/12/18

## (20) Summary of terrain characteristics

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)	
A-climb <span style="color: yellow;">■</span>	1	1,636	48	49	-6.8 - 27.8	9.4	C at 1,941m, PTC: 10m, 19.2%
	total			49			38.0% part of TC
B-climb <span style="color: orange;">■</span>	1	211	24	24	8.2 - 20.1	12.1	
	2	866	20	20	6.0 - 22.4	10.1	C at 876m, PTC: 5m, 19.2%
	3	2,810	13	13	8.8 - 13.3	10.6	
	total			57			44.2% part of TC
C-climb <span style="color: red;">■</span>	total			0			0.0% part of TC
undulated terrain <span style="color: green;">■</span>	total			23			17.8% part of TC
	total climb			129			