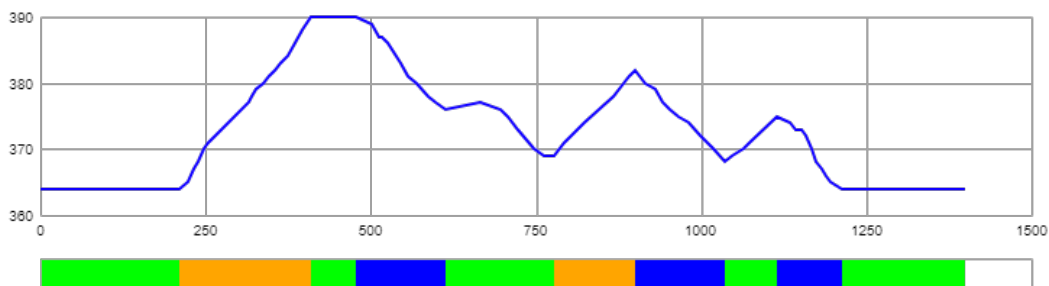




CERTIFICATE
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE
FIS CROSS-COUNTRY COMMITTEE

(1) Registration number: **WC20/80.03/1.4**
(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: **Sprint**
(9) Competition level for course: **WC**

Course length:	1,400m	Height difference (HD):	26m	Lowest point:	364m
Course category:	D	Maximum climb (MC):	26m	Highest point:	390m
		Total climb (TC):	47m		



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



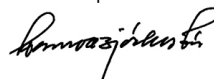
FIS Office


Mignerey, Pierre
FIS International Ski Federation
Blochstrasse 2 / Postfach
CH - 3653 Oberhofen

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
- shorter climbs	2	39	83.0
- descents	3	0	0.0
- undulated terrain	5	8	17.0

(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			
b) Free technique		yes			
Course suitable for relay and skiathlon competition					
a) On same course					
b) Combined on different courses (C+D or D+D)					

(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:

None

(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	total			0			0.0% part of TC
B-climb	1	210	26	26	8.2 - 20.1	13.0	
	2	778	13	13	8.8 - 13.3	10.6	
	total			39			83.0% part of TC
C-climb	total			0			0.0% part of TC
undulated terrain	total			8			17.0% part of TC
	total climb			47			