



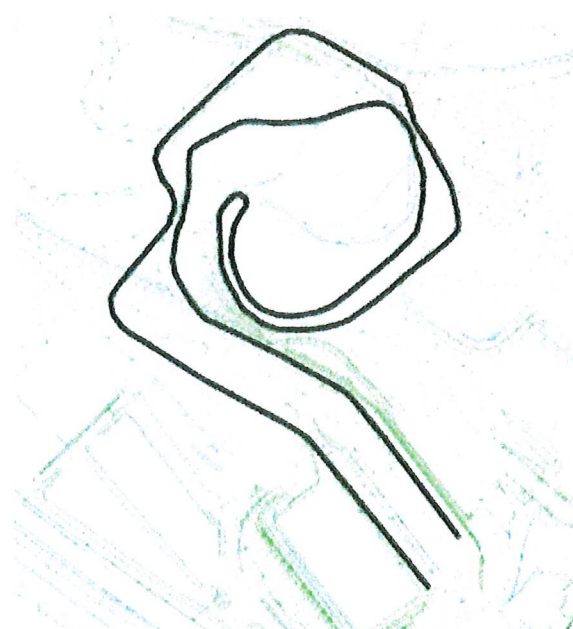
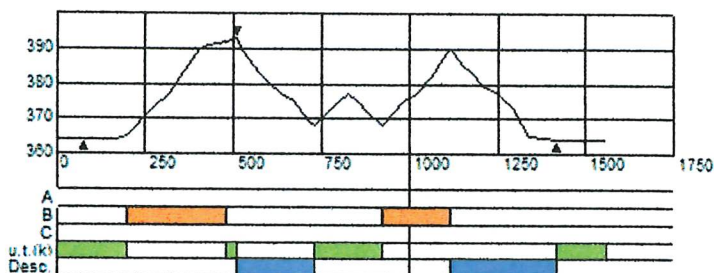
CERTIFICATE

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



- (1) Registration Number: WC 16/12.02/1,6
(2) Location of the competition site: Östersund
(3) Organizer: Östersund municipality
(4) National Ski Association: Svenska Skidförbundet
(5) Contact person in the organizing committee: Johan Palm
(6) Homologation inspector: Henrik Ilhamn/Hermod Bjørkestøl
(7) Name of course: Sprint 1,6 km
(8) Description of course:

Course length:	1557 m	Height Difference (HD):	29 m	Lowest point:	364 m
Category	D	Maximum Climb (MC):	27 m	Highest point	393 m
Competition Level:	WC	Total Climb (TC):	60 m		



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Blochstrasse 2 / Postfach
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FIS Homologation Responsible
Henrik Ilhamn
Hermod Bjørkestøl

Date of Issue
07.12.2016
Valid until
30.06.2021



FIS CROSS COUNTRY COMMITTEE

Subcommittee for Rules and Control



DOCUMENTATION OF HOMOLOGATED CROSS COUNTRY COURSES

- (1) Registration Number:
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- (9) Overview of the uphill

- major uphill
- shorter uphill
- undulated terrain

No.	PTC	% of TC
0	0	0.00
2	49	81.67
u.t.	11	18.33

- (10) Stadium area

- | | | | |
|---|-------------------------------------|-------------------------|-------------------------------------|
| - fixed stadium..... | <input checked="" type="checkbox"/> | indoor working room for | |
| - fixed building..... | <input checked="" type="checkbox"/> | - timekeeping..... | <input checked="" type="checkbox"/> |
| - temporary stadium..... | <input type="checkbox"/> | - calculation..... | <input checked="" type="checkbox"/> |
| - temporary building..... | <input type="checkbox"/> | - announcer..... | <input checked="" type="checkbox"/> |
| - good infrastructure (access, parking, media, etc.)..... | <input checked="" type="checkbox"/> | - media..... | <input checked="" type="checkbox"/> |
| - skitesting area near the stadium..... | <input checked="" type="checkbox"/> | - jury..... | <input checked="" type="checkbox"/> |
| - warm up track near the stadium..... | <input checked="" type="checkbox"/> | - others..... | <input checked="" type="checkbox"/> |

- (11) Category for the stadium and course layout

Stadium: suitable for following starting procedures

Course: suitable for following competition formats with

a) classical technique

b) free technique

suitable for mixed relay and pursuit competition

a) on the same course.....

b) combined with a separat course.....

Category: D

Individual Sprint Pursuit Relay Masstart

☒ ☒ ☒ ☒ ☒

☐ ☒ ☐ ☐ ☐

☐ ☒ ☐ ☐ ☐

- (12) Possibility of snow making

Stadium area..... ☒ Course..... ☒

- (13) Substitute course available..... ☐

- (14) Map material in accordance to art 313.4.3 ICR

very good..... ☒ sufficient..... ☒

- (15) Date of the final inspection: 20141130

- (16) Closing of the homologation procedure: 20161203

- (17) Date of the FIS-License:

Data of the course profile



Data		Remarks of the inspector				
Name of the course	Sprint 1,6 km					
Competition distance	1557 m					
Number and length of the laps	1					
Height difference (HD)	29 m					
Maximum climb (MC)	27 m					
Total climb (TC)	60 m					
Lowest point	364 m					
Highest point	393 m					
A	at m	PHD	PTC	gradient	average gradient	Remarks of the inspector
major uphill with:						
and Ø						
6.00 - 12.00% gradient						
in accordance to ICR 313.1						
total						0.00% part of TC
B	1. 197	27	27	1.89-15.29	9.51	
shorter uphill with:	2. 923	22	22	5.88-14.58	11.40	
10 m - 29 m MP						
and Ø						
<18.00% gradient						
in accordance to ICR 313.1						
total						81.67% part of TC
C						
steep uphill with						
Dist. ≤ 30 m						
and Ø						
> 18.00% gradient						
in accordance to ICR 313.1						
undulated terrain			11			
total			11			18.33% part of TC
total climb						100.00 0