



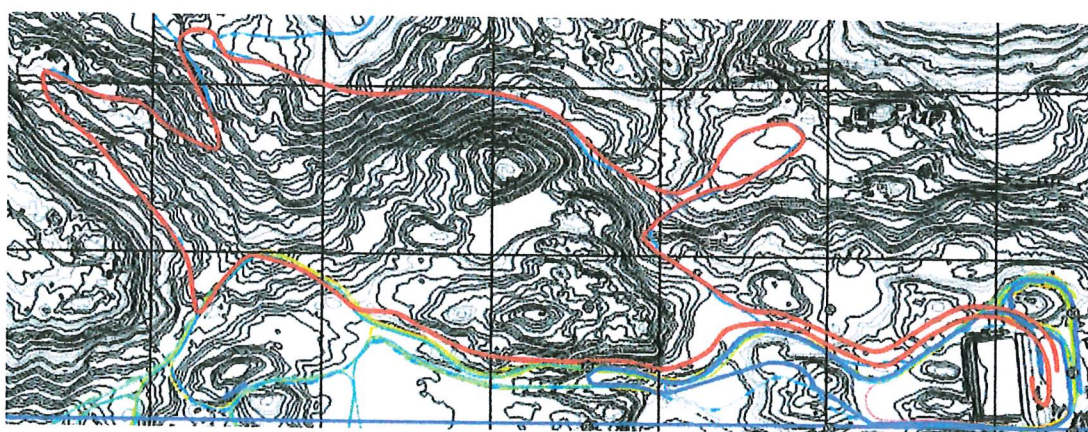
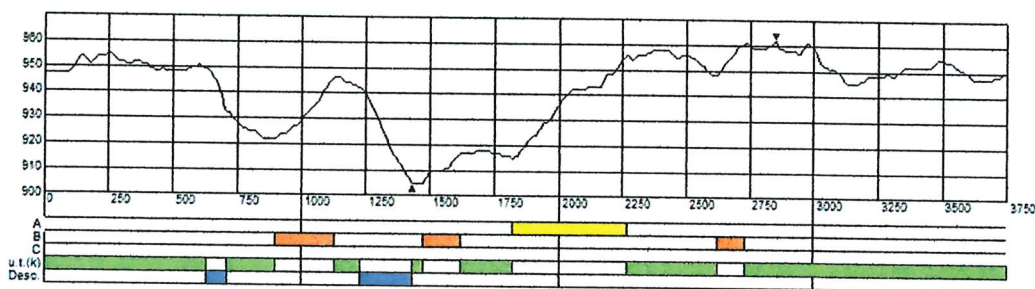
CERTIFICATE

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



- (1) Registration Number: 16/38.04/3,75
(2) Location of the competition site: Liatoppen, ÅL
(3) Organizer: Ål IL - Ski
(4) National Ski Association: Norwegian Ski Federation
(5) Contact person in the organizing committee: Kåre Hagen
(6) Homologation inspector: Hermod Bjørkestøl
(7) Name of course: Liatoppen 3,75 km red
(8) Description of course:

Course length:	3750 m	Height Difference (HD):	57 m	Lowest point:	905 m
Category	E	Maximum Climb (MC):	41 m	Highest point	962 m
Competition Level:	COC	Total Climb (TC):	133 m		



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FIS Homologation Responsible
Hermod Bjørkestøl
Hermod Bjørkestøl

Date of Issue
26.10.2016
Valid until
30.06.2021



FIS CROSS COUNTRY COMMITTEE

Subcommittee for Rules and Control



DOCUMENTATION OF HOMOLOGATED CROSS COUNTRY COURSES

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Category:	D	Maximum Climb (MC):	41m	Highest point:	962m
Competition Level:	COC/FIS	Total Climb (TC):	133m		

- (9) Overview of the uphill

- major uphill
- shorter uphill
- undulated terrain

No.	PTC	% of TC
1	41	30.83
3	49	36.84
u.t.	43	32.33

- (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

- | | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

- (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:

- (16) Closing of the homologation procedure:

- (17) Date of the FIS-License:

Data of the course profile



Data		Remarks of the inspector				
Name of the course	Liatoppen 3,75 km red					
Competition distance	3750 m					
Number and length of the laps						
Height difference (HD)	57 m					
Maximum climb (MC)	41 m					
Total climb (TC)	133 m					
Lowest point	905 m					
Highest point	962 m					
A	at m	PHD	PTC	gradient	average gradient	Remarks of the inspector
major uphill with: and Ø	1. 1820	41	41	10.00-20.00	9.11	
6.00 - 12.00% gradient in accordance to ICR 313.1						
total						30.83% part of TC
B	1. 900	24	24	10.00-20.00	10.43	
shorter uphill with: 10 m - 29 m MP and Ø	2. 1470	12	12	10.00-20.00	8.00	
<18.00% gradient in accordance to ICR 313.1	3. 2620	13	13	10.00-20.00	11.82	
total						36.84% part of TC
C						
steep uphill with Dist. <= 30 m and Ø						
> 18.00% gradient in accordance to ICR 313.1						
undulated terrain			43			
total			43			32.33% part of TC
total climb					100.00	0