



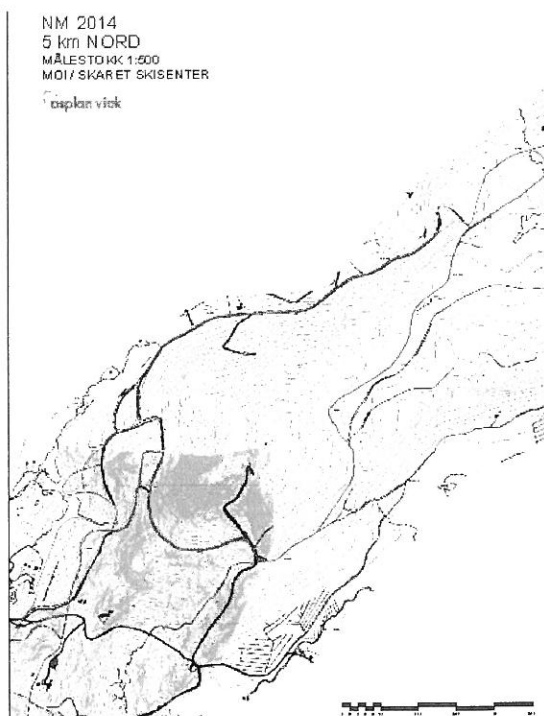
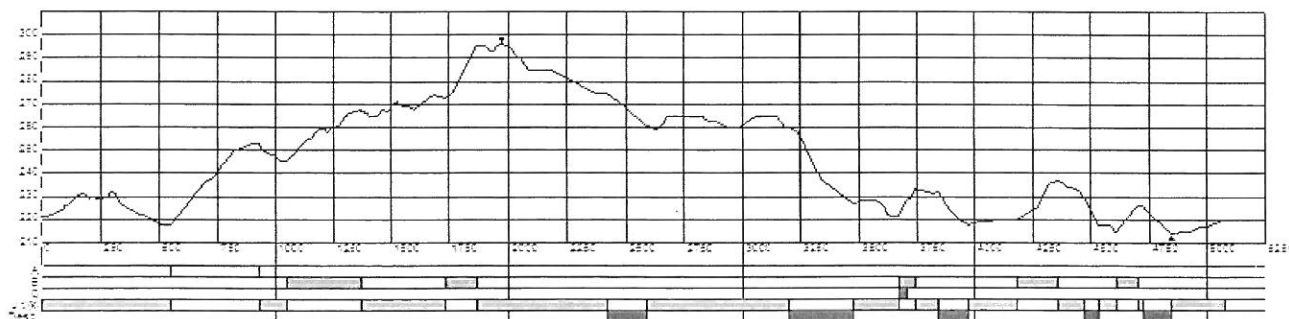
CERTIFICATE

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



- (1) Registration Number: 13/59.07/05
(2) Location of the competition site: Skaret, Molde
(3) Organizer: Molde og Omegn IF - ski
(4) National Ski Association: Norwegian Ski Federation
(5) Contact person in the organizing committee: Tore Pettersen
(6) Homologation inspector: Hermod Bjørkestøl
(7) Name of course: 5 km north
(8) Description of course:

Course length:	5076 m	Height Difference (HD):	82 m	Lowest point:	214 m
Category:	E	Maximum Climb (MC):	35 m	Highest point:	296 m
Competition Level:	COC	Total Climb (TC):	172 m		



FIS Office

P.O. Mignerey
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FIS Stamp

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Blochstrasse 2 / Postfach
CH-3653 Oberhofen

FIS Homologation Responsible

Hermod Bjørkestøl
Hermod Bjørkestøl

Date of Issue

11.10.2013

Valid until

30.06.2018



FIS CROSS COUNTRY COMMITTEE

Subcommittee for Rules and Control



DOCUMENTATION OF HOMOLOGATED CROSS COUNTRY COURSES

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- (9) Overview of the uphill

- major uphill
- shorter uphill
- undulated terrain

No.	PTC	% of TC
1	35	20.35
5	86	50.00
u.t.	51	29.65

- (10) Stadium area

- fixed stadium ☒ indoor working room for
- fixed building ☒ - timekeeping ☒
- temporary stadium ☐ - calculation ☒
- temporary building ☐ - announcer ☒
- good infrastructure (access, parking, media, etc.) ☒ - media ☒
- skitesting area near the stadium ☒ - jury ☒
- warm up track near the stadium ☒ - others ☒

- (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: E

Individual Sprint Pursuit Relay Masstart

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- (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		5 km north						
Competition distance		5076 m						
Number and length of the laps								
Height difference (HD)		82 m						
Maximum climb (MC)		35 m						
Total climb (TC)		172 m						
Lowest point		214 m						
Highest point		296 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	1.	546	35	35	0.00-14.29	9.19		
total							20.35% part of TC	
B		1.	1051	23	24	5.88-25.00	7.19	
shorter uphill with: 10 m - 29 m MP and Ø <18.00% gradient in accordance to ICR 313.1	2.	1730	22	22	6.90-21.54	16.30		
	3.	3671	12	12	11.76-18.75	15.79		
	4.	4181	17	17	3.57-16.39	9.83		
	5.	4613	11	11	11.76-13.89	12.64		
total							50.00% part of TC	
C								
steep uphill with Dist. <= 30 m and Ø > 18.00% gradient in accordance to ICR 313.1								
undulated terrain			51					
total			51				29.65% part of TC	
total climb						100.00	7	