



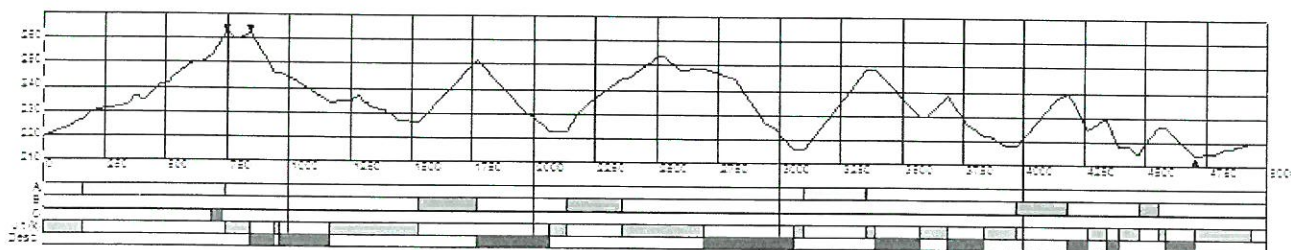
# CERTIFICATE

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



- (1) Registration Number: 13/59.06/05  
(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 south  
(8) Description of course:

Course length:	4935 m	Height Difference (HD):	48 m	Lowest point:	214 m
Category:	E	Maximum Climb (MC):	37 m	Highest point:	262 m
Competition Level:	COC	Total Climb (TC):	191 m		



FIS Office

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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
2	70	36.65
4	81	42.41
u.t.	40	20.94

- (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: ..... 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

F I S

Data		Remarks of the inspector							
Name of the course	5 km south								
Competition distance	4935 m								
Number and length of the laps									
Height difference (HD)	48 m								
Maximum climb (MC)	37 m								
Total climb (TC)	191 m								
Lowest point	214 m								
Highest point	262 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.	160	36	37	1.96-18.42	6.14	690 m	7 m MP	18.42%
	2.	3104	33	33	13.10-13.10	13.10			
total							36.65%	part of TC	
B	1.	1531	26	26	10.92-10.92	10.92			
shorter uphill with: 10 m - 29 m MP and Ø <18.00% gradient in accordance to ICR 313.1	2.	2132	22	22	7.97-15.22	9.61			
	3.	3969	22	22	5.56-12.00	10.23			
	4.	4475	11	11	12.28-15.38	13.25			
total							42.41%	part of TC	
C									
steep uphill with Dist. <= 30 m and Ø > 18.00% gradient in accordance to ICR 313.1									
undulated terrain				40					
total				40			20.94%	part of TC	
total climb							100.00	7	