



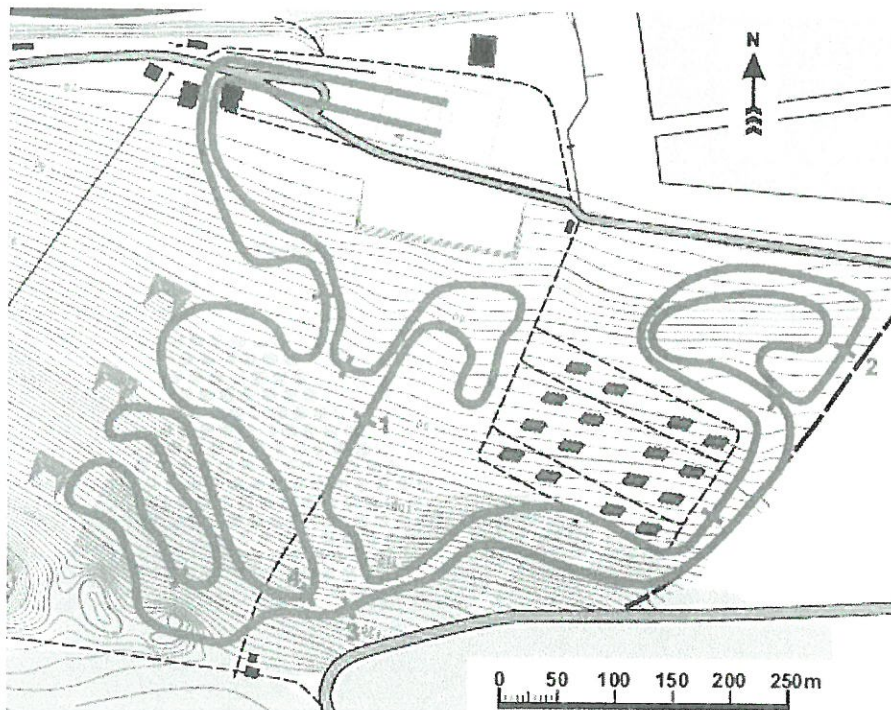
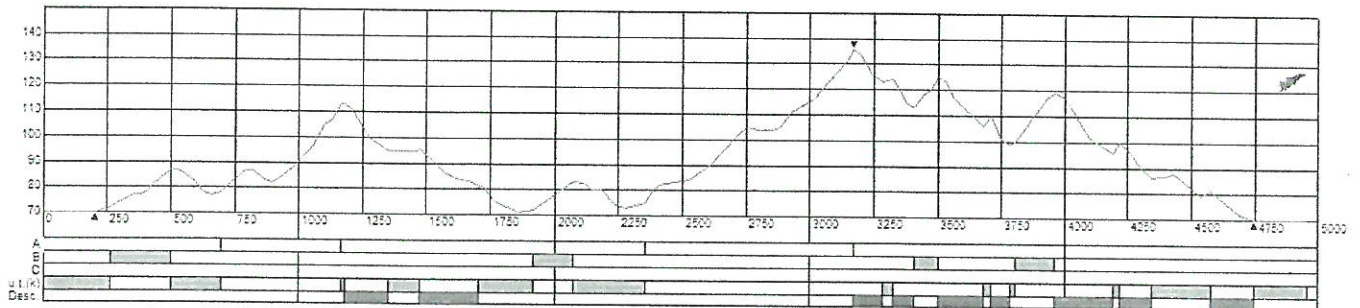
# CERTIFICATE

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



- (1) Registration Number: 14/58.09/05
- (2) Location of the competition site: Kononovskaya village, Ustyanskiy district, Arkhangelsk region
- (3) Organizer: Cross Country Ski of Russia
- (4) National Ski Association: Ski Sports Association of Russia
- (5) Contact person in the organizing committee: Andrey Arsenyev
- (6) Homologation inspector: Andrey Arsenyev
- (7) Name of course: 5 km south
- (8) Description of course:

Course length:	4957 m	Height Difference (HD):	66 m	Lowest point:	70 m
Category	E	Maximum Climb (MC):	62 m	Highest point	136 m
Competition Level:	COC	Total Climb (TC):	180 m		



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FIS Homologation Responsible  
*Hermod Bjørkestøl*  
 Hermod Bjørkestøl

Date of Issue  
 04.10.2014  
 Valid until  
 30.06.2019



# 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	102	56.67
4	57	31.67
u.t.	21	11.67

(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

- |   | Individual                          | Sprint                   | Pursuit                             | Relay                               | Masstart                            |
|---|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Stadium: suitable for following starting procedures     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Course: suitable for following competition formats with |                                     |                          |                                     |                                     |                                     |
| a) classical technique                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) free technique                                       | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| suitable for mixed relay and pursuit competition        |                                     |                          |                                     |                                     |                                     |
| a) on the same course.....                              |                                     |                          |                                     |                                     | <input checked="" type="checkbox"/> |
| b) combined with a separat course.....                  |                                     |                          |                                     |                                     | <input type="checkbox"/>            |
| Category: .....   |                                     |                          |                                     |                                     | E                                   |

(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: 18.08.2014

(16) Closing of the homologation procedure: 23.09.2014

(17) Date of the FIS-License:

# Data of the course profile



		Data	Remarks of the inspector				
Name of the course		5 km south					
Competition distance		4957m					
Number and length of the laps		1, 2, 3, 6					
Height difference (HD)		66 m					
Maximum climb (MC)		62 m					
Total climb (TC)		180 m					
Lowest point		70 m					
Highest point		136 m					
<b>A</b>		at m	PHD	PTC	gradient	average gradient	Remarks of the inspector
major uphill with:							
30 m - 65 m MP		1. 699	35	40	4.55-17.14	7.53	
and Ø		2. 2352	61	62	1.72-17.24	7.43	
6.00 - 12.00% gradient							
in accordance to ICR 313.1							
total							56.67% part of TC
<b>B</b>							
shorter uphill with:		1. 267	15	15	4.55-10.34	6.47	
10 m - 29 m MP		2. 1915	11	11	7.10-7.10	7.10	
and Ø		3. 3406	12	12	7.69-14.29	12.12	
<18.00% gradient		4. 3802	19	19	6.25-13.28	11.88	
in accordance to ICR 313.1							
total							31.67% part of TC
<b>C</b>							
steep uphill with							
Dist. <= 30 m							
and Ø							
> 18.00% gradient							
in accordance to ICR 313.1							
undulated terrain				21			
total				21			11.67% part of TC
total climb						100.00	0