



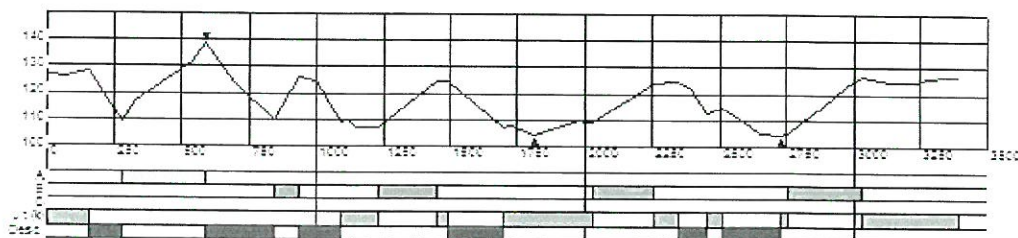
# CERTIFICATE

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

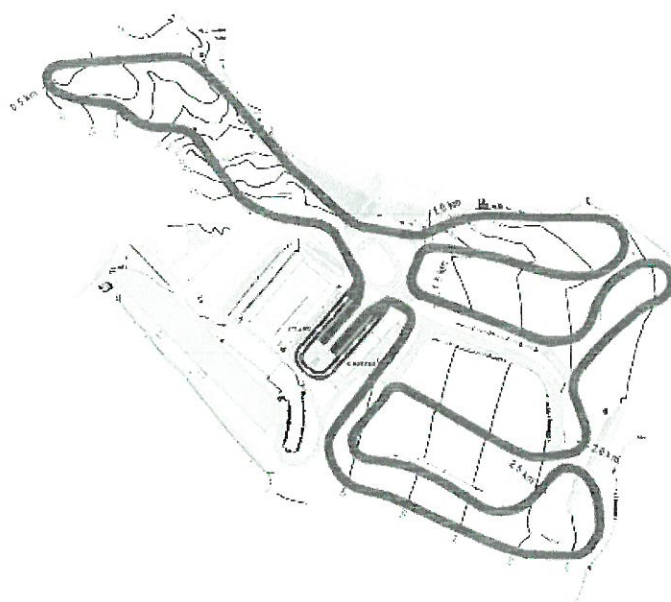


- (1) Registration Number: WC 14/01.04/3,3  
(2) Location of the competition site: Chaykovskiy  
(3) Organizer: Cross Country Ski Federation of Russia  
(4) National Ski Association: Ski Sports Association of Russia  
(5) Contact person in the organizing committee: Igor Belomestnov  
(6) Homologation inspector: Igor Belomestnov  
(7) Name of course: 3,3 km  
(8) Description of course:

|                    |        |                         |       |               |       |
|--------------------|--------|-------------------------|-------|---------------|-------|
| Course length:     | 3396 m | Height Difference (HD): | 35m   | Lowest point: | 104 m |
| Category           | D      | Maximum Climb (MC):     | 30 m  | Highest point | 139 m |
| Competition Level: | WC     | Total Climb (TC):       | 117 m |               |       |



H = 1 m  
M 1:5000



0 50 100 150 200 m

FIS Office  
p.o. *P. Mignerey*  
Pierre Mignerey

FIS Stamp  
Internat. Ski Verband FIS  
Blochstrasse 2 / Postfach  
CH-3653 Oberhofen

FIS Homologation Responsible  
*Hermot Bjørkestøl*  
Hermot Bjørkestøl

Date of Issue  
21.01.2014  
Valid until  
30.06.2019



# 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 |
|------|-----|---------|
| 1    | 30  | 25.64   |
| 4    | 71  | 60.68   |
| u.t. | 16  | 13.68   |

- (10) Stadium area

- fixed stadium.....☒
- fixed building.....☒
- temporary stadium.....☐
- temporary building.....☐
- good infrastructure (access, parking, media, etc.).....☒
- skitesting area near the stadium.....☒
- warm up track near the stadium.....☒

- indoor working room for
- timekeeping.....☒
  - calculation.....☒
  - announcer.....☒
  - media.....☒
  - jury.....☒
  - 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 separate 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:

- (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            |         |                          |     |             |                  |                          |
| Competition distance          | 3396m   |                          |     |             |                  |                          |
| Number and length of the laps | 3       |                          |     |             |                  |                          |
| Height difference (HD)        | 35 m    |                          |     |             |                  |                          |
| Maximum climb (MC)            | 30 m    |                          |     |             |                  |                          |
| Total climb (TC)              | 117 m   |                          |     |             |                  |                          |
| Lowest point                  | 104 m   |                          |     |             |                  |                          |
| Highest point                 | 139 m   |                          |     |             |                  |                          |
| <b>A</b>                      | at m    | PHD                      | PTC | gradient    | average gradient | Remarks of the inspector |
| major uphill with:            |         |                          |     |             |                  |                          |
| 30 m - 65 m MP                | 1. 276  | 30                       | 30  | 7.14-14.81  | 9.55             |                          |
| and Ø                         |         |                          |     |             |                  |                          |
| 6.00 - 12.00% gradient        |         |                          |     |             |                  |                          |
| in accordance to ICR 313.1    |         |                          |     |             |                  |                          |
|                               |         |                          |     |             |                  |                          |
|                               |         |                          |     |             |                  |                          |
|                               |         |                          |     |             |                  |                          |
|                               |         |                          |     |             |                  |                          |
| total                         |         |                          |     |             |                  | 25.64% part of TC        |
| <b>B</b>                      | 1. 842  | 16                       | 16  | 16.49-16.49 | 16.49            |                          |
| shorter uphill with:          | 2. 1229 | 18                       | 18  | 8.11- 8.11  | 8.11             |                          |
| 10 m - 29 m MP                | 3. 2032 | 15                       | 15  | 6.67- 6.67  | 6.67             |                          |
| and Ø                         | 4. 2757 | 22                       | 22  | 7.41- 8.22  | 8.06             |                          |
| <18.00% gradient              |         |                          |     |             |                  |                          |
| in accordance to ICR 313.1    |         |                          |     |             |                  |                          |
|                               |         |                          |     |             |                  |                          |
|                               |         |                          |     |             |                  |                          |
|                               |         |                          |     |             |                  |                          |
|                               |         |                          |     |             |                  |                          |
| total                         |         |                          |     |             |                  | 60.68% 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             |         |                          | 16  |             |                  |                          |
| total                         |         |                          | 16  |             |                  | 13.68% part of TC        |
|                               |         |                          |     |             |                  |                          |
| total climb                   |         |                          |     |             | 100.00           | 0                        |