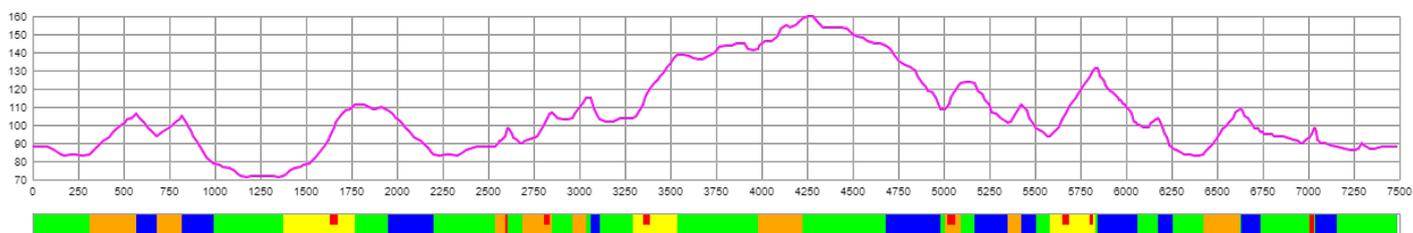




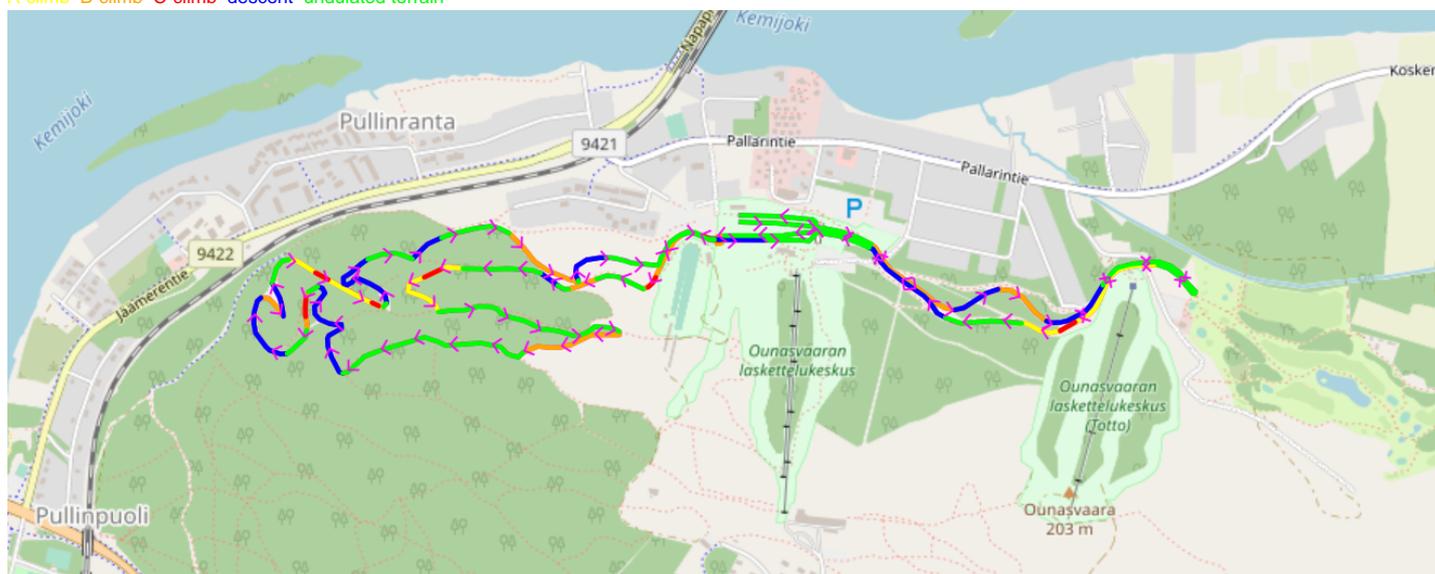
CERTIFICATE
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE
FIS CROSS-COUNTRY COMMITTEE

(1) Registration number: 23/65.02/7.5
(2) Name of the competition site: Ounasvaara
(3) Name of city/region: Rovaniemi
(4) Organizer: Ounasvaaran Hiihtoseura
(5) National ski association: Finnish Ski Association
(6) Contact person in the organizing committee: Eero Hietanen
(7) Homologation inspector: Juha Torvikoski
(8) Name of course: Rovaniemi RedBlue 7.5 km year 2023 (3+5)
(9) Competition level for course: COC

Course length:	7,485m	Height difference (HD):	89m	Lowest point:	71m
Course category:	C	Maximum climb (MC):	39m	Highest point:	160m
		Total climb (TC):	294m		



A-climb B-climb C-climb descent undulated terrain



FIS Office

Lamplot, Michal
FIS International Ski and
Snowboard Federation
Blochstrasse 2 / Postfach
CH - 3653 Oberhofen

FIS Stamp



FIS Homologation
Responsible

Braam, Jonas

Date of Issue

13.07.2023
Valid until
30.06.2028

(10) Overview of the uphill:

	No.	PTC	% of TC
- major climbs	3	111	37.8
- shorter climbs	9	138	46.9
- steep climbs	8	9	3.1
- descents	11	0	0.0
- undulated terrain	20	40	13.6

(11) Stadium area:

		Indoor working room:	
Fixed stadium area	yes	Timekeeping	yes
Fixed building	yes	Announcer	yes
Temporary stadium	no	Jury	yes
Temporary building	no	Race office	yes
Good infrastructure (access, parking, media, etc.)	yes		
Skitesting area along course/near stadium	yes		
Warm up track near the stadium	yes		

(12) Category for the stadium and course layout:

	Interval	Sprint	Skiathlon	Relay	Mass start
Stadium suitable for following competition formats	yes	yes	yes	yes	yes
Course suitable for following competition formats with					
a) Classical technique	yes		yes	yes	yes
b) Free technique	yes			yes	
Course suitable for relay and skiathlon competition					
a) On same course					
b) Combined on different courses (C+D or D+D)					

(13) Possibility of snow making:

Yes

(14) Map Material:

Very good

(15) Source of accurate elevation data:

GPS measurement

(16) Safety considerations:

The course is safe. Downhills are fast.

(17) General remarks:

This course will be used for the first time in the NC 30 km competition in year 2024.

(18) Date of first inspection: 2023/4/14

(19) Date of final inspection: 2023/7/10

(20) Summary of terrain characteristics

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)	
A-climb	1	1,375	39	39	3.2 - 22.8	9.9	C at 1,634m, PTC: 9m, 22.0%
	2	3,294	35	35	6.2 - 29.0	14.5	C at 3,347m, PTC: 9m, 20.9%
	3	5,583	37	37	7.2 - 23.5	14.9	C at 5,652m, PTC: 7m, 20.6%
							C at 5,802m, PTC: 4m, 22.2%
	total			111		37.8%	part of TC
B-climb	1	312	22	22	4.1 - 14.5	8.6	
	2	680	11	11	5.1 - 15.9	7.8	
	3	2,541	10	10	9.2 - 30.3	14.7	
	4	2,690	17	17	2.7 - 25.2	10.8	C at 2,806m, PTC: 6m, 20.0%
	5	2,964	11	11	13.1 - 20.7	15.5	
	6	3,982	17	18	-4.9 - 24.9	7.1	
	7	5,004	14	14	6.5 - 26.5	15.2	C at 5,020m, PTC: 9m, 20.0%
	8	5,353	10	10	5.7 - 17.3	13.9	
	9	6,422	25	25	5.7 - 18.5	12.3	
	total			138		46.9%	part of TC
C-climb	1	2,594	4	4	25.3 - 30.3	26.7	
	2	7,005	5	5	16.6 - 24.6	20.8	
	total			9		3.1%	part of TC
undulated terrain	total			40		13.6%	part of TC
	total climb			294			