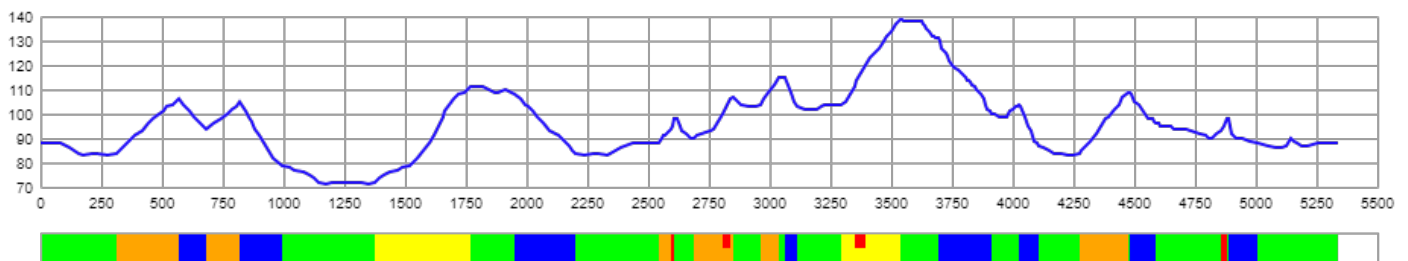




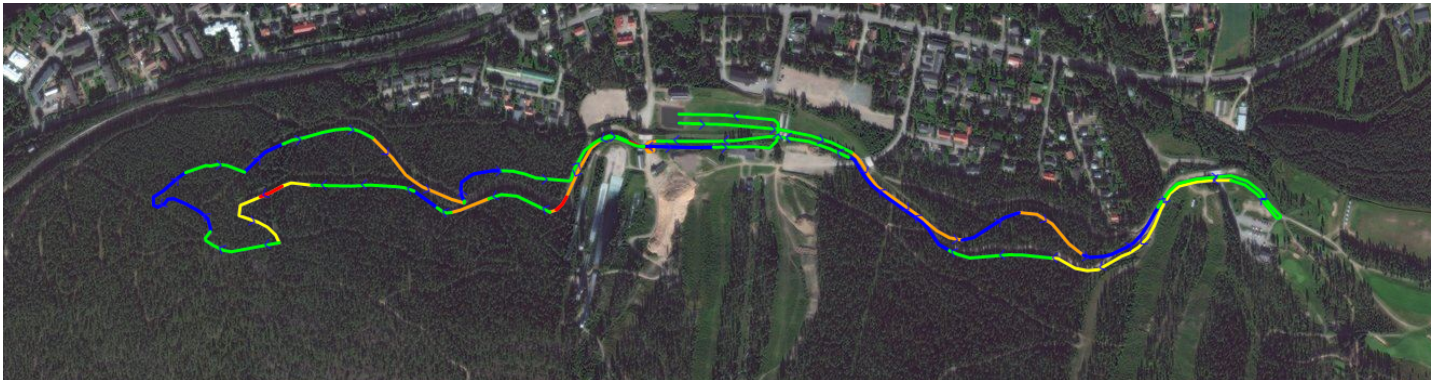
CERTIFICATE
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE
FIS CROSS-COUNTRY COMMITTEE

(1) Registration number:	20/61.11/5.0
(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 5 km B (3+3)
(9) Competition level for course	COC

Course length:	5,335m	Height difference (HD):	68m	Lowest point:	71m
Course category:	C	Maximum climb (MC):	39m	Highest point:	139m
		Total climb (TC):	203m		



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



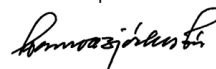
FIS Office


Mignerey, Pierre
FIS International Ski Federation
Blochstrasse 2 / Postfach
CH - 3653 Oberhofen

FIS Stamp



FIS Homologation
Responsible



Bjørkestøl, Hermod

Date of Issue

15.09.2020

Valid until

30.06.2025

(10) Overview of the uphill:

	No.	PTC	% of TC
- major climbs	2	74	36.5
- shorter climbs	6	96	47.3
- steep climbs	4	9	4.4
- descents	8	0	0.0
- undulated terrain	30	56	27.6

(11) Stadium area:

Fixed stadium area	yes	Indoor working room:	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			
Skiteasting area along course/near stadium	yes			
Warm up track near the stadium	yes			

(12) Category for the stadium and course layout:

Stadium suitable for following competition formats	Interval	Sprint	Skiathlon	Relay	Mass start
Course suitable for following competition formats with	yes	yes	yes	yes	yes
a) Classical technique	yes		yes	yes	yes
b) Free technique	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:

(18) Date of first inspection: 2019/3/6

(19) Date of final inspection: 2020/6/25

(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	
	2	3,295	35	35	6.2 - 29.0	14.5	C at 3,348m, PTC: 9m, 20.9%
	total			74		36.5%	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 - 37.9	14.7	
	4	2,690	17	17	2.7 - 25.2	10.8	C at 2,807m, PTC: 6m, 20.0%
	5	2,964	11	11	13.1 - 20.7	15.5	
	6	4,272	25	25	5.7 - 18.5	12.3	
	total			96		47.3%	part of TC
C-climb 	1	2,595	4	4	15.1 - 37.9	26.7	
	2	4,855	5	5	16.6 - 24.6	20.8	
	total			9		4.4%	part of TC
undulated terrain 	total			56		27.6%	part of TC
	total climb			203			