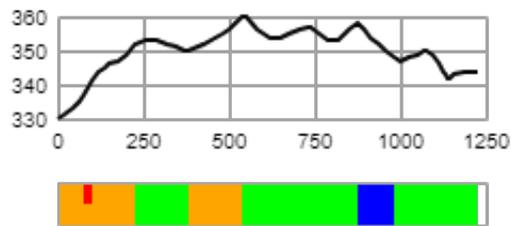




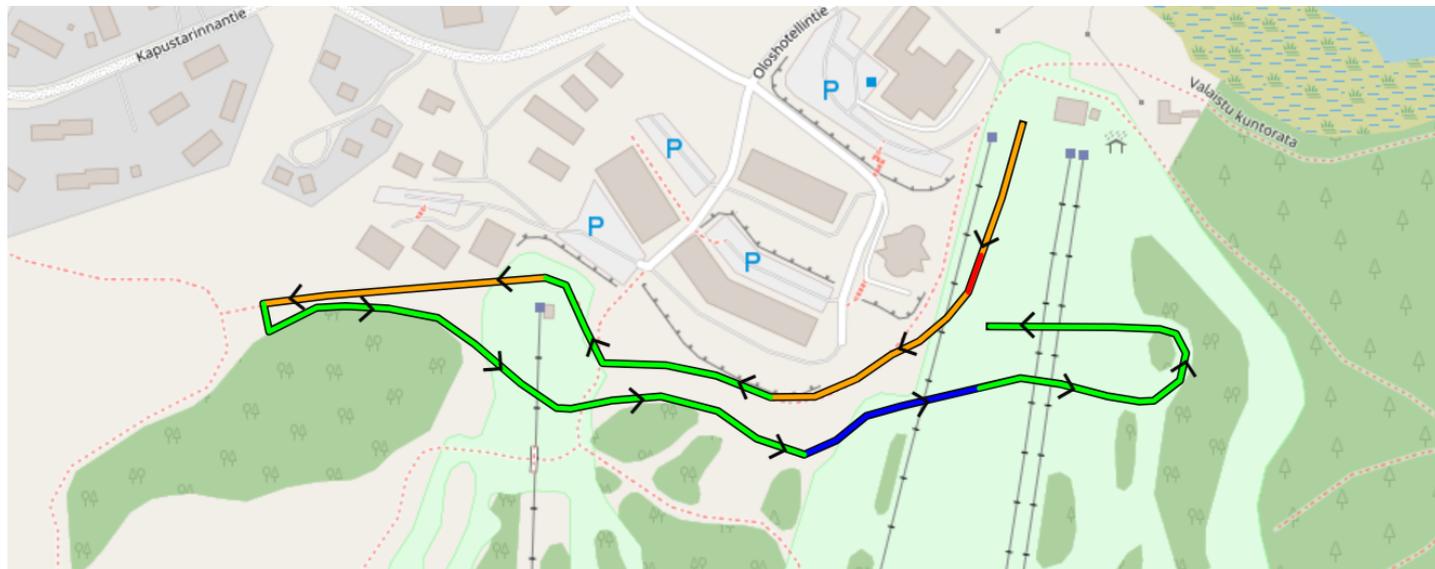
CERTIFICATE  
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE  
FIS CROSS-COUNTRY COMMITTEE

(1) Registration number:	24/133.01/1.2
(2) Name of the competition site:	Olos
(3) Name of city/region:	Muonio
(4) Organizer:	Muonion Kiri
(5) National ski association:	Finnish Ski Association
(6) Contact person in the organizing committee:	Kari Vuopio
(7) Homologation inspector:	Juha Torvikoski
(8) Name of course:	Olos 1.2 km
(9) Competition level for course:	COC

Course length:	1,226m	Height difference (HD):	30m	Lowest point:	330m
Course category:	C	Maximum climb (MC):	22m	Highest point:	360m
		Total climb (TC):	46m		



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



FIS Office

Rosa, Anna  
Rules and Control SC Chair

FIS Stamp



FIS Homologation  
Responsible

Braam, Jonas

Date of Issue

03.09.2024

Valid until

30.06.2029

(10) Overview of the uphill:

	No.	PTC	% of TC
- shorter climbs	2	32	69.6
- steep climbs	1	0	0.0
- descents	1	0	0.0
- undulated terrain	3	14	30.4

(11) Stadium area:

		Indoor working room:	
Fixed stadium area	no	Timekeeping	yes
Fixed building	no	Announcer	yes
Temporary stadium	yes	Jury	yes
Temporary building	yes	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
Course suitable for following competition formats with					
a) Classical technique		yes			
b) Free technique					
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:

The course maps are good.

(15) Source of accurate elevation data:

GPS measurement

(16) Safety considerations:

The course is safe.

(17) General remarks:

This course is almost the same as the course 19/33.01/1.4

(18) Date of first inspection: 2024/6/18

(19) Date of final inspection: 2024/6/20

(20) Summary of terrain characteristics

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)	
A-climb	total			0			0.0% part of TC
B-climb	1	0	22	22	4.3 - 18.4	9.7	C at 76m, PTC: 4m, 18.2%
	2	380	10	10	4.3 - 11.2	6.4	
	total			32			
C-climb	total			0			0.0% part of TC
undulated terrain	total			14			30.4% part of TC
	total climb			46			