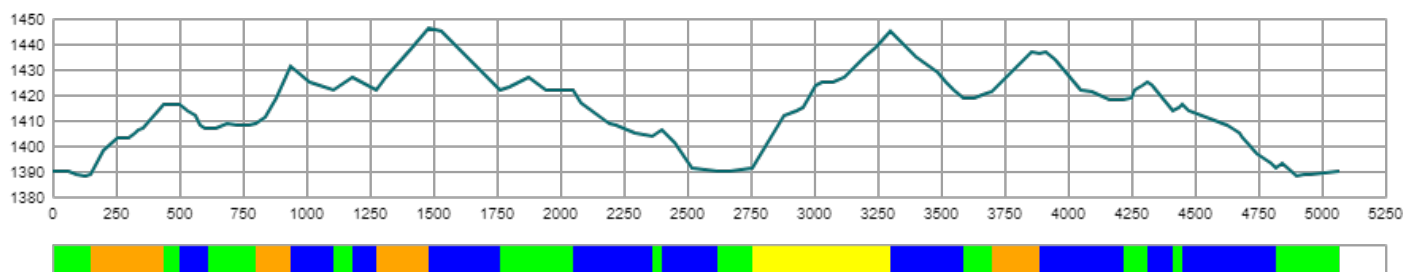


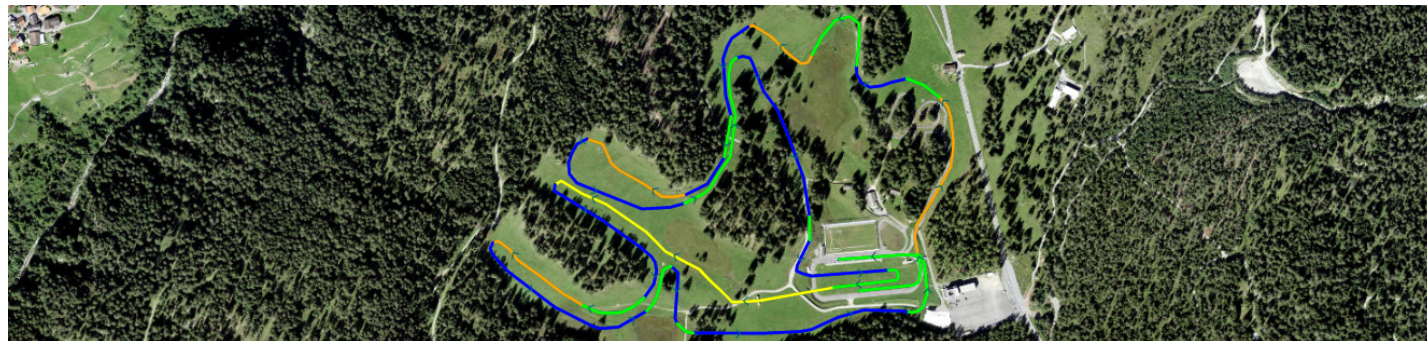
CERTIFICATE OF FIS HOMOLOGATED CROSS-COUNTRY COURSE FIS CROSS-COUNTRY COMMITTEE

(1) Registration number:	WC21/53.01/5.0
(2) Name of the competition site:	Biathlon Arena Lenzerheide
(3) Name of city/region:	Lenzerheide
(4) Organizer:	Verein Tour de Ski Lenzerheide
(5) National ski association:	SUI
(6) Contact person in the organizing committee:	Urs Baselgia (SUI)
(7) Homologation inspector:	Uroš Ponikvar (SLO)
(8) Name of course:	5,00 km
(9) Competition level for course	WC

Course length:	5,071m	Height difference (HD):	58m	Lowest point:	1,388m
Course category:	D	Maximum climb (MC):	54m	Highest point:	1,446m
		Total climb (TC):	176m		



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



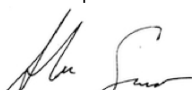
FIS Office


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

FIS Stamp



FIS Homologation
Responsible


 Allan Serrano

Date of Issue
 28.10.2021
 Valid until
 30.06.2026

(10) Overview of the uphill:

	No.	PTC	% of TC
- major climbs	1	54	30.7
- shorter climbs	4	89	50.6
- descents	10	1	0.6
- undulated terrain	11	32	18.2

(11) Stadium area:

Fixed stadium area	yes	Indoor working room:	
Fixed building	yes	Timekeeping	yes
Temporary stadium	no	Announcer	yes
Temporary building	no	Jury	yes
Good infrastructure (access, parking, media, etc.)	yes	Race office	yes
Skiteasting 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
Course suitable for following competition formats with					
a) Classical technique	yes			yes	yes
b) Free technique	yes			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:

Very good

(14) Map Material:

Poor

(15) Source of accurate elevation data:

Swiss Altimetry

(16) Safety considerations:

None

(17) General remarks:

The course length of full lap is 5.71 m, but that includes start (150 m, first lap) and finish (137 m, last lap) that are used once per race only.

10 km course will be 9,9 m long, 15 km course will be 14,4 km long and 30 km will be 28,7 km long.

(18) Date of first inspection: 2017/10/8

(19) Date of final inspection: 2019/12/13

(20) Summary of terrain characteristics

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)	
A-climb	1	2,755	54	54	4.2 - 17.8	9.9	
	total			54			30.7% part of TC
B-climb	1	150	27	27	5.6 - 18.1	9.4	
	2	798	22	22	5.4 - 20.4	15.7	
	3	1,272	24	24	10.8 - 12.5	11.5	
	4	3,700	15	16	-3.0 - 10.2	7.9	
	total			89			50.6% part of TC
C-climb	total			0			0.0% part of TC
undulated terrain	total			32			18.2% part of TC
	total climb			176			