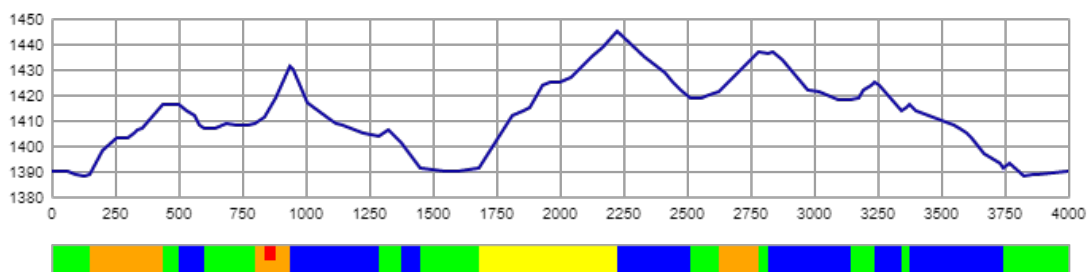




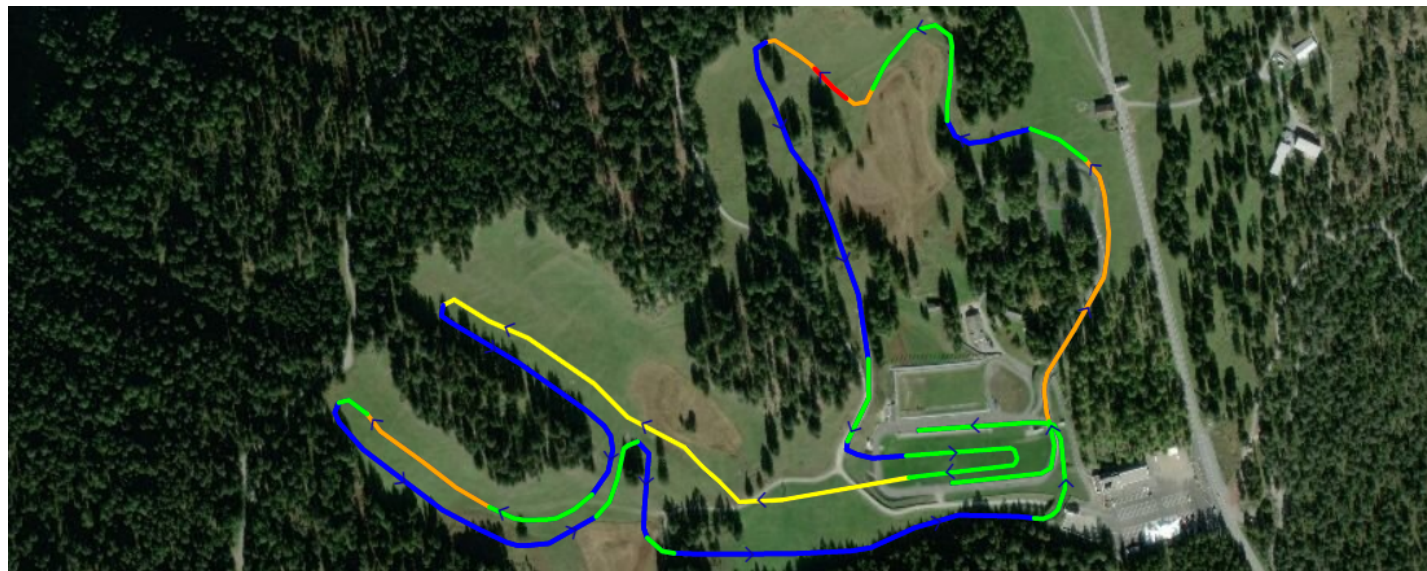
CERTIFICATE
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE
FIS CROSS-COUNTRY COMMITTEE

(1) Registration number:	WC19/140.03/3.75
(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:	3.75 km
(9) Competition level for course:	WC

Course length:	3,997m	Height difference (HD):	57m	Lowest point:	1,388m
Course category:	D	Maximum climb (MC):	54m	Highest point:	1,445m
		Total climb (TC):	142m		



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



FIS Office

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Blochstrasse 2 / Postfach
CH - 3653 Oberhofen

FIS Stamp



FIS Homologation
Responsible

Vodrazka, Jakub

Date of Issue

17.12.2019

Valid until

30.06.2024

(10) Overview of the uphill:

	No.	PTC	% of TC
- major climbs	1	54	38.0
- shorter climbs	3	65	45.8
- steep climbs	1	0	0.0
- descents	7	1	0.7
- undulated terrain	10	22	15.5

(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			
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
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:

Swis altimetry

(16) Safety considerations:

None

(17) General remarks:

The course length of full lap is 3.997 m, but that includes start (150 m, first lap) and finish (137 m, last lap) that are used once per race only.

15 km course will be 15.127 m long and 30 km will be 29.967 m 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	1,681	54	54	4.2 - 17.8	9.9	
	total			54			38.0% 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	C at 836m, PTC: 8m, 18.2%
	3	2,625	16	16	10.2 - 10.2	10.2	
	total			65			45.8% part of TC
C-climb	total			0			0.0% part of TC
undulated terrain	total			22			15.5% part of TC
	total climb			142			