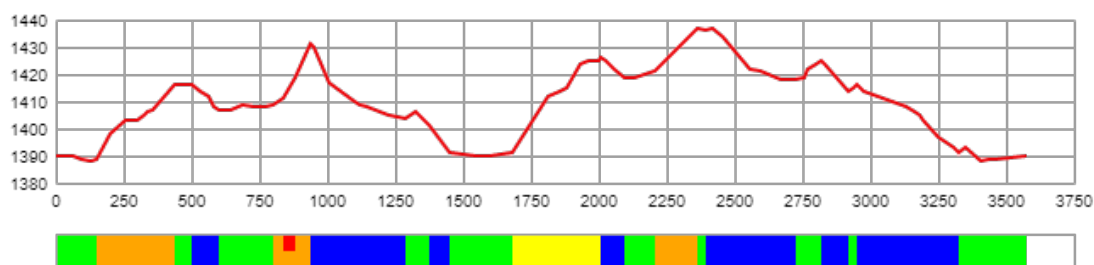




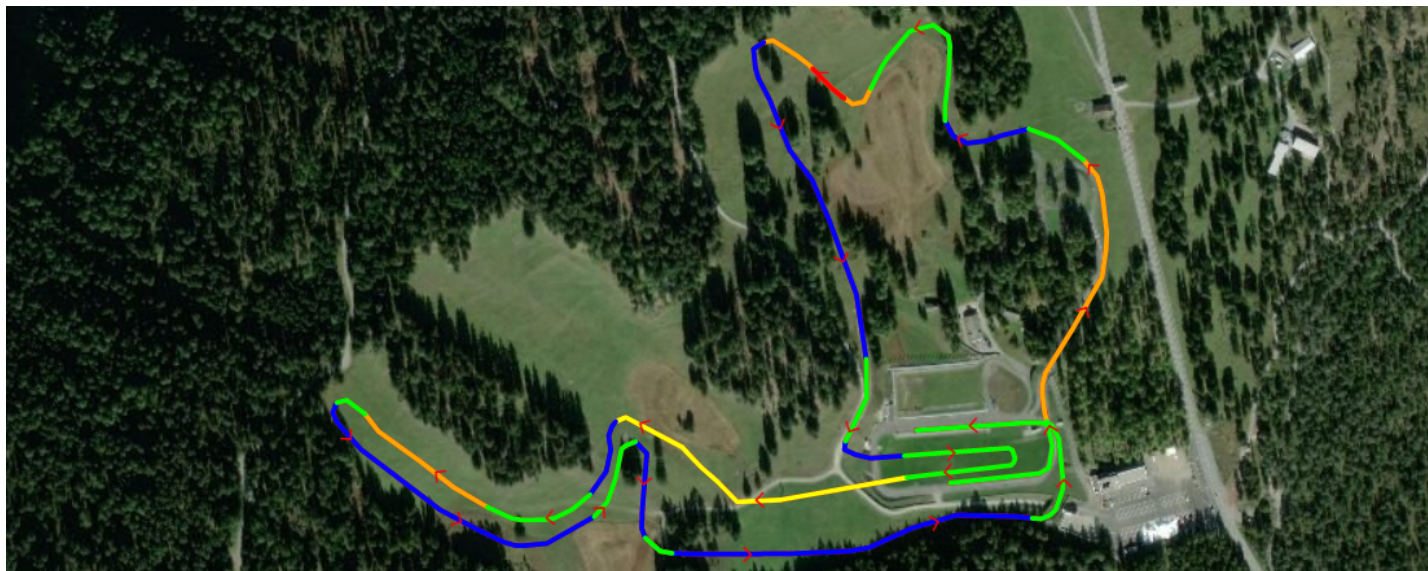
CERTIFICATE  
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE  
FIS CROSS-COUNTRY COMMITTEE

(1) Registration number: WC19/140.02/3.3  
(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: 3.33 km  
(9) Competition level for course: WC

Course length:	3,576m	Height difference (HD):	49m	Lowest point:	1,388m
Course category:	D	Maximum climb (MC):	35m	Highest point:	1,437m
		Total climb (TC):	123m		



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



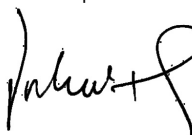
FIS Office

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

FIS Stamp



FIS Homologation  
Responsible

  
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	35	28.5
- shorter climbs	3	65	52.8
- steep climbs	1	0	0.0
- descents	7	1	0.8
- undulated terrain	10	22	17.9

## (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:

	Interval	Sprint	Skiathlon	Relay	Mass start
Stadium suitable for following competition formats	yes			yes	yes
Course suitable for following competition formats with					
a) Classsical 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 is 3.576 m long, 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 10.154 m long and 30 km will be 29.888 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	35	35	9.1 - 17.8	10.7	
	total			35			28.5% 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	2,205	16	16	10.2 - 10.2	10.2	
	total			65			52.8% part of TC
C-climb	total			0			0.0% part of TC
undulated terrain	total			22			17.9% part of TC
	total climb			123			