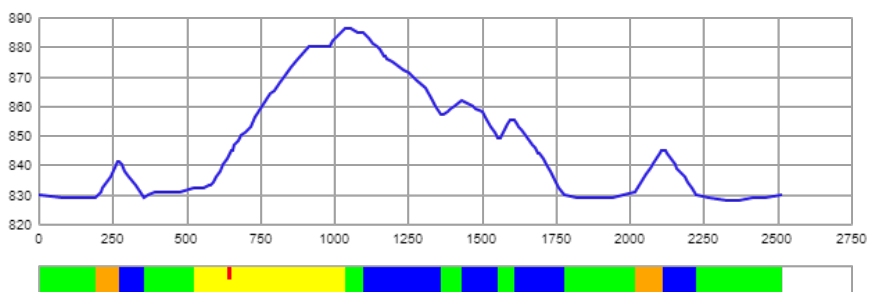




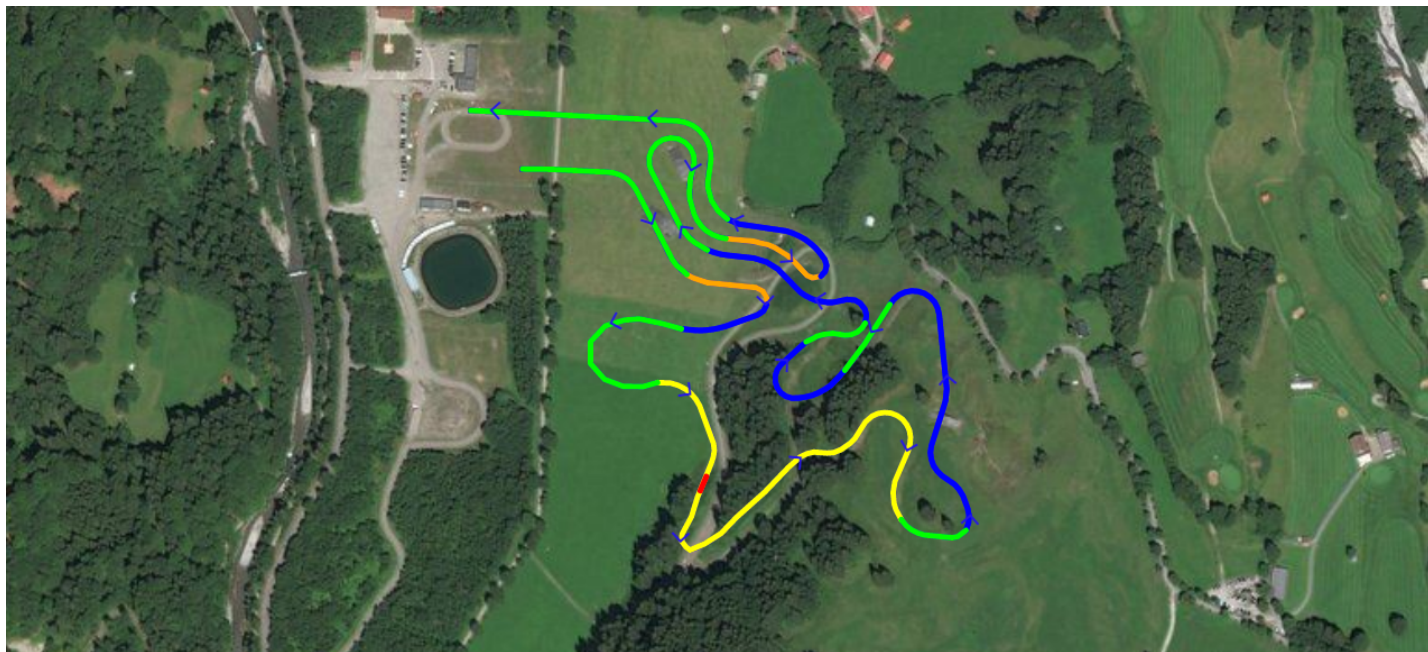
**CERTIFICATE  
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE  
FIS CROSS-COUNTRY COMMITTEE**

(1) Registration number:	<b>WC19/125.03/2.5</b>
(2) Name of the competition site:	Cross Country Center Ried
(3) Name of city/region:	Oberstdorf / Allgau
(4) Organizer:	Skisprung- und Veranstaltungen GmbH, Oberstdorf
(5) National ski association:	German Ski Federation / Deutscher Ski-Verband
(6) Contact person in the organizing committee:	Florian Stern / Fidel Joas
(7) Homologation inspector:	John Aalberg
(8) Name of course:	2.5 km blue
(9) Competition level for course	WC

Course length:	2,516m	Height difference (HD):	58m	Lowest point:	828m
Course category:	D	Maximum climb (MC):	54m	Highest point:	886m
		Total climb (TC):	98m		



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

02.12.2019

Valid until

30.06.2024

## (10) Overview of the uphill:

	No.	PTC	% of TC
- major climbs	1	54	55.1
- shorter climbs	2	26	26.5
- steep climbs	1	0	0.0
- descents	5	0	0.0
- undulated terrain	7	18	18.4

## (11) Stadium area:

Fixed stadium area	yes
Fixed building	yes
Temporary stadium	no
Temporary building	no
Good infrastructure (access, parking, media, etc.)	yes
Skitesting area along course/near stadium	yes
Warm up track near the stadium	yes

## Indoor working room:

Timekeeping	yes
Announcer	yes
Jury	yes
Race office	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	yes
Course suitable for following competition formats with					
a) Classical technique	yes		yes	yes	yes
b) Free technique	yes		yes	yes	yes
Course suitable for relay and skiathlon competition					
a) On same course					
b) Combined on different courses (C+D or D+D)			yes		

## (13) Possibility of snow making:

A new system around the whole course system has been installed

## (14) Map Material:

Good

## (15) Source of accurate elevation data:

Accurate municipal elevation model and data

## (16) Safety considerations:

None, other than standard fences around tunnel openings

## (17) General remarks:

New courses for the 2021 Nordic World Ski Championship

## (18) Date of first inspection: 2019/10/20

## (19) Date of final inspection: 2019/10/21

## (20) Summary of terrain characteristics

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)	
A-climb	1	528	54	54	10.0 - 16.2	10.6	C at 638m, PTC: 3m, 23.1%
	total			54			55.1% part of TC
B-climb	1	192	12	12	0.0 - 19.8	14.8	
	2	2,021	14	14	0.0 - 18.3	14.9	
	total			26			26.5% part of TC
C-climb	total			0			0.0% part of TC
undulated terrain	total			18			18.4% part of TC
	total climb			98			