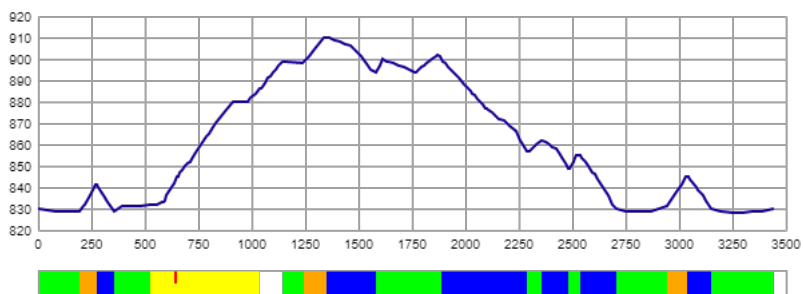




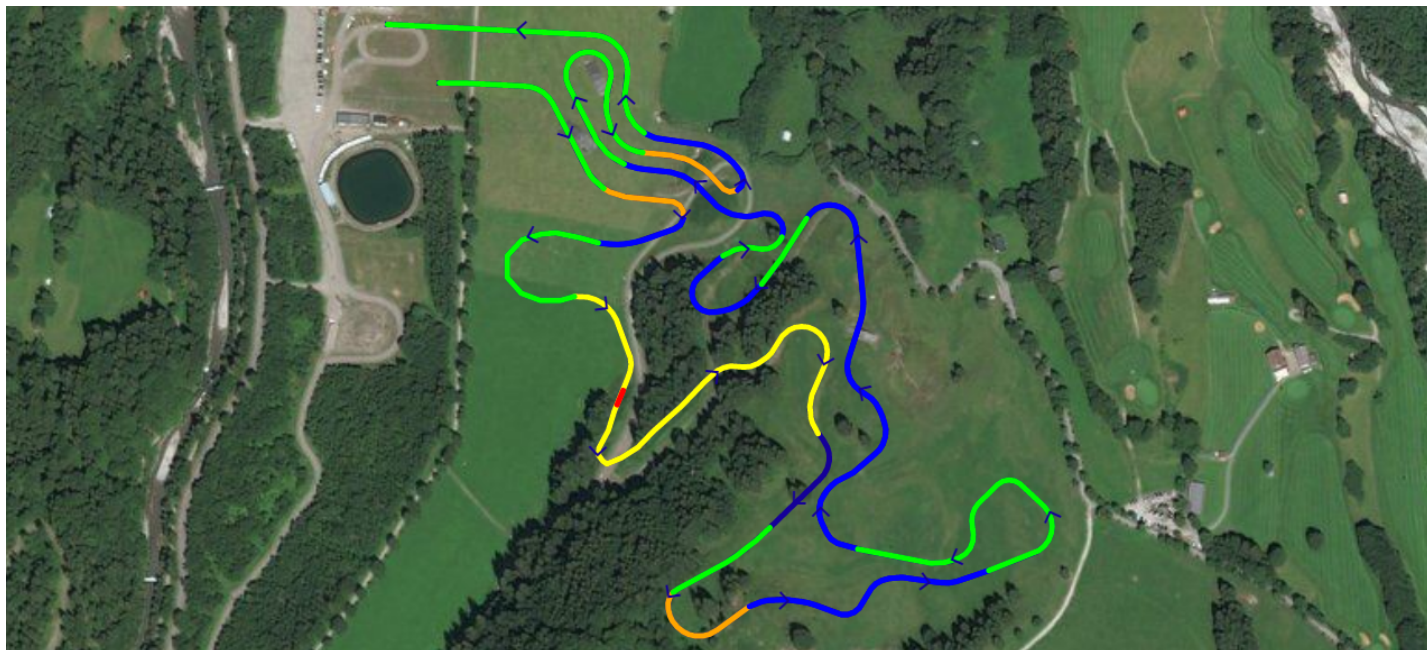
**CERTIFICATE  
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE  
FIS CROSS-COUNTRY COMMITTEE**

(1) Registration number:	<b>WC19/125.06/3.3</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:	3.3 km blue
(9) Competition level for course	WC

Course length:	3,441m	Height difference (HD):	82m	Lowest point:	828m
Course category:	D	Maximum climb (MC):	67m	Highest point:	910m
		Total climb (TC):	137m		



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



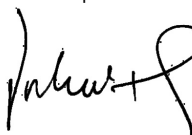
FIS Office

  
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	39.4
- shorter climbs	3	37	27.0
- steep climbs	1	0	0.0
- descents	6	0	0.0
- undulated terrain	8	33	24.1

## (11) Stadium area:

		Indoor working room:	
Fixed stadium area	yes	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	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 <span style="color: yellow;">■</span>	1	528	54	54	10.0 - 16.2	10.6	C at 638m, PTC: 3m, 23.1%
	total			54			
B-climb <span style="color: orange;">■</span>	1	192	12	12	0.0 - 19.8	14.8	
	2	1,244	11	11	0.0 - 13.0	10.3	
	3	2,946	14	14	0.0 - 18.3	14.9	
	total			37			27.0% part of TC
C-climb <span style="color: red;">■</span>	total			0			0.0% part of TC
undulated terrain <span style="color: green;">■</span>	total			33			24.1% part of TC
	total climb			137			