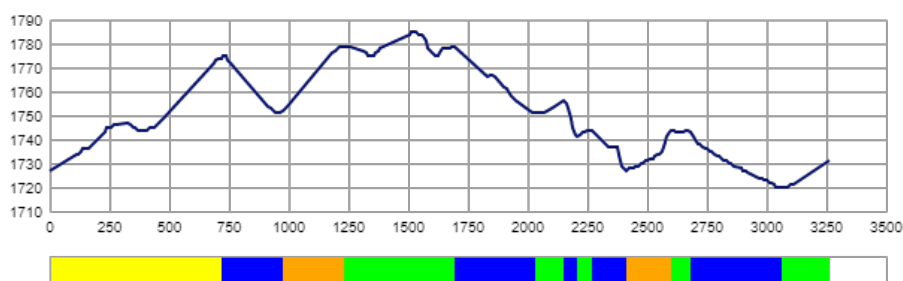


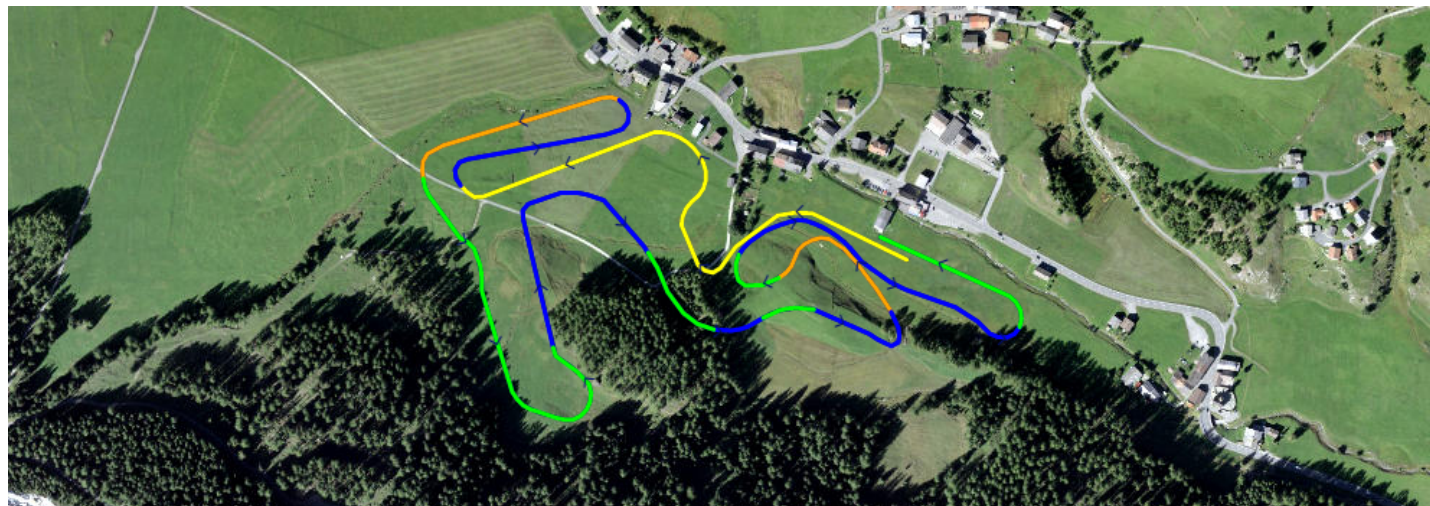
# CERTIFICATE OF FIS HOMOLOGATED CROSS-COUNTRY COURSE FIS CROSS-COUNTRY COMMITTEE

(1) Registration number: (2) Name of the competition site: (3) Name of city/region: (4) Organizer: (5) National ski association: (6) Contact person in the organizing committee: (7) Homologation inspector: (8) Name of course: (9) Competition level for course	<b>WC22/63.01/3.3</b> Val Müstair Val Müstair Verein Tour de Ski Val Müstair SUI Guido Mittner Uroš Ponikvar (SLO) Va Mustair 3.3 km WC
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Course length:	3,261m	Height difference (HD):	65m	Lowest point:	1,720m
Course category:	D	Maximum climb (MC):	50m	Highest point:	1,785m
		Total climb (TC):	131m		



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



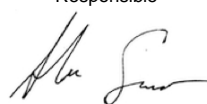
FIS Office

  
 Lamplot, Michal  
 FIS International Ski and  
 Snowboard Federation  
 Blochstrasse 2 / Postfach  
 CH - 3653 Oberhofen

FIS Stamp



FIS Homologation  
Responsible

  
 Allan Serrano

Date of Issue  
 08.11.2022  
 Valid until  
 30.06.2027

(10) Overview of the uphill:

	No.	PTC	% of TC
- major climbs	1	50	38.2
- shorter climbs	2	44	33.6
- descents	5	3	2.3
- undulated terrain	6	34	26.0

(11) Stadium area:

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

Yes

(14) Map Material:

Sufficient

(15) Source of accurate elevation data:

Professional Service

(16) Safety considerations:

Very important how to prepare downhill from km 2.1 to km 2.3.

(17) General remarks:

(18) Date of first inspection: 2016/8/15

(19) Date of final inspection: 2022/11/6

(20) Summary of terrain characteristics

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)	
A-climb	1	0	47	50	-10.0 - 20.0	6.6	
	total			50			38.2% part of TC
B-climb	1	975	27	27	0.0 - 11.6	10.4	
	2	2,412	17	17	10.0 - 40.2	8.9	
	total			44			33.6% part of TC
C-climb	total			0			0.0% part of TC
undulated terrain	total			34			26.0% part of TC
	total climb			131			