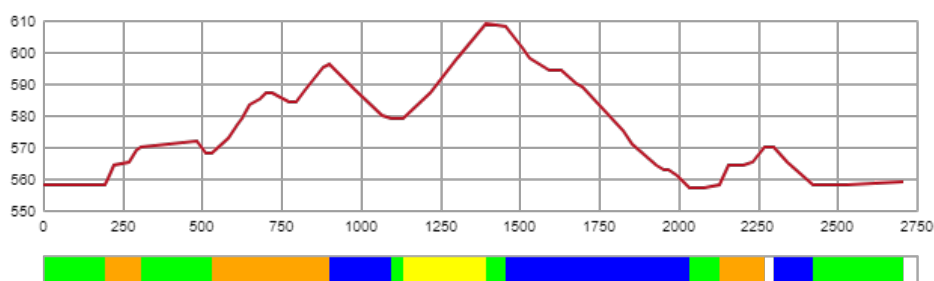


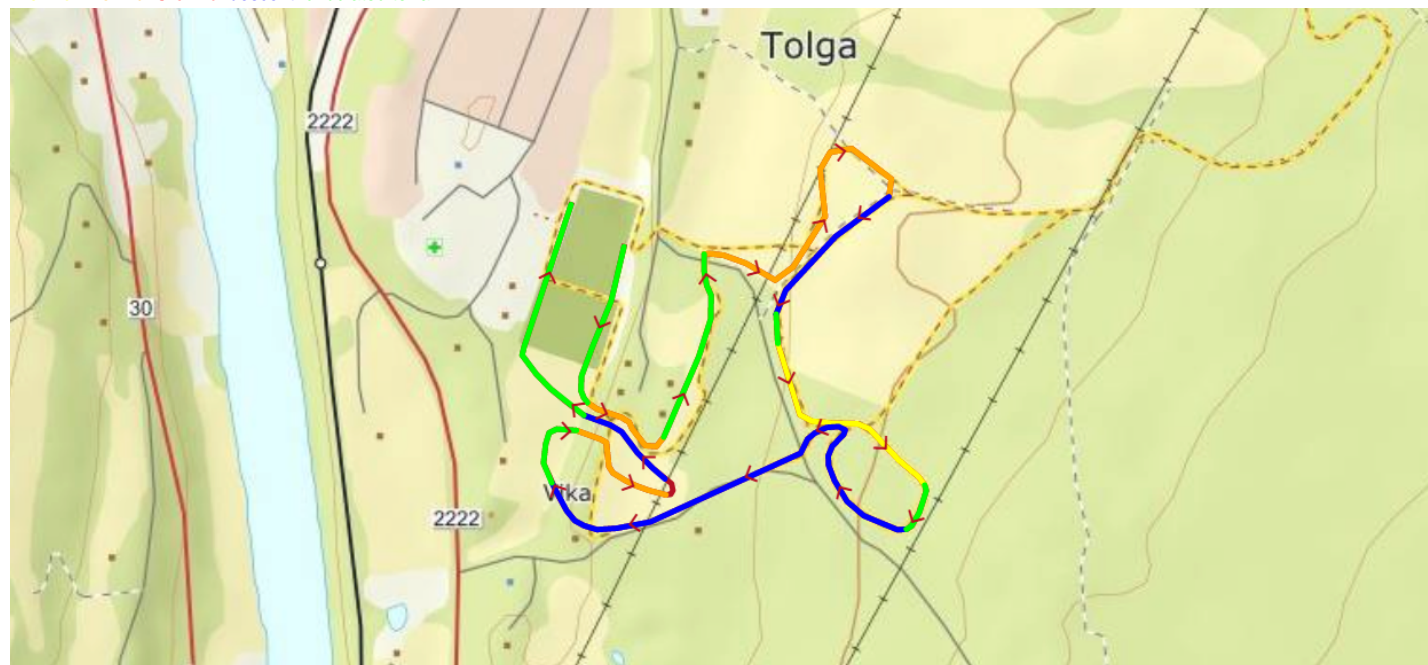
CERTIFICATE OF FIS HOMOLOGATED CROSS-COUNTRY COURSE FIS CROSS-COUNTRY COMMITTEE

(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	20/16.04/2.5 Tolga Tolga/Hedmark Skikrets Tolga Idrettslag Norwegian Ski Federation Paul Brennmoen John Aalberg 2,5 km COC
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Course length:	2,710m	Height difference (HD):	52m	Lowest point:	557m
Course category:	D	Maximum climb (MC):	31m	Highest point:	609m
		Total climb (TC):	89m		



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



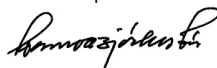
FIS Office


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

FIS Stamp



FIS Homologation
Responsible


 Bjørkestøl, Hermod

Date of Issue
 09.04.2020
 Valid until
 30.06.2025

(10) Overview of the uphill:

	No.	PTC	% of TC
- major climbs	1	30	33.7
- shorter climbs	3	55	61.8
- descents	3	0	0.0
- undulated terrain	6	4	4.5

(11) Stadium area:

Fixed stadium area	yes
Fixed building	yes
Temporary stadium	no
Temporary building	no
Good infrastructure (access, parking, media, etc.)	yes
Skiteasting 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) Classssical technique	yes		yes	yes	yes
b) Free technique	yes		yes	yes	yes
Course suitable for relay and skiathlon competition					
a) On same course			yes		
b) Combined on different courses (C+D or D+D)					

(13) Possibility of snow making:

No, but can bring in snow from local ski jump venue

(14) Map Material:

Good

(15) Source of accurate elevation data:

Norwegian Government maps plus GPS measurements

(16) Safety considerations:

Corner at bottom of long downhill 700 meter before finish should be fenced on left hand side

(17) General remarks:

Long parts of course are on open fields, and width of course is flexible

(18) Date of first inspection: 2020/3/10

(19) Date of final inspection: 2020/3/10

(20) Summary of terrain characteristics

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)	
A-climb	1	1,131	30	30	9.2 - 12.9	11.3	
	total			30			33.7% part of TC
B-climb	1	193	12	12	2.1 - 24.8	10.4	
	2	533	28	31	-5.5 - 17.1	7.6	
	3	2,128	12	12	3.3 - 19.9	8.4	
	total			55			61.8% part of TC
C-climb	total			0			0.0% part of TC
undulated terrain	total			4			4.5% part of TC
	total climb			89			