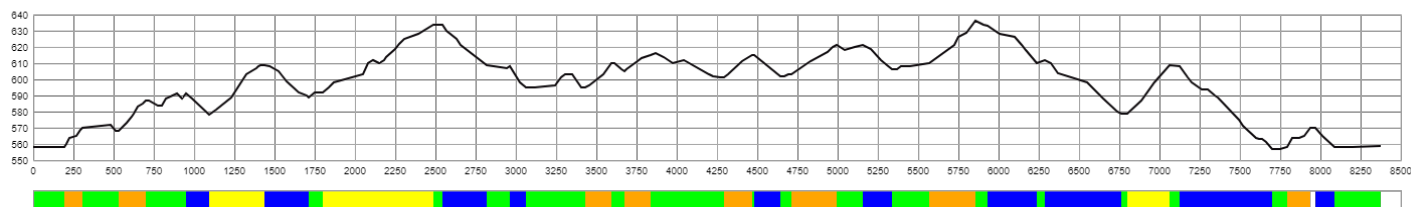




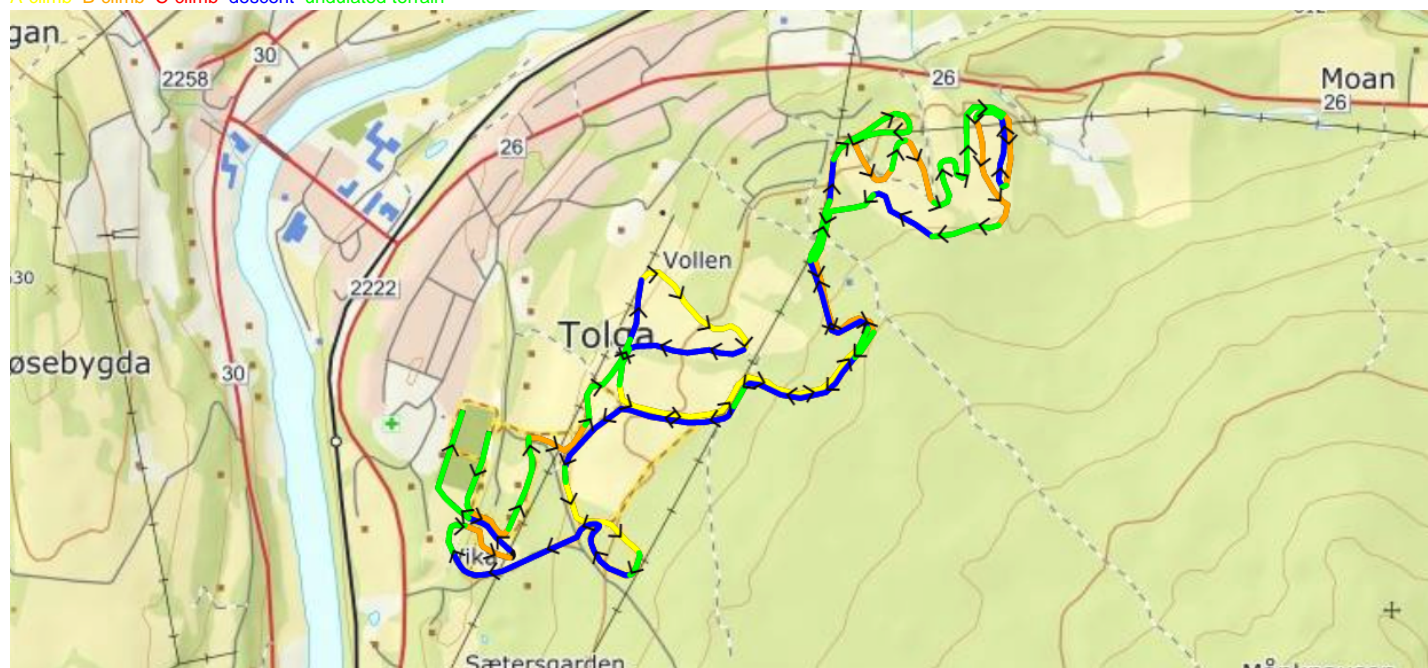
CERTIFICATE
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE
FIS CROSS-COUNTRY COMMITTEE

(1) Registration number:	20/16.08/8.3
(2) Name of the competition site:	Tolga
(3) Name of city/region:	Tolga/Hedmark Skikrets
(4) Organizer:	Tolga Idrettslag
(5) National ski association:	Norwegian Ski Federation
(6) Contact person in the organizing committee:	Paul Brennmoen
(7) Homologation inspector:	John Aalberg
(8) Name of course:	8,3 km
(9) Competition level for course	COC

Course length:	8,377m	Height difference (HD):	79m	Lowest point:	557m
Course category:	D	Maximum climb (MC):	44m	Highest point:	636m
		Total climb (TC):	270m		



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	3	105	38.9
- shorter climbs	8	126	46.7
- descents	10	0	0.0
- undulated terrain	19	39	14.4

(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		
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	yes	yes
Course suitable for following competition formats with					
a) Classsical 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:

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	1,091	31	31	0.0 - 14.9	8.9	
	2	1,803	42	44	-5.2 - 23.6	6.1	
	3	6,799	30	30	9.2 - 12.9	11.3	
	total			105		38.9%	part of TC
B-climb 	1	193	12	12	2.1 - 24.8	10.4	
	2	533	19	19	6.3 - 17.1	11.2	
	3	3,434	15	15	5.0 - 15.0	9.5	
	4	3,672	10	10	3.7 - 7.5	6.1	
	5	4,297	14	14	6.5 - 10.0	8.1	
	6	4,714	18	18	3.6 - 11.6	6.4	
	7	5,568	26	26	6.1 - 17.4	9.0	
	8	7,796	12	12	3.3 - 19.9	8.4	
	total			126		46.7%	part of TC
C-climb 	total			0		0.0%	part of TC
undulated terrain 	total			39		14.4%	part of TC
	total climb			270			