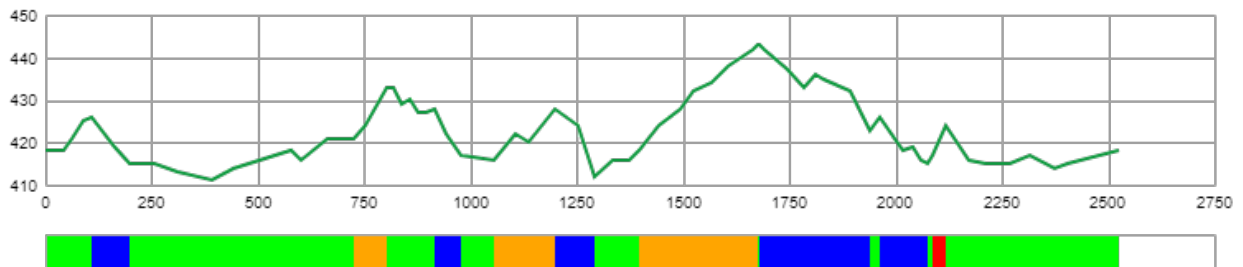




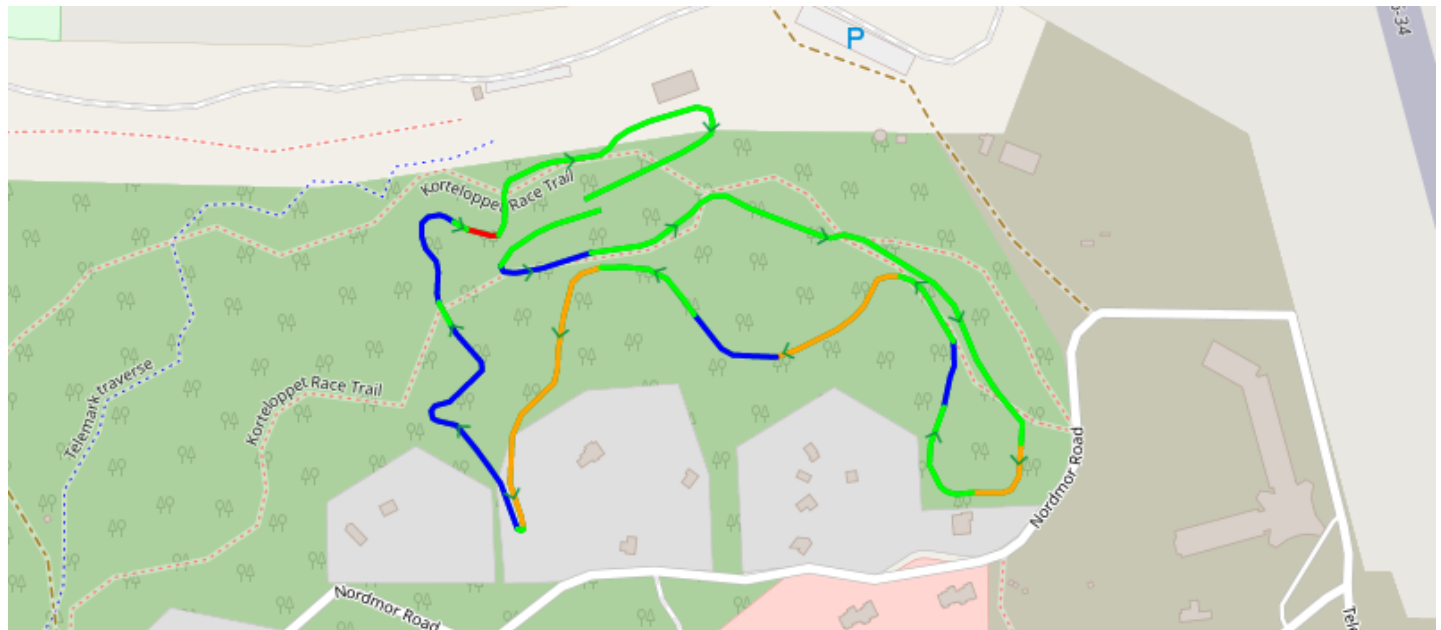
**CERTIFICATE
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE
FIS CROSS-COUNTRY COMMITTEE**

(1) Registration number:	21/65.03/2.5
(2) Name of the competition site:	Mount Telemark Village
(3) Name of city/region:	Cable, WI
(4) Organizer:	American Birkebeiner Ski Foundation
(5) National ski association:	U.S. Ski & Snowboard
(6) Contact person in the organizing committee:	Jim Sokup
(7) Homologation inspector:	Gary Larson
(8) Name of course:	Treland 2.5
(9) Competition level for course:	COC

Course length:	2,525m	Height difference (HD):	32m	Lowest point:	411m
Course category:	D	Maximum climb (MC):	25m	Highest point:	443m
		Total climb (TC):	101m		



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



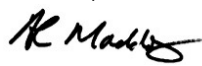
FIS Office


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

FIS Stamp



FIS Homologation
Responsible


Maddox, Al

Date of Issue
24.11.2021
Valid until
30.06.2026

(10) Overview of the uphill:

	No.	PTC	% of TC
- shorter climbs	3	51	50.5
- steep climbs	1	7	6.9
- descents	5	4	4.0
- undulated terrain	9	39	38.6

(11) Stadium area:

		Indoor working room:	
Fixed stadium area	yes	Timekeeping	yes
Fixed building	no	Announcer	yes
Temporary stadium	no	Jury	yes
Temporary building	yes	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
Course suitable for following competition formats with					
a) Classical technique	yes			yes	yes
b) Free technique	yes			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, on entire course. Stockpiling and pushing is necessary to cover some portions of course.

(14) Map Material:

Excellent

(15) Source of accurate elevation data:

Bayfield County LIDAR download. Imported as DEM.

(16) Safety considerations:

None

(17) General remarks:

Courses almost entirely wooded, protected from the wind. It is mandatory that steep climbs at 43m and 295m be re-contoured in the future to reduce the transition abruptness and percent grade. Snowmaking must be used to adjust profiles of these two climbs until work is completed. A short narrow section of 7m on climb between 1685m and 1727m. The width cannot be greater due to side-slope and land ownership limitations. Unnatural rollers on downhill corner added at 1894m are not suitable for competition. Snowmaking must be used to blend these rollers for competition or to be removed. A few trees at 1831m are marked to be cut.

(18) Date of first inspection: 2021/9/8

(19) Date of final inspection: 2021/10/10

(20) Summary of terrain characteristics

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)	
A-climb	1			0			0.0% part of TC
B-climb	1	724	12	12	9.8 - 17.9	14.8	
	2	1,057	12	14	-6.0 - 12.9	8.4	
	3	1,398	25	25	4.7 - 13.7	9.0	
	total			51			50.5% part of TC
C-climb	1	2,088	7	7	23.1 - 23.1	23.3	
	total			7			6.9% part of TC
undulated terrain	total			39			38.6% part of TC
	total climb			101			