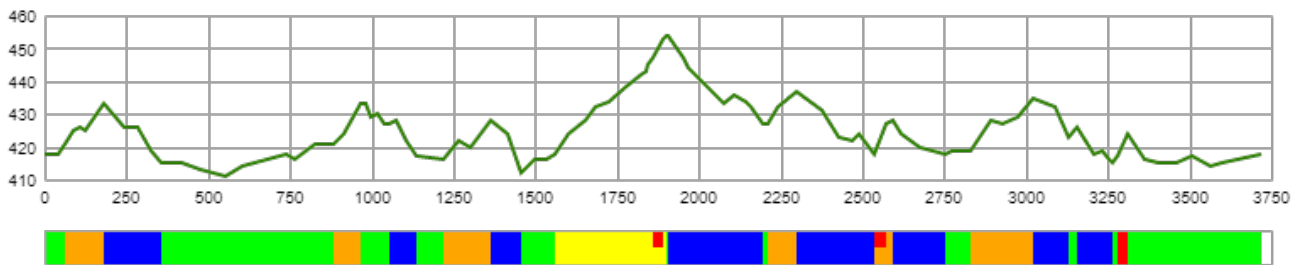




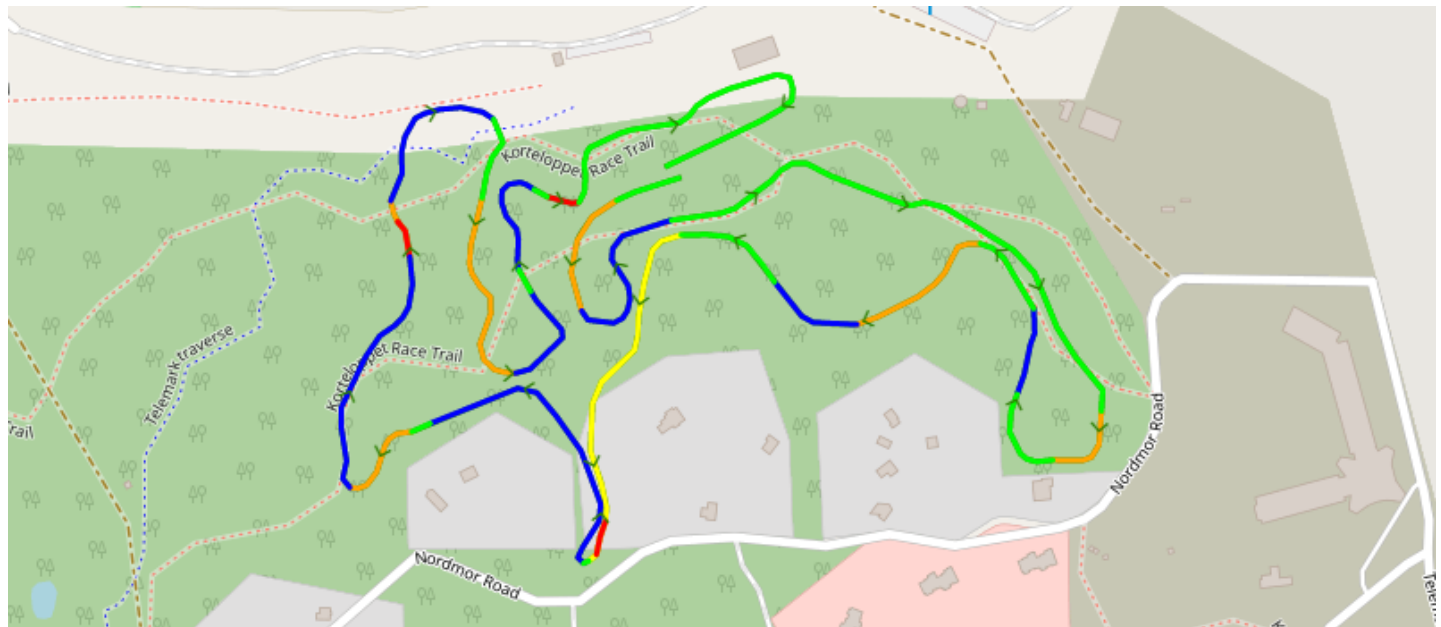
**CERTIFICATE  
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE  
FIS CROSS-COUNTRY COMMITTEE**

(1) Registration number:	<b>21/65.05/3.75</b>
(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:	Lindskoog 3.75
(9) Competition level for course	COC

Course length:	3,718m	Height difference (HD):	43m	Lowest point:	411m
Course category:	D	Maximum climb (MC):	36m	Highest point:	454m
		Total climb (TC):	160m		



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
- major climbs	1	36	22.5
- shorter climbs	6	76	47.5
- steep climbs	3	7	4.4
- descents	8	7	4.4
- undulated terrain	11	34	21.3

## (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 3267m 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 corners added at 325m and 3086m are not suitable for competition. Snowmaking must be used to blend these rollers for competition or to be removed. A few trees at 3023m are marked to be cut. TC is at the higher end at 160m.

## (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 <span style="color: yellow;">■</span>	1	1,559	36	36	4.7 - 19.7	10.5	C at 1,860m, PTC: 6m, 18.8%
	total			36			
B-climb <span style="color: orange;">■</span>	1	61	12	13	-5.8 - 14.6	10.0	
	2	885	12	12	9.8 - 17.9	14.8	
	3	1,218	12	14	-6.0 - 12.9	8.4	
	4	2,213	10	10	8.8 - 16.6	11.5	
	5	2,538	10	10	5.0 - 25.3	17.9	C at 2,538m, PTC: 9m, 25.0%
	6	2,830	16	17	-2.7 - 14.5	8.3	
	total			76			47.5% part of TC
C-climb <span style="color: red;">■</span>	1	3,280	7	7	23.1 - 23.1	23.3	
	total			7			4.4% part of TC
undulated terrain <span style="color: green;">■</span>	total			34			21.3% part of TC
	total climb			160			