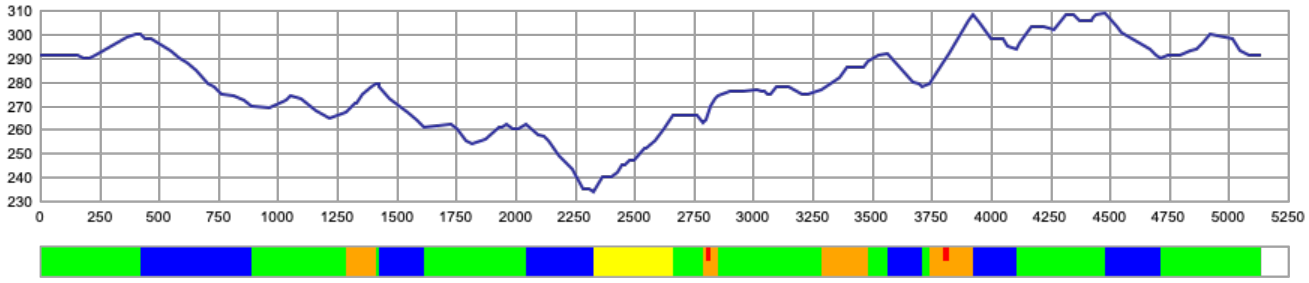
CERTIFICATE
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE
FIS CROSS-COUNTRY COMMITTEE

(1) Registration number:	24/143.05/5.1
(2) Name of the competition site:	Black Mountain of Maine
(3) Name of city/region:	Rumford, ME
(4) Organizer:	Chisholm Ski Club
(5) National ski association:	United States Ski & Snowboard
(6) Contact person in the organizing committee:	Dan Warner
(7) Homologation inspector:	Fred Bailey
(8) Name of course:	Ray's 5km
(9) Competition level for course	COC

Course length:	5,138m	Height difference (HD):	75m	Lowest point:	234m
Course category:	D	Maximum climb (MC):	32m	Highest point:	309m
		Total climb (TC):	164m		



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

FIS Office

Rosa, Anna
Rules and Control SC Chair

FIS Stamp

FIS Homologation Responsible

Serrano, Allan

Date of Issue
09.10.2024
Valid until
30.06.2029

(10) Overview of the uphills:

	No.	PTC	% of TC
- major climbs	1	32	19.5
- shorter climbs	4	64	39.0
- steep climbs	2	0	0.0
- descents	6	0	0.0
- undulated terrain	10	68	41.5

(11) Stadium area:

Fixed stadium area	yes
Fixed building	yes
Temporary stadium	no
Temporary building	no
Good infrastructure (access, parking, media, etc.)	yes
Skitesting 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
Course suitable for following competition formats with					
a) Classsical 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:

Capacity to cover stadium and 1.2km course. Remainder of course could be covered by trucked or pushed snow. Early 2000s snowmaking system largely removed. Snowmaking depot within 100m of the bottom of the snowmaking pond.

(14) Map Material:

Excellent

(15) Source of accurate elevation data:

U.S. Geological Survey, 20170410, USGS NED one meter x37y494 ME Western 2016 IMG 2017

(16) Safety considerations:

Large drop-off by big culvert near low point, ~30m safety netting is recommended on the outside of the turn

(17) General remarks:

It is not advised to use this course on the same weekend as the 2.5, 3.3 or 3.75km courses as there would be sections of two way traffic during official training.

(18) Date of first inspection: 2023/9/3

(19) Date of final inspection: 2023/9/3

(20) Summary of terrain characteristics

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)		
A-climb	1	2,330	32	32	7.7 - 15.9	9.5		
	total			32			19.5%	part of TC
B-climb	1	1,290	12	12	0.0 - 14.7	9.9		
	2	2,789	11	11	8.9 - 26.3	17.2	C at 2,801m, PTC: 6m, 26.1%	
	3	3,292	12	12	16.1 - 16.1	6.2		
	4	3,745	29	29	8.6 - 20.4	15.7	C at 3,803m, PTC: 4m, 20.0%	
	total			64			39.0%	part of TC
C-climb	total			0			0.0%	part of TC
undulated terrain	total			68			41.5%	part of TC
	total climb			164				