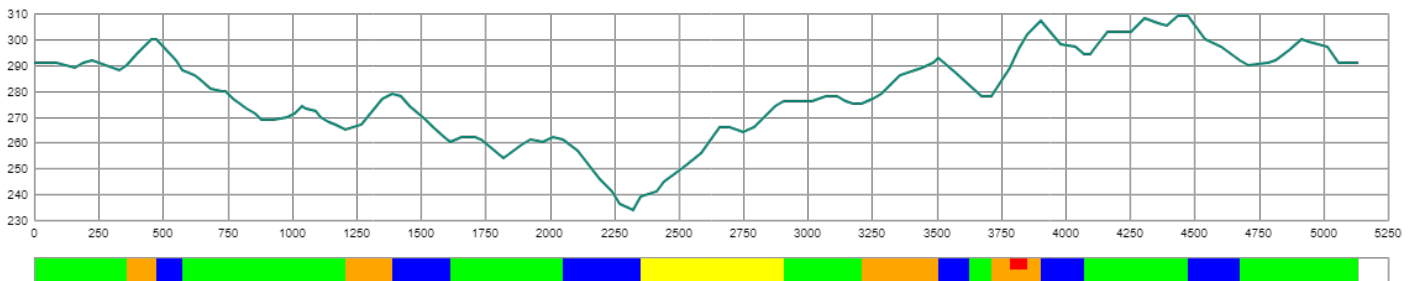




**CERTIFICATE
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE
FIS CROSS-COUNTRY COMMITTEE**

| | |
|---|-------------------------------|
| (1) Registration number: | 18/18.01/5.0 |
| (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: | Paul Jones |
| (7) Homologation inspector: | Allan Serrano |
| (8) Name of course: | Ray's 5 km |
| (9) Competition level for course | COC |

| | | | | | |
|------------------|--------|-------------------------|------|----------------|------|
| Course length: | 5,138m | Height difference (HD): | 75m | Lowest point: | 234m |
| Course category: | D | Maximum climb (MC): | 39m | Highest point: | 309m |
| | | Total climb (TC): | 166m | | |



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



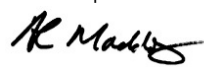
FIS Office


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

FIS Stamp



FIS Homologation
Responsible


Maddox, AI

Date of Issue
30.05.2018
Valid until
30.06.2023

(10) Overview of the uphill:

| | No. | PTC | % of TC |
|---------------------|-----|-----|---------|
| - major climbs | 1 | 39 | 23.5 |
| - shorter climbs | 4 | 71 | 42.8 |
| - steep climbs | 1 | 0 | 0.0 |
| - descents | 6 | 5 | 3.0 |
| - undulated terrain | 7 | 51 | 30.7 |

(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 | | |
| 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 |
| 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:

Multiple snow making depots. Capacity to cover stadium and most of the course.

(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:

None

(17) General remarks:

New elevation data has shown that the climb, know as "High School Hill", which has been classified in the past as an A climb, only has 29 m of PHD and is now classified as a B climb. It should be a goal of future development to change the route of this climb, lengthening the route to lower the average slope.

(18) Date of first inspection: 2016/5/27

(19) Date of final inspection: 2016/5/27

(20) Summary of terrain characteristics

| | # | at m | PHD (m) | PTC (m) | grad. (%) | avg. grad.(%) | |
|--|-------------|-------|---------|---------|-------------|---------------|------------------------------|
| A-climb ■ | 1 | 2,353 | 37 | 39 | -3.8 - 15.8 | 6.7 | |
| | total | | | 39 | | | 23.5% part of TC |
| B-climb ■ | 1 | 360 | 10 | 10 | 0.0 - 10.3 | 8.8 | |
| | 2 | 1,209 | 14 | 14 | 5.1 - 12.4 | 7.8 | |
| | 3 | 3,212 | 18 | 18 | - | 6.1 | |
| | 4 | 3,713 | 29 | 29 | 9.7 - 20.4 | 15.2 | C at 3,786m, PTC: 13m, 19.4% |
| | total | | | 71 | | | 42.8% part of TC |
| C-climb ■ | total | | | 0 | | | 0.0% part of TC |
| undulated terrain ■ | total | | | 51 | | | 30.7% part of TC |
| | total climb | | | 166 | | | |