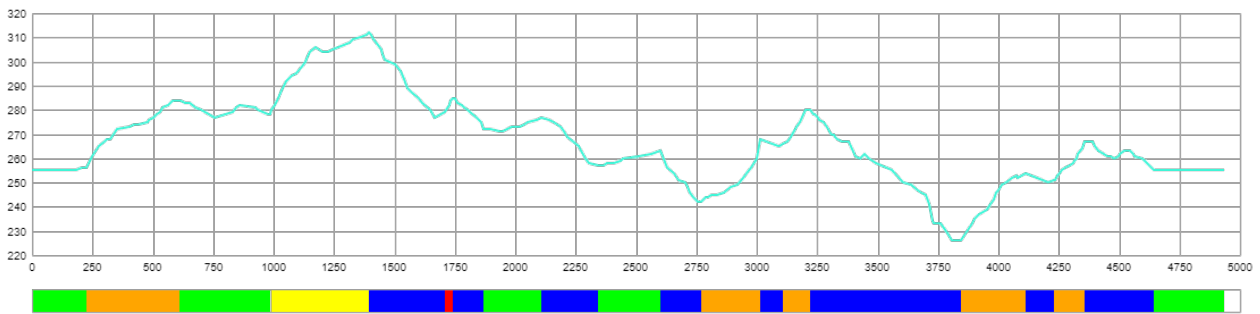




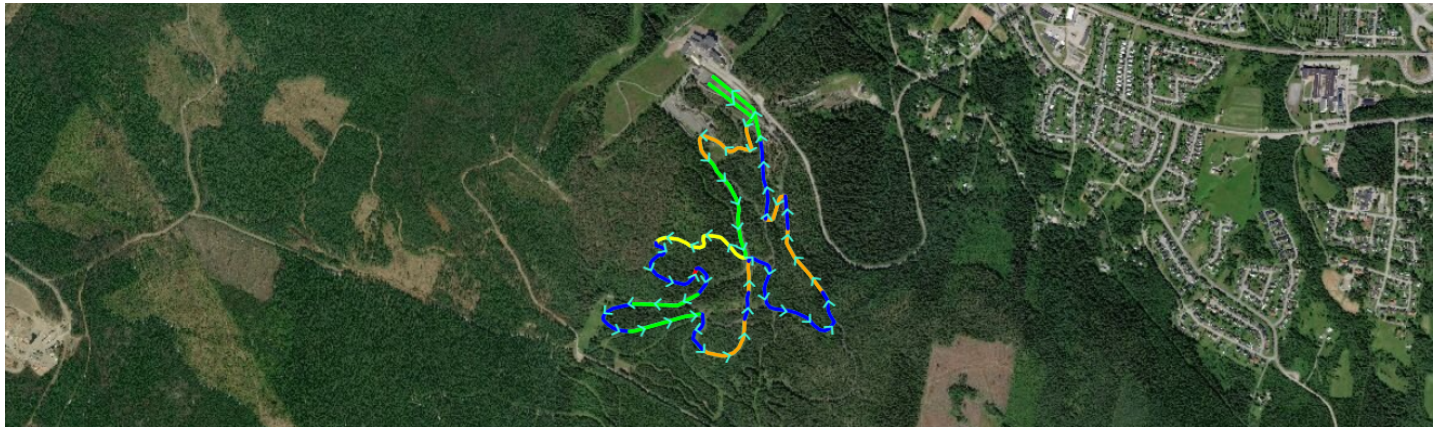
**CERTIFICATE  
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE  
FIS CROSS-COUNTRY COMMITTEE**

- |   |                         |
|---|-------------------------|
| (1) Registration number:                        |                         |
| (2) Name of the competition site:               | Hallstaberget           |
| (3) Name of city/region:                        | Sollefteå               |
| (4) Organizer:                                  | Sollefteå SK            |
| (5) National ski association:                   | Swedish Ski Association |
| (6) Contact person in the organizing committee: | Mia Karlsson            |
| (7) Homologation inspector:                     | Henrik Ilhamn           |
| (8) Name of course:                             | Sollefteå 5,0           |
| (9) Competition level for course:               | COC                     |

Course length:	4,936m	Height difference (HD):	86m	Lowest point:	226m
Course category:	D	Maximum climb (MC):	34m	Highest point:	312m
		Total climb (TC):	182m		



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



FIS Office

FIS Stamp

FIS Homologation  
Responsible

Date of Issue

Valid until

## (10) Overview of the uphill:

	No.	PTC	% of TC
- major climbs	1	34	18.7
- shorter climbs	5	113	62.1
- steep climbs	1	6	3.3
- descents	9	9	4.9
- undulated terrain	5	18	9.9

## (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	yes
Course suitable for following competition formats with					
a) Classical technique	yes	yes	yes	yes	yes
b) Free technique	yes	yes	yes	yes	yes
Course suitable for relay and skiathlon competition					
a) On same course					
b) Combined on different courses (C+D or D+D)			yes		

## (13) Possibility of snow making:

Yes

## (14) Map Material:

Good

## (15) Source of accurate elevation data:

Maps, gps and data from the real estate division in Sweden

## (16) Safety considerations:

Good

## (17) General remarks:

Good

## (18) Date of first inspection: 2018/9/12

## (19) Date of final inspection: 2020/8/20

## (20) Summary of terrain characteristics

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)	
A-climb <span style="color: yellow;">■</span>	1	992	32	34	-7.9 - 21.7	8.0	
	total			34			18.7% part of TC
B-climb <span style="color: orange;">■</span>	1	224	28	28	0.0 - 21.7	7.2	
	2	2,770	26	26	3.2 - 57.7	10.7	
	3	3,110	14	14	0.0 - 19.6	12.6	
	4	3,846	28	29	-18.5 - 28.8	10.4	
	5	4,230	16	16	4.8 - 31.8	12.3	
	total			113			62.1% part of TC
C-climb <span style="color: red;">■</span>	1	1,709	6	6	12.1 - 35.5	17.6	
	total			6			3.3% part of TC
undulated terrain <span style="color: green;">■</span>	total			18			9.9% part of TC
	total climb			182			