



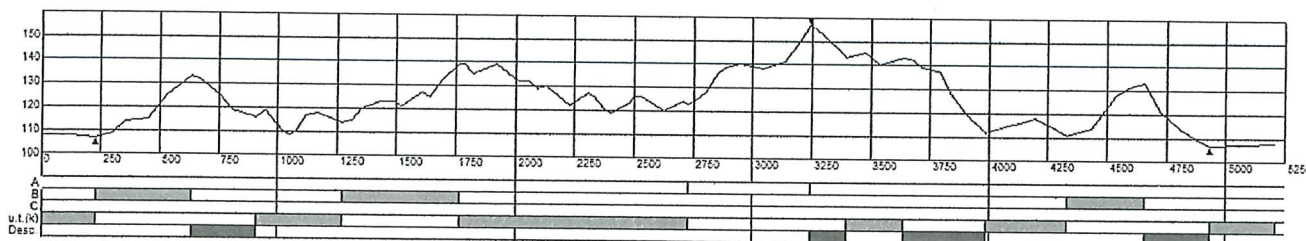
CERTIFICATE

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

F I S

- (1) Registration Number: 15/04.09/05
(2) Location of the competition site: Bestemorenga, Bodø
(3) Organizer: Bodø kommune, Postboks 319, Bodø
(4) National Ski Association: Norwegian Ski Federation
(5) Contact person in the organizing committee: Bjørn Godal
(6) Homologation inspector: Hermod Bjørkestøl
(7) Name of course: Bestemorenga 5 km
(8) Description of course:

Course length:	5210 m	Height Difference (HD):	50 m	Lowest point:	107 m
Category	D	Maximum Climb (MC):	36 m	Highest point	157 m
Competition Level:	COC	Total Climb (TC):	158 m		



FIS Office
p.o. *P. Mignerey*
Pierre Mignerey

FIS Stamp
Internat. Ski Verband FIS
Blochstrasse 2 / Postfach
CH-3653 Oberhofen

FIS Homologation Responsible

Hermod Bjørkestøl
Hermod Bjørkestøl

Date of Issue
14.01.2015
Valid until
30.06.2020



FIS CROSS COUNTRY COMMITTEE

Subcommittee for Rules and Control



DOCUMENTATION OF HOMOLOGATED CROSS COUNTRY COURSES

- (1) Registration Number:
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- (9) Overview of the uphill

- major uphill
- shorter uphill
- undulated terrain

No.	PTC	% of TC
1	36	22.78
3	77	48.73
u.t.	45	28.48

- (10) Stadium area

- | | | | |
|---|-------------------------------------|-------------------------|-------------------------------------|
| - fixed stadium..... | <input checked="" type="checkbox"/> | indoor working room for | |
| - fixed building..... | <input checked="" type="checkbox"/> | - timekeeping..... | <input checked="" type="checkbox"/> |
| - temporary stadium..... | <input type="checkbox"/> | - calculation..... | <input checked="" type="checkbox"/> |
| - temporary building..... | <input type="checkbox"/> | - announcer..... | <input checked="" type="checkbox"/> |
| - good infrastructure (access, parking, media, etc.)..... | <input checked="" type="checkbox"/> | - media..... | <input checked="" type="checkbox"/> |
| - skitesting area near the stadium..... | <input checked="" type="checkbox"/> | - jury..... | <input checked="" type="checkbox"/> |
| - warm up track near the stadium..... | <input checked="" type="checkbox"/> | - others..... | <input checked="" type="checkbox"/> |

- (11) Category for the stadium and course layout

Stadium: suitable for following starting procedures

Individual ☒ Sprint ☒ Pursuit ☒ Relay ☒ Masstart ☒

Course: suitable for following competition formats with

a) classical technique

☒ ☐ ☐ ☒ ☒

b) free technique

☒ ☐ ☐ ☒ ☒

suitable for mixed relay and pursuit competition

a) on the same course.....

☐

b) combined with a separat course.....

☐

Category: D

- (12) Possibility of snow making

Stadium area..... ☒ Course..... ☒

- (13) Substitute course available..... ☐

- (14) Map material in accordance to art 313.4.3 ICR

very good..... ☐ sufficient..... ☒

- (15) Date of the final inspection:

- (16) Closing of the homologation procedure:

- (17) Date of the FIS-License:

Data of the course profile



		Data	Remarks of the inspector					
Name of the course		Bestemorenga 5 km						
Competition distance		5210 m						
Number and length of the laps								
Height difference (HD)		50 m						
Maximum climb (MC)		36 m						
Total climb (TC)		158 m						
Lowest point		107 m						
Highest point		157 m						
A		at m	PHD	PTC	gradient	average gradient	Remarks of the inspector	
major uphill with: and Ø 6.00 - 12.00% gradient in accordance to ICR 313.1	1.	2728	34	36	2.27-20.37	6.59		
total							22.78% part of TC	
B		1.	231	26	26	1.03-12.50	6.47	
shorter uphill with: 10 m - 29 m MP and Ø <18.00% gradient in accordance to ICR 313.1	2.	1273	25	29	2.63-14.00	5.09		
	3.	4331	22	22	2.00-13.46	6.73		
total							48.73% part of TC	
C								
steep uphill with Dist. <= 30 m and Ø > 18.00% gradient in accordance to ICR 313.1								
undulated terrain			45					
total			45				28.48% part of TC	
total climb						100.00	0	