



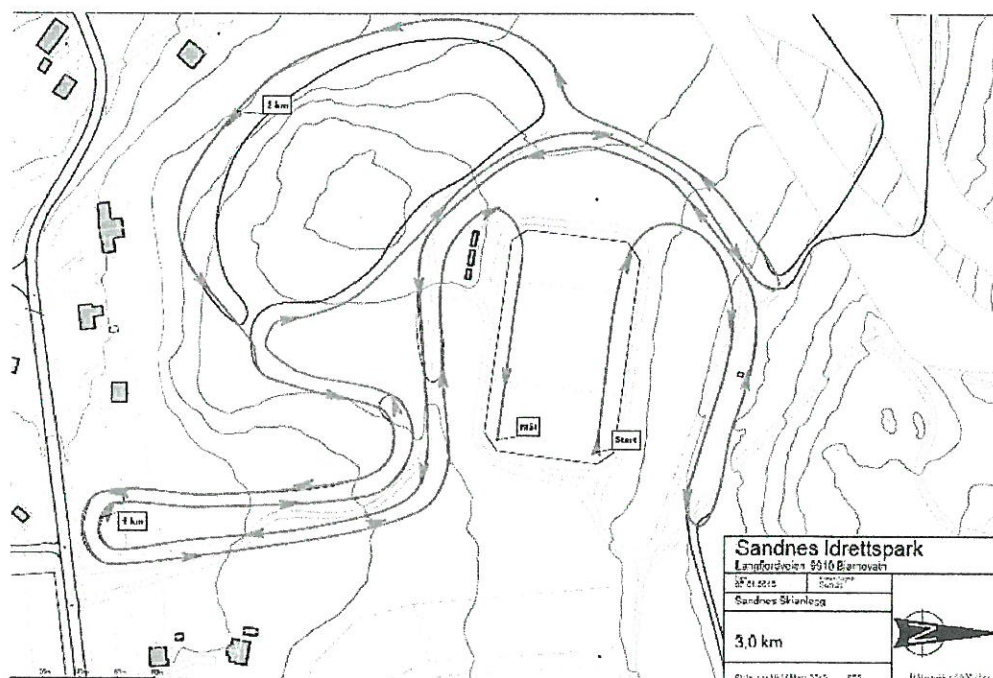
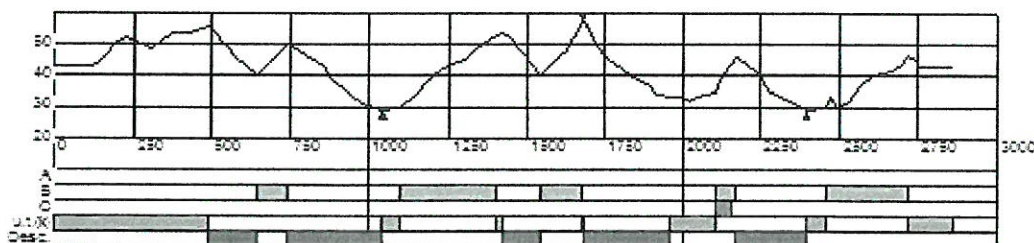
# CERTIFICATE

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



- (1) Registration Number: 13/02.02/2,5  
(2) Location of the competition site: Sandnes, Sør Varanger  
(3) Organizer: Sandnes I.L.  
(4) National Ski Association: Norwegian Ski Federation  
(5) Contact person in the organizing committee: Frode Buarø  
(6) Homologation inspector: Oddmund bakken  
(7) Name of course: Sandnes idrettspark 2,5 km  
(8) Description of course:

Course length:	2865 m	Height Difference (HD):	28 m	Lowest point:	29 m
Category:	C	Maximum Climb (MC):	23 m	Highest point:	57 m
Competition Level:	COC	Total Climb (TC):	103 m		



FIS Office

FIS Stamp

FIS Homologation Responsible

Date of Issue

P.O. Flessberg  
Pierre Mignerey

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

Hermud Bjørkestøl

17.01.2013  
Valid until  
30.06.2018



# FIS CROSS COUNTRY COMMITTEE

## Subcommittee for Rules and Control



### DOCUMENTATION OF HOMOLOGATED CROSS COUNTRY COURSES

- (1) Registration Number:  
(2) Location of the competition site: Sandnes Sør Varanger  
(3) Organizer: Sandnes i.l  
(4) National Ski Association: Norges skiforbund  
(5) Contact person in the organizing committee: Frode Buarø Mellomveien 51A 9912 Hesseng  
(6) Homologation inspector: Oddmund Bakken  
(7) Name of course: Sandnes idrettspark 3.0 km  
(8) Description of course:

Course length:	2865m	Height Difference (HD):	28m	Lowest point:	29m
Category:	C	Maximum Climb (MC):	23m	Highest point:	57m
Competition Level:	COC	Total Climb (TC):	103m		

- (9) Overview of the uphill

- major uphill
- shorter uphill
- undulated terrain

No.	PTC	% of TC
0	0	0.00
5	81	78.64
u.t.	22	21.36

- (10) Stadium area

- |   |                                     |                         |                                     |
|---|-------------------------------------|-------------------------|-------------------------------------|
| - fixed stadium.....                                      | <input checked="" type="checkbox"/> | indoor working room for |                                     |
| - fixed building.....                                     | <input type="checkbox"/>            | - timekeeping.....      | <input checked="" type="checkbox"/> |
| - temporary stadium.....                                  | <input type="checkbox"/>            | - calculation.....      | <input checked="" type="checkbox"/> |
| - temporary building.....                                 | <input checked="" 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

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: ..... C

Individual Sprint Pursuit Relay Masstart

- |                                     |                          |                                     |                                     |                                     |
|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

- (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: 25.06.2012

- (16) Closing of the homologation procedure: 01.12.2012

- (17) Date of the FIS-License:

# Data of the course profile



Data		Remarks of the inspector				
Name of the course	Sandnes idrettspark 3.0 km					
Competition distance	2865					
Number and length of the laps						
Height difference (HD)	28 m					
Maximum climb (MC)	23 m					
Total climb (TC)	103 m					
Lowest point	29 m					
Highest point	57 m					
<b>A</b>	at m	PHD	PTC	gradient	average gradient	Remarks of the inspector
major uphill with:						
30 m - 50 m MP						
and Ø						
6.00 - 12.00% gradient						
in accordance to ICR 313.1						
total						0.00% part of TC
<b>B</b>	1.	645	10	10	9.52-10.34	9.90
shorter uphill with:	2.	1100	23	23	3.64-11.48	7.59
10 m - 29 m MP	3.	1545	17	17	8.00-17.39	12.69
and Ø	4.	2107	11	11	12.50-22.73	16.92
<18.00% gradient	5.	2458	17	20	3.03-17.65	6.46
in accordance to ICR 313.1						
total						78.64% part of TC
<b>C</b>						
steep uphill with						
Dist. <= 30 m						
and Ø						
> 18.00% gradient						
in accordance to ICR 313.1						
undulated terrain			22			
total			22			21.36% part of TC
total climb						100.00 9