



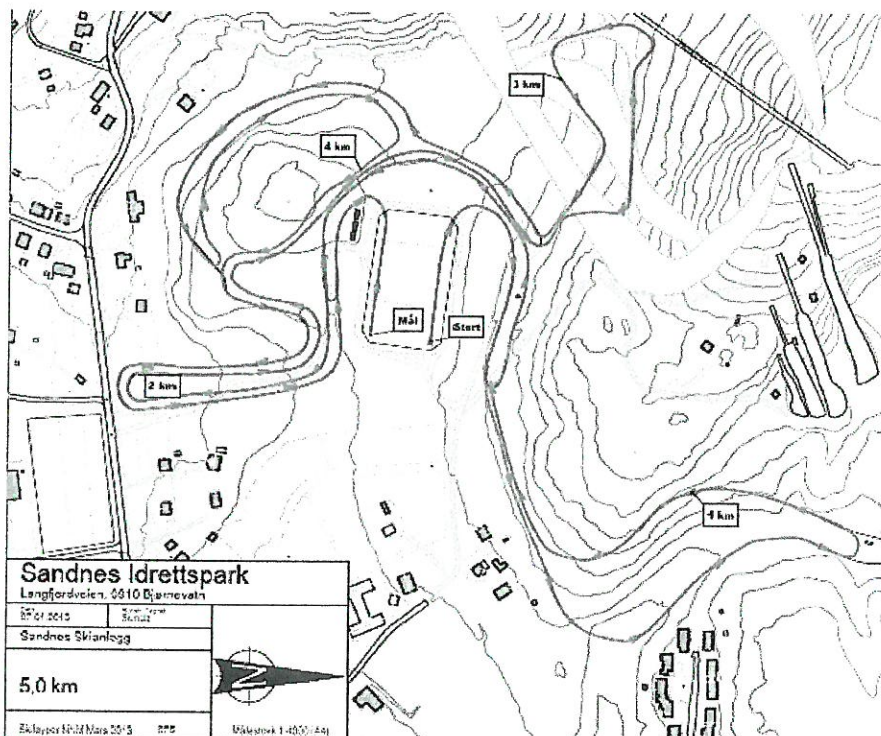
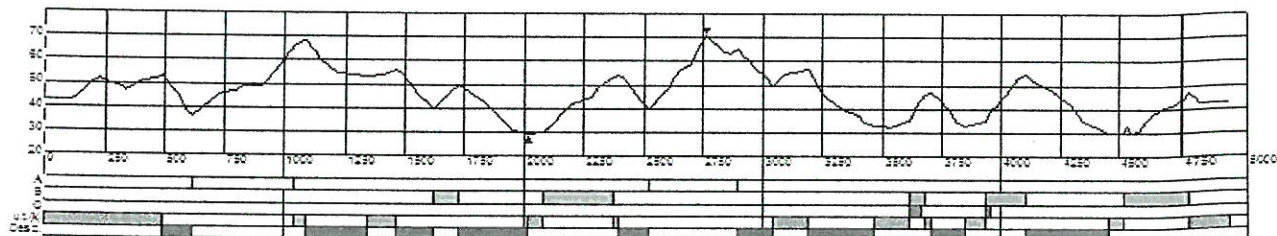
CERTIFICATE

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



- (1) Registration Number: 13/02.03/05
(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 5,0 km
(8) Description of course:

Course length:	4927 m	Height Difference (HD):	42 m	Lowest point:	29 m
Category:	C	Maximum Climb (MC):	33 m	Highest point:	71 m
Competition Level:	COC	Total Climb (TC):	182 m		



FIS Office

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FIS Stamp

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Blochstrasse 2 / Postfach
CH-3653 Oberhofen

FIS Homologation Responsible

Hermud Bjørkestøl

Date of Issue

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:
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 (3) Organizer: Sandnes i.l
 (4) National Ski Association: Norges skiforbund
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(9) Overview of the uphill

- major uphill
- shorter uphill
- undulated terrain

No.	PTC	% of TC
2	63	34.62
5	84	46.15
u.t.	35	19.23

(10) Stadium area

- fixed stadium.....☒
- fixed building.....☐
- temporary stadium.....☐
- temporary building.....☒
- good infrastructure (access, parking, media, etc.).....☒
- skitesting area near the stadium.....☒
- warm up track near the stadium.....☒

indoor working room for

- timekeeping.....☒
- calculation.....☒
- announcer.....☒
- media.....☒
- jury.....☒
- others.....☒

(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

☒ ☐ ☐ ☒ ☒

☒ ☐ ☐ ☒ ☒

☒ ☐ ☐ ☐ ☐

(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 5.0 km					
Competition distance		4927					
Number and length of the laps							
Height difference (HD)		42 m					
Maximum climb (MC)		33 m					
Total climb (TC)		182 m					
Lowest point		29 m					
Highest point		71 m					
A		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	1.	617	30	30	2.00-13.11	7.04	
	2.	2521	25	33	6.45-20.00	6.60	
	total						34.62%
B							
shorter uphill with: 10 m - 29 m MP and Ø <18.00% gradient in accordance to ICR 313.1	1.	1621	10	10	9.52-10.34	9.90	
	2.	2076	23	23	3.64-11.48	7.59	
	3.	3615	11	11	12.50-22.73	16.92	
	4.	3934	20	20	4.00-20.83	12.05	
	5.	4520	17	20	3.03-17.65	6.46	
	total						46.15%
C							
steep uphill with Dist. <= 30 m and Ø > 18.00% gradient in accordance to ICR 313.1							
	undulated terrain			35			
total			35			19.23%	part of TC
total climb						100.00	14