



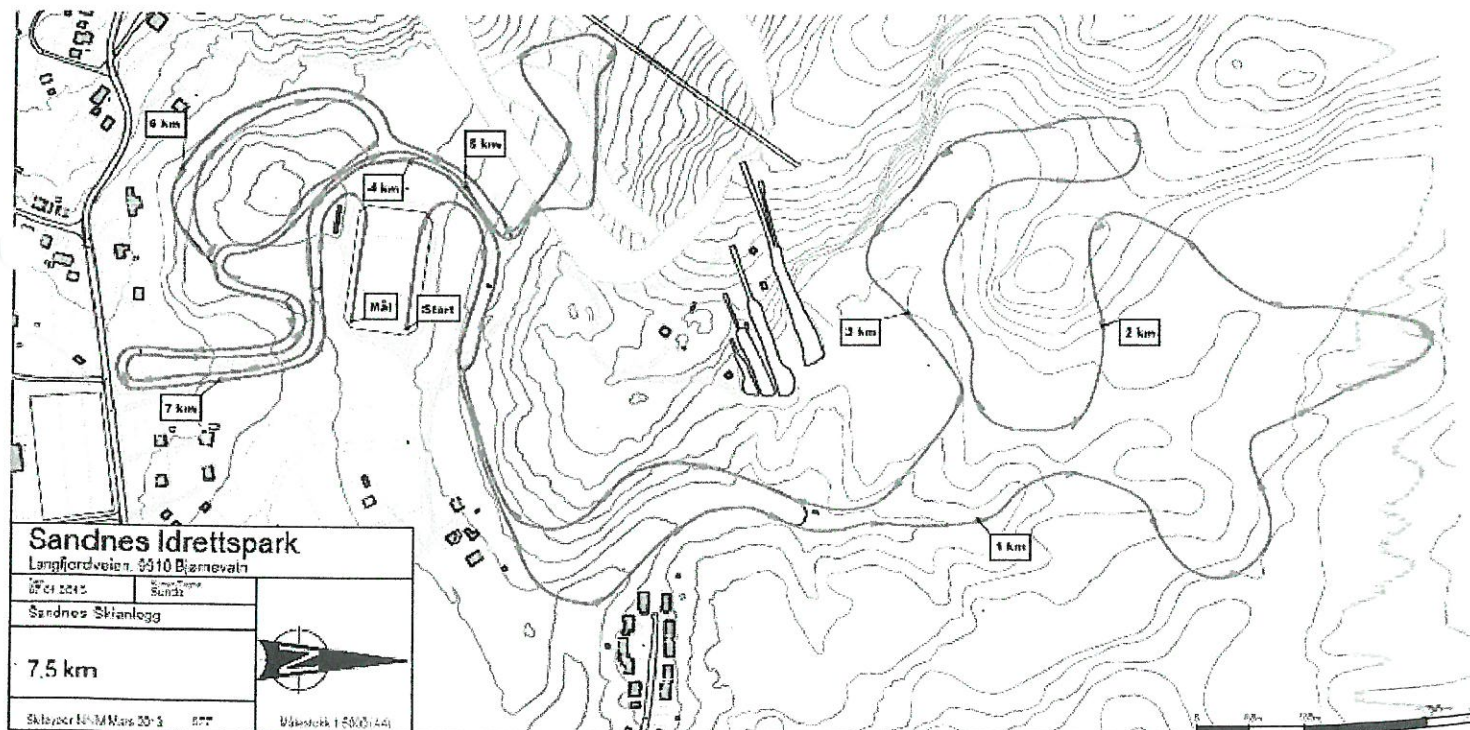
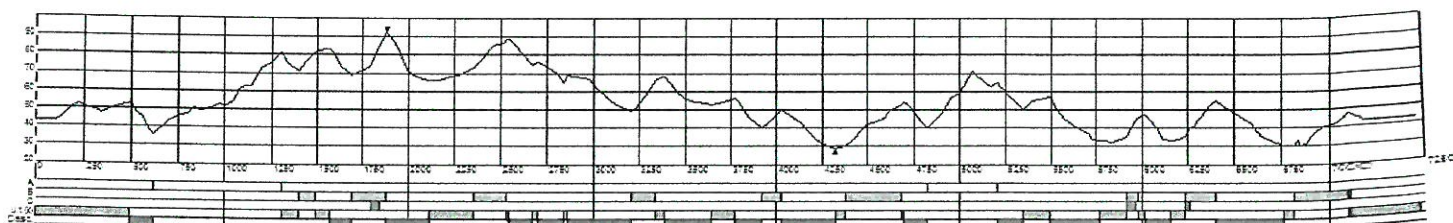
CERTIFICATE

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



- (1) Registration Number: 13/02.04/7,5
(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 7,5 km
(8) Description of course:

Course length:	7229 m	Height Difference (HD):	63 m	Lowest point:	29 m
Category:	C	Maximum Climb (MC):	48 m	Highest point:	92 m
Competition Level:	COC	Total Climb (TC):	280 m		



FIS Office

FIS Stamp

FIS Homologation Responsible

Date of Issue

P.O. Mignerey
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:
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 (3) Organizer: Sandnes i.l
 (4) National Ski Association: Norges skiforbund
 (5) Contact person in the organizing committee: Frode Buarø Mellomveien 51A 9912 Hesseng
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- (9) Overview of the uphill

- major uphill
- shorter uphill
- undulated terrain

No.	PTC	% of TC
2	81	28.93
9	151	53.93
u.t.	48	17.14

- (10) Stadium area

- fixed stadium.....☒ indoor working room for
- fixed building.....☐ - timekeeping.....☒
- temporary stadium.....☐ - calculation.....☒
- temporary building.....☒ - announcer.....☒
- good infrastructure (access, parking, media, etc.).....☒ - media.....☒
- skitesting area near the stadium.....☒ - jury.....☒
- warm up track near the stadium.....☒ - 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

☒ ☐ ☐ ☒ ☒

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- (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 7.5 km					
Competition distance		7229					
Number and length of the laps							
Height difference (HD)		63 m					
Maximum climb (MC)		48 m					
Total climb (TC)		280 m					
Lowest point		29 m					
Highest point		92 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	45	48	2.00-16.22	6.51	
	2.	4823	25	33	6.45-20.00	6.60	
total						28.93%	part of TC
B							
shorter uphill with: 10 m - 29 m MP and Ø <18.00% gradient in accordance to ICR 313.1	1.	1399	11	11	10.34-13.89	11.70	
	2.	1691	23	23	3.51-23.08	11.86	
	3.	2355	16	16	3.23-14.29	9.04	
	4.	3210	17	17	10.00-13.11	12.59	
	5.	3923	10	10	9.52-10.34	9.90	
	6.	4378	23	23	3.64-11.48	7.59	
	7.	5917	11	11	12.50-22.73	16.92	
	8.	6236	20	20	4.00-20.83	12.05	
	9.	6822	17	20	3.03-17.65	6.46	
total						53.93%	part of TC
C							
steep uphill with Dist. <= 30 m and Ø > 18.00% gradient in accordance to ICR 313.1							
undulated terrain			48				
total			48			17.14%	part of TC
total climb						100.00	24