



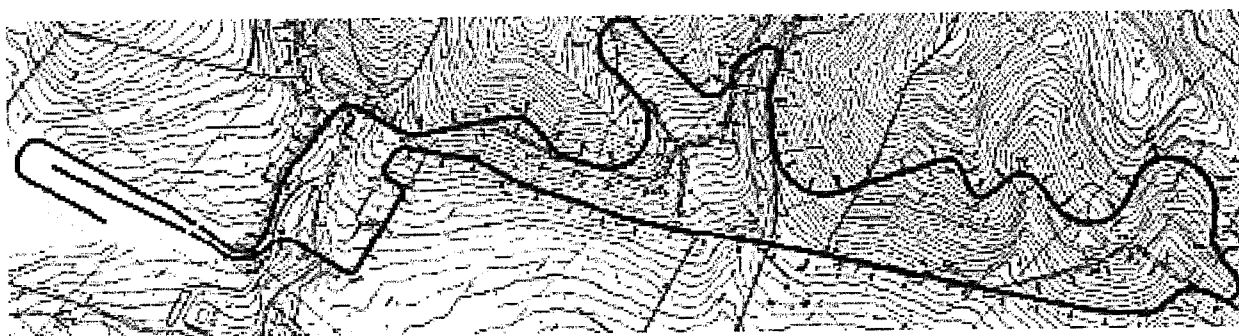
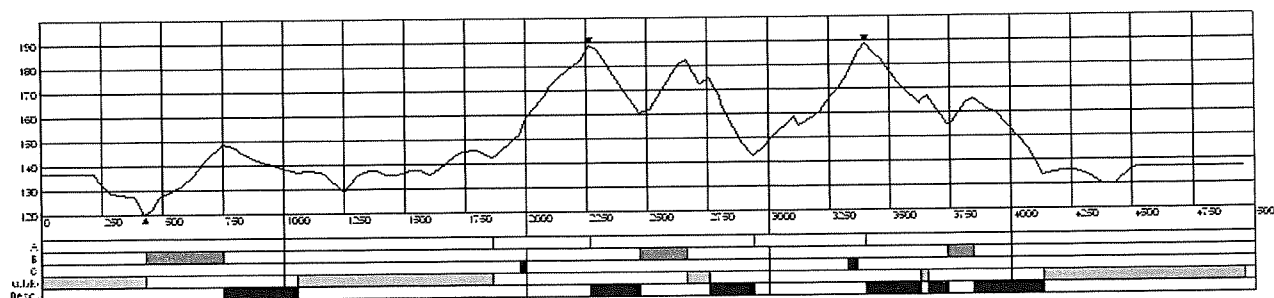
# CERTIFICATE

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



- (1) Registration Number: WC 06/01.08/05  
(2) Location of the competition site: Shirahatayama, Sapporo  
(3) Organizer: Ski Association of Sapporo  
(4) National Ski Association: Ski Association of Japan  
(5) Contact person in the organizing committee: Akira Wada  
(6) Homologation inspector: John Aalberg  
(7) Name of course: North 5 km  
(8) Description of course:

Course length:	4955m	Height Difference (HD):	69m	Lowest point:	120m
Category:	C+E	Maximum Climb (MC):	50m	Highest point:	189m
Competition Level:	WSC	Total Climb (TC):	194m		



FIS Office

Jürg Capol

FIS Stamp

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

FIS Homologation  
Responsible

Hermod Bjørkestøl

Date of Issue  
0102 2006

Valid until  
0106 2011



# FIS CROSS COUNTRY COMMITTEE

## Subcommittee for Rules and Control



### DOCUMENTATION OF HOMOLOGATED CROSS COUNTRY COURSES

- (1) Registration Number:  
(2) Location of the competition site: Sapporo(JPN)  
(3) Organizer: Ski Association of Sapporo  
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(6) Homologation inspector: John Aalberg(USA)  
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- (9) Overview of the uphill

- major uphill
- shorter uphill
- undulated terrain

No.	PTC	% of TC
2	96	49.48
3	62	31.96
u.t.	36	18.56

- (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+E

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: 2004 - 2005

- (16) Closing of the homologation procedure: Nov 2005

- (17) Date of the FIS-License:

# Data of the course profile



		Data				Remarks of the inspector				
Name of the course		North 5km								
Competition distance		4955m								
Number and length of the laps		1								
Height difference (HD)		69 m								
Maximum climb (MC)		50 m								
Total climb (TC)		194 m								
Lowest point		120 m								
Highest point		189 m								
<div>A</div>		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.	1864	46	46	5.00-25.00	11.56	1972 m	6 m MP	25.00%
		2.	2938	46	50	6.35-20.00	9.94	3324 m	8 m MP	20.00%
total								49.48%	part of TC	
<div>B</div>		1.	428	29	29	4.62-15.63	9.01			
shorter uphill with: 10 m - 29 m MP and Ø <18.00% gradient in accordance to ICR 313.1		2.	2471	22	22	2.50-15.71	11.64			
		3.	3736	11	11	5.26-13.79	10.28			
total								31.96%	part of TC	
<div>C</div>										
steep uphill with Dist. <= 30 m and Ø > 18.00% gradient in accordance to ICR 313.1										
undulated terrain				36						
total				36				18.56%	part of TC	
total climb								100.00	14	