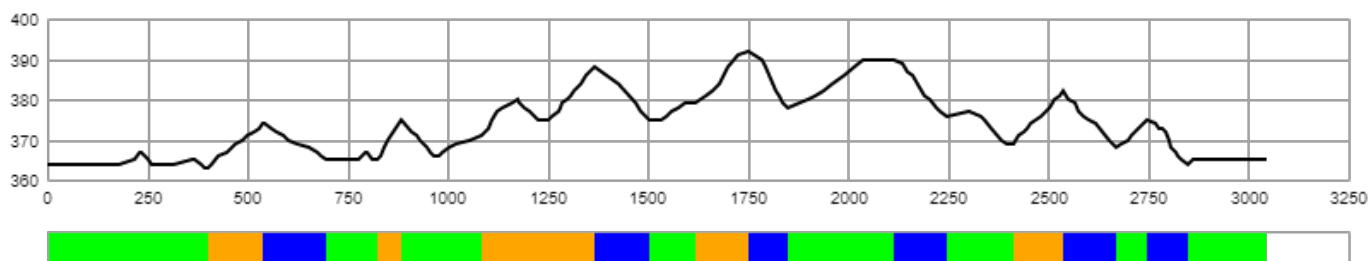




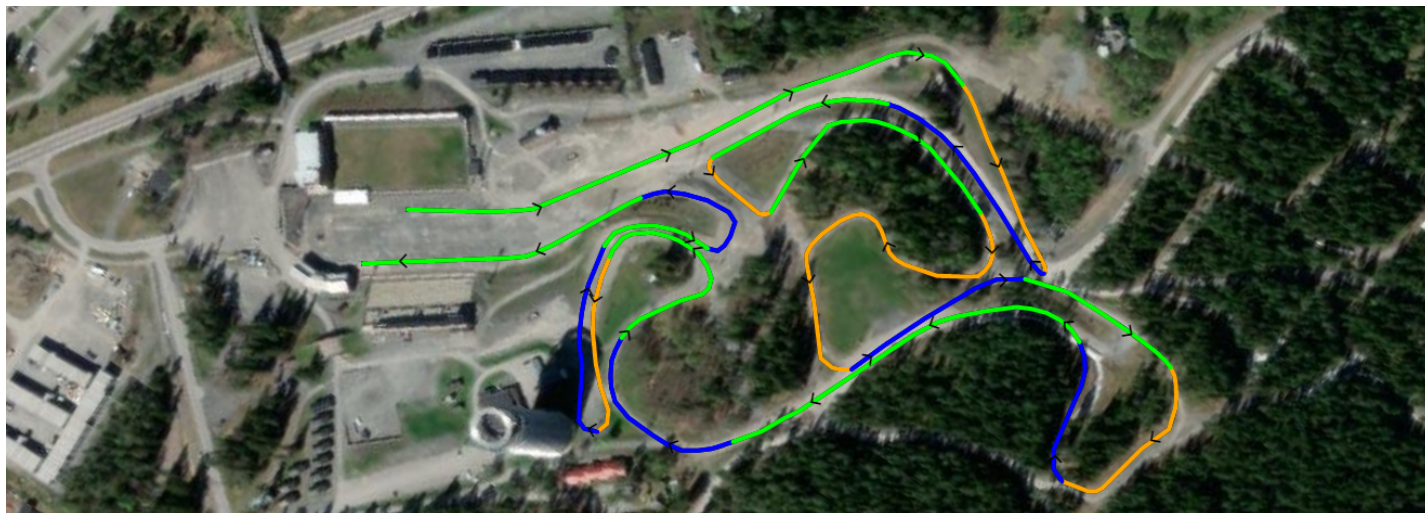
CERTIFICATE
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE
FIS CROSS-COUNTRY COMMITTEE

(1) Registration number:	
(2) Name of the competition site:	Östersunds Skidstadion
(3) Name of city/region:	Östersund
(4) Organizer:	Organizing Committee Para Nordic Skiing World Championships
(5) National ski association:	Svenska Parasportförbundet / Swedish Parasport Association
(6) Contact person in the organizing committee:	Tommie Jirhed
(7) Homologation inspector:	Jonas Braam / Geir Colbjørnsen
(8) Name of course:	WPNS Standing 3 km LW 2-9, B 1-3
(9) Competition level for course	WC COC

Course length:	3,042m	Height difference (HD):	29m	Lowest point:	363m
Course category:	D	Maximum climb (MC):	22m	Highest point:	392m
		Total climb (TC):	105m		



A-climb B-climb C-climb descent undulated terrain



FIS Office

FIS Stamp

FIS Homologation
Responsible

Date of Issue

Valid until

(10) Overview of the uphill:

	No.	PTC	% of TC
- shorter climbs	5	69	65.7
- descents	6	0	0.0
- undulated terrain	8	36	34.3

(11) Stadium area:

Fixed stadium area	yes	Indoor working room:	Timekeeping	yes
Fixed building	yes		Announcer	yes
Temporary stadium	no		Jury	yes
Temporary building	no		Race office	yes
Good infrastructure (access, parking, media, etc.)	yes			
Skiteasting area along course/near stadium	yes			
Warm up track near the stadium	yes			

(12) Category for the stadium and course layout:

	Interval	Sprint	Skiathlon	Relay	Mass start
Stadium suitable for following competition formats	yes	yes	yes	yes	yes
Course suitable for following competition formats with					
a) Classsical technique	yes			yes	yes
b) Free technique	yes			yes	yes
Course suitable for relay and skiathlon competition					
a) On same course					
b) Combined on different courses (C+D or D+D)					

(13) Possibility of snow making:

Very good. Snow storage to ensure competitions early in the season

(14) Map Material:

Very good

(15) Source of accurate elevation data:

LiDAR measurements from the Swedish Land Survey

(16) Safety considerations:

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(17) General remarks:

-

(18) Date of first inspection: 2022/5/9

(19) Date of final inspection: 2022/10/2

(20) Summary of terrain characteristics

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)	
A-climb		total		0			0.0% part of TC
B-climb		1	401	11	11	5.4 - 12.3	7.9
		2	824	10	10	11.4 - 27.3	16.4
		3	1,082	17	22	-13.0 - 19.6	6.0
		4	1,617	13	13	4.1 - 17.0	9.8
		5	2,411	13	13	8.8 - 13.3	10.6
		total		69			65.7% part of TC
C-climb		total		0			0.0% part of TC
undulated terrain		total		36			34.3% part of TC
		total climb		105			