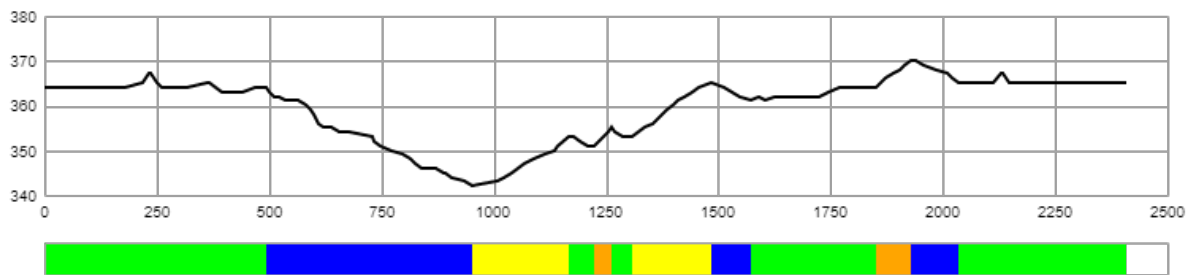




CERTIFICATE
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE
FIS CROSS-COUNTRY COMMITTEE

- | | |
|---|---|
| (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 Sitski 2.5 km LW 10-12 |
| (9) Competition level for course: | WC COC |

Course length:	2,410m	Height difference (HD):	28m	Lowest point:	342m
Course category:	D	Maximum climb (MC):	12m	Highest point:	370m
		Total climb (TC):	44m		



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
- major climbs	2	23	52.3
- shorter climbs	2	10	22.7
- undulated terrain	5	11	25.0

(11) Stadium area:

		Indoor working room:	
Fixed stadium area	yes	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		
Skitesting 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) Classical 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:

-





(17) General remarks:

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(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 	1	954	11	11	1.8 - 10.0	5.1	
	2	1,307	12	12	3.9 - 9.5	6.8	
	total			23		52.3%	part of TC
B-climb 	1	1,225	4	4	9.8 - 11.0	10.5	
	2	1,852	6	6	5.4 - 10.5	7.7	
	total			10		22.7%	part of TC
C-climb 	total			0		0.0%	part of TC
undulated terrain 	total			11		25.0%	part of TC
	total climb			44			