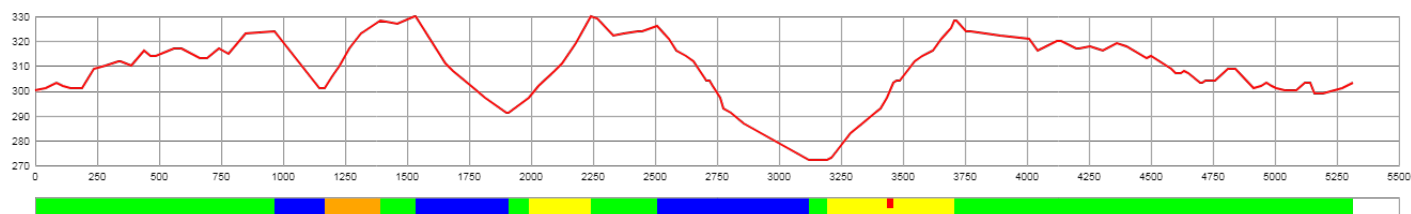




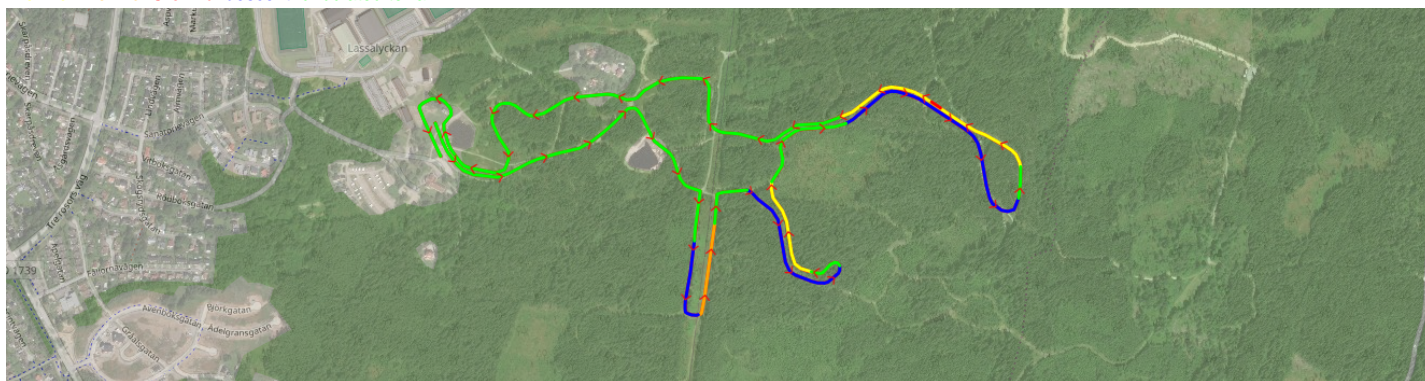
CERTIFICATE
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE
FIS CROSS-COUNTRY COMMITTEE

(1) Registration number:	WC18/101.05/5.0
(2) Name of the competition site:	Lassalyckan Ulricehamn
(3) Name of city/region:	Ulricehamn
(4) Organizer:	Ulricehamn IF skidor (locale ski association)
(5) National ski association:	Sweden Ski Association
(6) Contact person in the organizing committee:	Johan Falk
(7) Homologation inspector:	Hermod Björkestöl
(8) Name of course:	5.0
(9) Competition level for course	WC COC

Course length:	5,315m	Height difference (HD):	58m	Lowest point:	272m
Course category:	D	Maximum climb (MC):	56m	Highest point:	330m
		Total climb (TC):	190m		



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



FIS Office

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FIS International Ski Federation
Blochstrasse 2 / Postfach
CH - 3653 Oberhofen

FIS Stamp



FIS Homologation
Responsible

Aalberg, John

Date of Issue

26.11.2018

Valid until

30.06.2023

(10) Overview of the uphill:

	No.	PTC	% of TC
- major climbs	2	89	46.8
- shorter climbs	1	27	14.2
- steep climbs	1	0	0.0
- descents	3	0	0.0
- undulated terrain	7	74	38.9

(11) Stadium area:

Fixed stadium area	yes	Indoor working room:	Timekeeping	no
Fixed building	no		Announcer	no
Temporary stadium	no		Jury	no
Temporary building	yes		Race office	no
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
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			yes		
b) Combined on different courses (C+D or D+D)			yes		

(13) Possibility of snow making:

Opportunity to save artificial snow, and easy transport the snow to the courses. A well built artificial snow system after whole courses.

(14) Map Material:

God

(15) Source of accurate elevation data:

Garmin GPS, also maps and gpx-file from local ski association and county. We have also used a clinometer to control gradient.

(16) Safety considerations:

At the bottom of "Kraftlinjen" 1.1 km and "väggen" 1.9 downhill where there is a curve I recommend that a fence is set up. (especially "väggen"). If an accident should occur there and athletes ski out of the course rocks and big trees may cause injuries to persons involved.





(17) General remarks:

Courses outside the stadium is wide, easy 12 m Category E, but the stadium is narrow.

(18) Date of first inspection: 2016/4/5

(19) Date of final inspection: 2018/10/12

(20) Summary of terrain characteristics

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)	
A-climb 	1	1,992	33	33	9.1 - 18.4	13.2	
	2	3,194	56	56	4.8 - 23.8	10.9	C at 3,437m, PTC: 6m, 24.0%
	total			89		46.8%	part of TC
B-climb 	1	1,170	27	27	6.2 - 18.0	12.1	
	total			27		14.2%	part of TC
C-climb 	total			0		0.0%	part of TC
undulated terrain 	total			74		38.9%	part of TC
	total climb			190			