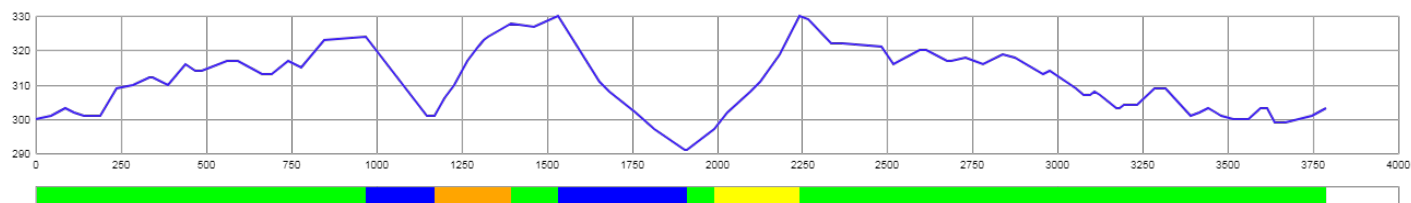




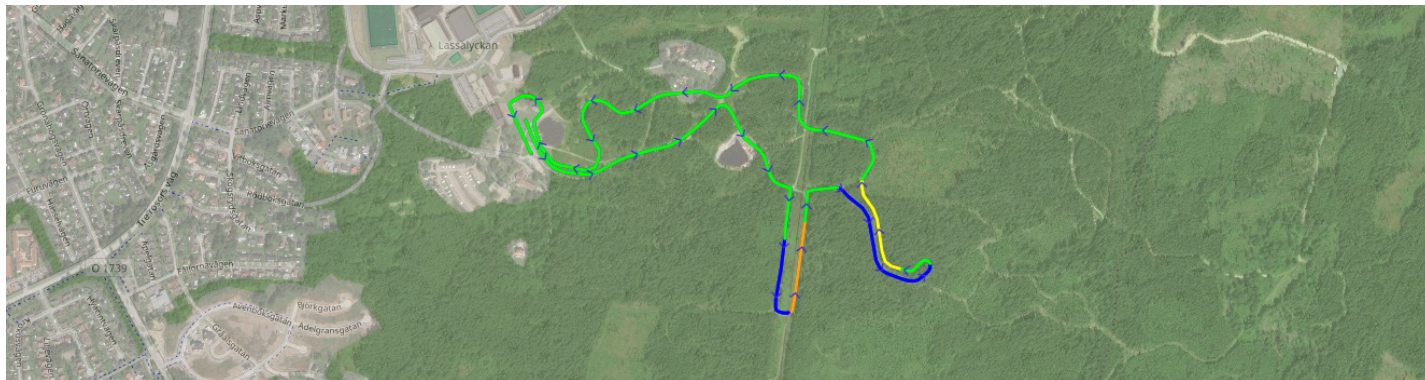
CERTIFICATE  
OF FIS HOMOLOGATED CROSS-COUNTRY COURSE  
FIS CROSS-COUNTRY COMMITTEE

(1) Registration number:	WC18/101.04/3.75
(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:	3.75 K
(9) Competition level for course	WC COC

Course length:	3,788m	Height difference (HD):	39m	Lowest point:	291m
Course category:	D	Maximum climb (MC):	36m	Highest point:	330m
		Total climb (TC):	130m		



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



FIS Office

Mignerey, Pierre  
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	1	33	25.4
- shorter climbs	1	27	20.8
- descents	2	0	0.0
- undulated terrain	4	70	53.8

(11) Stadium area:

		Indoor working room:	
Fixed stadium area	yes	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) Classsical 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 artifical 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 clinomter 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 reccommend that a fence is set up.

(17) General remarks:

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

(18) Date of first inspection: 2016/4/6

(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	
	total			33			25.4% part of TC
B-climb	1	1,170	27	27	6.2 - 18.0	12.1	
	total			27			20.8% part of TC
C-climb	total			0			0.0% part of TC
undulated terrain	total			70			53.8% part of TC
	total climb			130			