

No:

2019-1

Swiss Sailing

Fédération Suisse de la Voile
Schweizerischer Segelverband

Autorité nationale
Schweiz. Landesverband

La validité du certificat de jauge du Yacht
Die Gültigkeitsdauer des Messbriefs der Yacht

Nom du Yacht:

Name der Yacht:

Skilla

Série (No de course) :

Serie (Rennummer) :

5.5m SUI-182

Propriétaire:

Besitzer :

A. Bernheim

est prolongé jusqu'au :

ist verlängert bis :

next change owner

Le jaugeur :

Der Vermesser:

G.-R. Perrin



Guy-Roland Perrin
Swiss Sailing Measurer
Technical Commission

Im Swiss Sailing-Register
eingetragen am

15. JULI 2019

INTERNATIONAL FIVE POINT FIVE METRE CLASS

MEASUREMENT FORM AND CERTIFICATE OF RATING

Yacht's Name: Skylla Sail Number: 2182
 Owner: H. Bernhart Owner's Club: SYH
 Designer: S. Schmidt / J. Th. Meyer Date Completed: 10.5.93
 IYRU Plaque No: _____

Has designer's or builder's declaration been supplied: YES / NO (Delete whichever is applicable)

Condition of water when marks were sighted: fresh (State fresh or salt)
 Difference in immersion (Class Rule 23): 0.006 (metres)

Classification Society: Bureau Veritas
 Expiration date of Classification Certificate: Building Certificate, unlimited

Measurements or partial re-measurements by National Authority Measurer, signature and date and

Item No:	Signature	Date	Item No
.....	<u>[Signature]</u>	<u>10.5.93</u>	<u>1 to 62</u>
.....
.....

Expiration date of Certificate of Rating: 9.5.95
 Re-Rated: _____

I certify that the measurements entered on this certificate have been properly taken and that to the best of my knowledge and belief the boat complies with the Rules of the International 5.5 Metre Class.

Signature of Measurer: O. Weber
CH-8802 Kilchberg/ZH

Signature of designer or builder: [Signature]

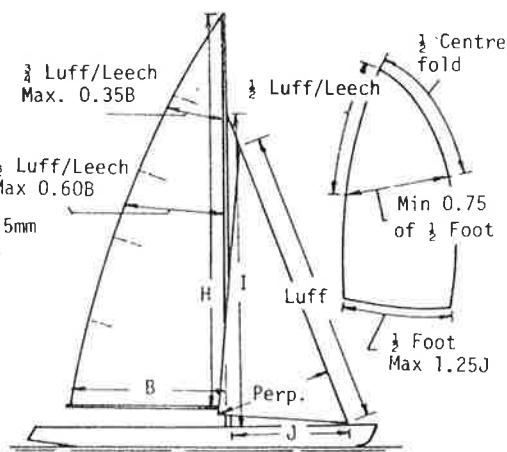
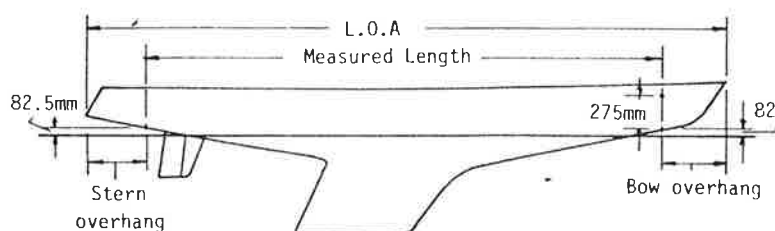
Signature of owner or representative: [Signature]

Certificate authorised by: _____ Date: _____

For: _____
 (enter name of National Authority)
CTUSY - 10.05.93
[Signature]



It. n No	Rule No	Measurement	Min	Actual	Max
1	23(e)	HULL Immersion checked in salt/fresh water (Date)		fresh	
2	13	Weight of inside ballast placed at _____			
3	5	Beam	1.90m	1.920	
4	2	Max. Draft		1.345	1.35m
5	4	Freeboard at bow girth station	724		
6	4	Freeboard at stern girth station	555		
7	4	Freeboard at midship mark	604		
8	4	Freeboard average (Item 5+6+7)	6,628m	6,628	
9	14(iii)	Keel and ballast materials (lead or iron)		lead	
10	14(iv)	Keel height of round at bottom	75mm	0.005	
11	14(iv)	Maximum section width down to 1m from LWL	150mm	0,150	
12	8	Stern angle	1 in 5.5 = 0,182	0,209	
13	9	Round of beams		3mm	7mm in 305mm
14	10	Tumblehome		0.030	
15		Deduct 2% of max. beam		0.038	
16	10	Excess tumblehome (Item 16-15)		∅	
17	11	Area of deck openings		2,20 m ²	2.25m ²
18	12	Cockpit forward of L1 mark	1.75m	2,100	
19	11	Breadth of side decks	35cm	> 350	



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Item No	Rule No	Measurement	Min	Actual	Max
		SAILS AND RIGGING			
20	16	Height of sailplan above covering board level		11,100	11.10m
21	18	Height of boom (black band) above covering board level	0.5m	0,695	0.85m
22	17	Height of fore triangle above covering board level (I)		8,880	8.88m
23	16	Base of fore triangle (J) (Deck black band to be checked)		2,686	0.50 x J
24	16	Min. Headsail for measurement purposes = 0.5 x I x J x 80%		9,541	
25	19	Spinnaker, halliard above forestay		0.060	10cm
26	19	Spinnaker halliard out from mast		0.030	3cm
27	19	Spinnaker breadth of half the foot		3,358	1.25 x J
28	19	Storm spinnaker, breadth of half the foot		2,686	J
29	20	Spinnaker boom length		2.686	J
30	21	Mast diameter at ½ ht. of fore triangle, round mast	11.5cm	105 x 127	
31	21	Mast diameter at deck, round mast	10.9cm	105 x 127	
32	21	Mast diameter at jib halliards, round mast	9.2cm	100 x 111	
33	21	Mast diameter at top, round mast	5.8cm	74 x 72	
		(The athwartships diameter of oval masts may be reduced by 10% of the above, but the sectional areas shall not be less)			
34	21	Tip weight of mast	16kgs	18.5 kg	
35	22	Boom depth		108 x 74	15.2cm
36	22	Boom width	3.8cm	74	
		MISCELLANEOUS			
37	29	Weight of anchor	11kgs	12 kg	13kgs
38	29	Length of warp (min. diameter 9mm)	30m	30 m	
39	23	Top of I marks above water with yacht in racing trim		4	

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Item No	Rule No	Measurement	Min	Actual	Max
LENGTH L FOR RATING					
40	3	Overall length LOA		9,037	
41	3	Bow Overhang L ₁		0,785	
42	3	Stern Overhang L ₂		0,875	
43	3	Total Overhang (Item 41+42)		1,660	
44	3	Measured Length L ₁ (Item 40-43)		7,377	
45	3	Girth at bow		0,724	
46	3	Twice Vertical height at bow (= 0.55m)		0,550	
47	3	Bow girth difference (Item 45-46)	165mm	0,174	
48	3	Girth at stern		1,658	
49	3	Twice vertical height at stern		0,946	
50	3	Stern girth difference (Item 48-49)		0,712	
51	3	1/3 stern girth difference (50 divided by 3)	234mm	0,237	
52	3	Length L for rating formula (Item 44+47+51)		7,788	
SAIL AREA FOR RATING					
53	17	Largest headsail = 0.5 x _____ (luff) x _____ (perp)	Item 24	9,703	
54	18	Mainsail = 0.5 x $11,46\sqrt{H}$ x $5,68e$ (B)		19,145	
55	2	Total sail area S (53+54)	26.5m ²	28,848	29.0m ²
56		\sqrt{S}		5,371	
DISPLACEMENT					
57	13	Weight of yacht (date when weighed) <u>12.5.93</u>		1,940	
58	13	Displacement D = weight ÷ 1025.21kg/m ³	1.7m ³	1,893	2.0m ³
59	13	$\sqrt[3]{D}$		1,237	
RATING					
60	2	Rating calculated according to formula		5,497	
61	10	3 x tumblehome excess (add to Item 60 for final rating)		nil	
62	2	FINAL RATING		5,497	

