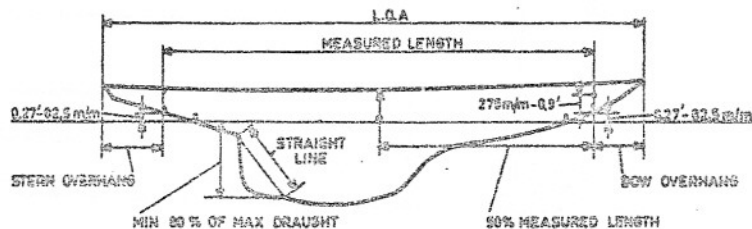
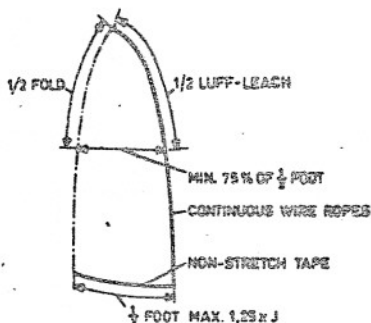
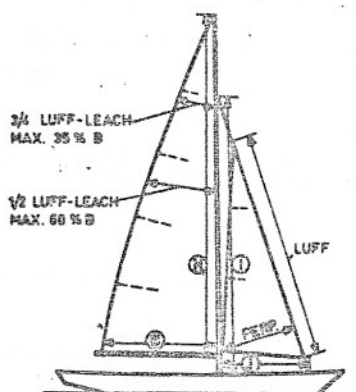


# THE INTERNATIONAL 5.5 METRE CLASS CERTIFICATE OF RATING

Yacht's name <i>Skylla II</i>	Classification society <i>Bureau Veritas, Paris</i>
Permanent sail number <i>Z 91</i>	Expiration date of classification certificate <i>1974 (March)</i>
Owner <i>P. K. Millerholjes</i>	Measurements or partial remeasurements by N.A. Measurer, signature & date
Owner's club <i>ZSC</i>	USY - <i>[Signature]</i>
Designer <i>Britton Chance, jun</i>	G. We <i>[Signature]</i>
Builder <i>K. Heinrich, Kempten</i>	CH-8802 Kilchberg
Date completed <i>Mai 1968</i>	
Condition of water when marks were sighted State fresh or salt <i>fresh</i>	
Difference in immersion (class rule 5) <i>6mm</i>	<i>5,493</i> (metres)
Has designer's or builder's declaration been furnished <i>yes</i>	
I declare that the particulars given on this certificate are correct at this date	Expiration date of rating certificate <i>16.5.1974</i>
Signature of designer or builder	
Signature of owner or his representative	Rated
(The designer or builder is only responsible for measurements at the date they are taken)	
Certificate authorised by	for <i>2.6.72 Fell</i> Im USY-Register (National Authority) <i>et. 1.10.72 am</i> <b>5. JUNI 1972</b>



RATING FORMULA:  $0.9 \left( \frac{L\sqrt{S}}{12\sqrt{D}} + \frac{L+\sqrt{S}}{4} \right)$  not to exceed 5.5 m or 18.04 ft.

	Actual measures		Rule limits
<b>LENGTH L FOR RATING</b>			
Overall length L.O.A.		9.220	
Bow overhang to L <sub>1</sub>	0.891		
Stem overhang to L <sub>1</sub>	0.884		
Total overhang	add	1.775	
Measured length L <sub>1</sub>		subtract 7.445	
Girth at bow	0.718		
Twice vertical height at bow (=0.550 m or 1.804 ft.)	0.550		
Bow girth difference	subtract	0.168	min. 0.165 m or 0.541 ft. (rule 3)
Girth at stem	1.535		
Twice vertical height at stem	0.964		
Stern girth difference	subtract		
1/3 stern girth difference	div. by 3	0.234	min. 0.234 m or 0.768 ft. (rule 5)
Length L for rating formula	add	7.947	
<b>SAIL AREA FOR RATING</b>			
Largest headsail = 0.5 x _____ (luff) x _____ (perp)		9.762	min. see next page
Mainsail = 0.5 x <u>10.600</u> (A) x <u>3.667</u> (B)		19.438	min. 26.5 m <sup>2</sup> or 285.0 sq. ft. (rule 7)
Total sail area S	add	29.000	max. 29.0 m <sup>2</sup> or 312.0 sq. ft.
$\sqrt{S}$		5.385	
<b>DISPLACEMENT</b>			
Weight of yacht (date when weighed <u>Mar 1968</u> )		2050	
Displacement D = weight div. by 1025.21 kg/m <sup>3</sup> or 64 lbs/cu.ft.		2000	min. 1.7 m <sup>3</sup> or 60.27 cu.ft. (rule 7) max. 2.0 m <sup>3</sup> or 70.62 cu.ft.
$\sqrt[3]{D}$		1260	
<b>RATING</b>			
Rating calc'd according to formula		5.493	
3 x tumble home excess	-		(rule 14)
FINAL RATING	add	5.493	

## RULE PARTICULARS

	Actual <sup>(x)</sup>	Rule limits	Rule No.
<b>HULL</b>			
Immersion checked in salt/fresh water	date 1972		5;27
Weight of inside ballast placed at <u>0</u>	<u>0</u>	xx)	6;33
Beam	1910	min. 1.90m or 6.23 ft.	7;9
Draft	1,350	max. 1.35m or 4.43ft.	7
Freeboard at bow girth station	0.717		
" at stern girth station	0.642		
" at midship mark	0.564		
" average	0.621	min. 0.63m or 2.06ft.	
Keel, ballast material	lead	lead or iron	10
" ht. of round at bottom	0.074	max. 75mm, or 3 in.	10
" width at max. section 1 metre below L.W.L.	0.160	min. 150mm, or 5.9in.	10
Stern angle	1:32	min. 1 in 5.5	12
Round of beams	0	max. 7mm, in 305mm,	13
Tumble home	0	or 0.25in, in 12in.	14
2% of max. beam	0.076		
Excess tumble home	subtract → -	3 x excess added to rating	14
Area of deck openings	2.242	max. 2.25m <sup>2</sup> or 24.25 sq. ft.	24
Cockpit forward of L1 mark	1.850	min. 1.75m or 5.74ft.	25
Breadth of side decks	7.050	min. 35cm or 1.15ft.	24
<b>SAILS &amp; RIGGING</b>			
Height of sailplan above covering board level	11.100	max. 11.10m or 36.4ft.	16
" " boom (black band) above covering board level	0.500	max. 0.85m or 2.795ft.	17
" " fore triangle above covering board level (1)	8.880	max. 8.88m or 29.11ft.	16
Base of fore triangle (J) (Deck black band to be checked)	2.692	max. 0.50 x 5	16
Min. headstail for measurement purposes = 0.5 x I x J x 80%	9.562		15
Spinnaker, halliard above forestay	0.100	max. 10cm or 3.9in.	20
" " out from mast	0.025	max. 3cm or 1.18in.	20
" " breadth of halt the foot	3.365	max. 1.25 x J	20
Storm spinnaker, breadth of halt the foot	2.690	max. J	20
Spinnaker boom length	2.692	max. J	21
Mast diameter at 1/2 ht. of fore triangle, round mast	in 90/100 mm	min. 11.5cm or 4.52 in.	22
" " at deck " "	with rule	min. 10.9cm or 4.30in.	22
" " at jib halliards " "		min. 9.2cm or 3.62in.	22
" " at top " "		min. 5.8cm or 2.26in.	22
(The athwartship diameters of oval masts may be reduced by 10% of the above, but the sectional areas shall not be less)			
Weight of mast with fixed fittings	45 kg.	min. 40 kgs or 88 lbs	22
Centre of gravity of mast above covering board level	4800	min. 38% of mast ht.	22
Boom depth	≤ 150	max. 15.2cm or 6in.	23
Boom width	740	min. 3.8cm or 1.5in.	23
<b>MISCELLANEOUS</b>			
Weight of anchor	12 kg.	max. 13kgs or 26.45lbs min. 11kgs or 24.24lbs	26
Length of warp	30m	min. 30m or 16.4 fathoms	26
Top of 1 marks above water with yacht in racing trim			5

## UNION SCHWEIZERISCHER YACHTCLUBS

## Eignerwechsel

Klasse  
Classe 5.5 m J.L.

Segel-Nr.  
No de voile 791

bisheriger Bootsname  
ancien nom du yacht Skylla II

neuer Bootsname  
nouveau nom du yacht

Baujahr  
Année de constr. 1968

Bauwert  
Chantier K. Heinrich

## UNION SUISSE DU YACHTING

CH  ament de propriétaire

Neuer Eigner  
Nouveau propriétaire E. Bernheim

Name  
Nom ZSC

Club ZSC

Adresse Sunnbaldenstr. 11  
8704 Hurligen

Datum 31.3.1982

Date

USY - Verm?

Der Vermesser

Le jaugeur

O. Weber

CH-8802 Kilchberg/ZH

Im USY-Register  
eingetragen am

16. APR. 1982

Nur gültig mit Registrierstempel der USY  
Valable seulement avec timbre d'enregistrement de l'USY