

UNION SCHWEIZERISCHER YACHTCLUBS

UNION SUISSE DU YACHTING

**Eignerwechsel**

**Changement de propriétaire**

Klasse ..... 5.5m II  
 Classe .....  
 Segel-Nr. ..... Z 119  
 No de voile .....  
 bisheriger Bootsname ..... Hicamo  
 ancien nom du yacht .....  
 neuer Bootsname ..... Zirkon  
 nouveau nom du yacht .....  
 Baujahr ..... 1977  
 Année de constr. ....  
 Bauwert ..... H. Egger, H. Finken  
 Chantier .....

Neuer Eigner ..... S. Peter  
 Nouveau propriétaire .....  
 Name ..... + P. Ringler  
 Nom .....  
 Club ..... SVT  
 Adresse .....

Datum ..... 3.2.1983  
 Date .....  
 Der Vermesser .....  
 Le jaugeur ..... O. Weber

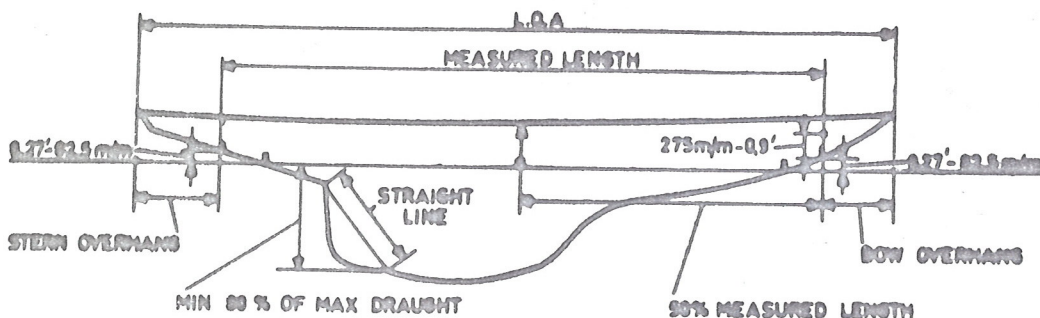
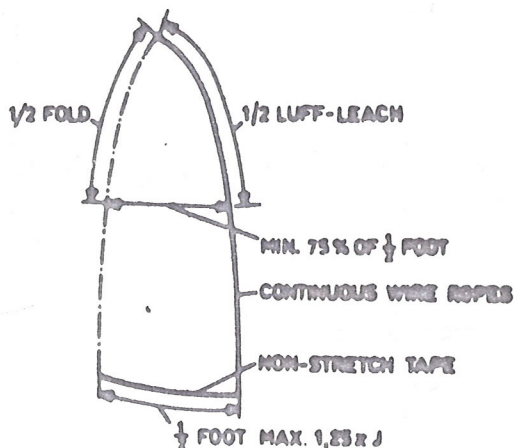
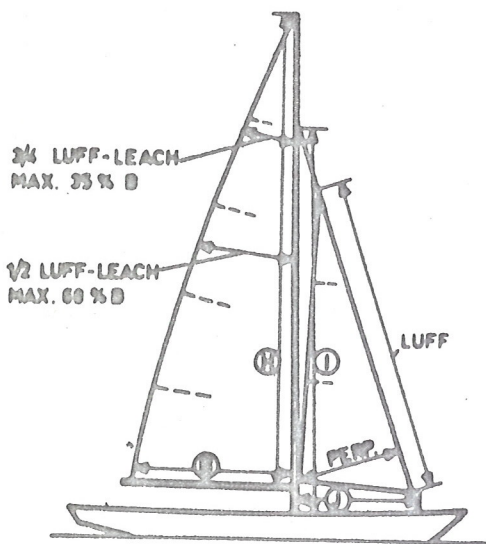
CH-8802 Kilchberg/ZH  
 Im USY-Register  
 eingetragen am  
 17. FEB. 1983

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

Gültig bis 3.2.1985

# THE INTERNATIONAL 5.5 METRE CLASS CERTIFICATE OF RATING

Yacht's name <i>Mayflower II</i>	Classification society <i>Bureau Veritas, Paris</i>
Permanent sail number <i>Z 119</i>	Expiration date of classification certificate
Owner <i>P. Egger</i>	Measurements or partial remeasurements by N.A. Measurer, signature & date
Owner's club <i>CV. B.</i>	<b>USY - Verm.</b>
Designer <i>Britton-Chance</i>	<b>O. Weber</b>
Builder <i>H. Egger, H. Huber</i>	<b>CH-8802 Kilchberg/ZH</b>
Date completed <i>May 1977</i>	<i>31.5.1977</i>
Condition of water when marks were sighted	
State fresh or salt <i>frsh</i>	
Difference in immersion (class rule 5) <i>6 mm</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>29.5.79</i>
Signature of designer or builder	<div style="border: 2px solid purple; padding: 5px; display: inline-block;"> <b>Im USY-Register eingetragen am 6. JUNI 1977</b> </div>
Signature of owner or his representative	
(The designer or builder is only responsible for measurements at the date they are taken)	
Certificate authorised by	for  (National Authority)



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.		9.081	
Bow overhang to L <sub>1</sub>	.776		
Stern overhang to L <sub>1</sub>	.852		
Total overhang	add	1.628	
Measured length L <sub>1</sub>		subtract 7.453	
Girth at bow	.682		
Twice vertical height at bow (=0.550 m or 1.804 ft.)	.550		
Bow girth difference	subtract .132	.165	min. 0.165 m or 0.541 ft. (rule 3)
Girth at stern	1.690		
Twice vertical height at stern	1.071		
Stern girth difference	subtract .619		
1/3 stern girth difference	div. by 3 .206	.234	min. 0.234 m or 0.768 ft. (rule 3)
Length L for rating formula		add 7.852	
<b>SAIL AREA FOR RATING</b>			
Largest headsail = 0.5 x _____ (luff) x _____ (perp)		9.562	min. see next page
Mainsail = 0.5 x <u>10.600</u> (M) x <u>3.667</u> (B)		19.436	min. 26.5 m <sup>2</sup> or 285.0 sq. ft. (rule 7)
Total sail area S		add 28.998	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>30. V. 77</u> )		2050	
Displacement D = weight div. by 1025.21 kg/m <sup>3</sup> or 64 lbs/cu. ft.		2.000	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.
$\sqrt[3]{D}$		1.260	
<b>RATING</b>			
Rating calc'd according to formula		5.495	
3 x tumble home excess		-	(rule 14)
<b>FINAL RATING</b>		5.495	

RULE PARTICULARS

	Actual <sup>(x)</sup>	Rule limits	Rule No.
<b>MULL</b>			
Immersion checked in salt/fresh water	date 30.5.72		5;27
Weight of inside ballast placed at _____	none	xx)	6;33
Beam	1.910	min. 1.90m or 6.23 ft.	7;9
Draft	1.350	max. 1.35m or 4.43ft.	7
Foreboard at bow girth station	.685		
" at stern girth station	.613		
" at midship mark	.606		
" average	.635	min. 0.63m or 2.06ft.	
Keel, ballast material	lead	lead or iron	10
" ht. of round at bottom	nil	max. 75mm. or 3 in.	10
" width at max. section 1 metre below L.W.L.	170	min. 150mm. or 5.9in.	10
Stern angle	.316	min. 1 in 5.5 = .182	12
Round of beams	nil	max. 7mm. in 305mm. or 00.25in. in 12in.	13
Tumble home	nil		14
2% of max. beam	.038		
Excess tumble home	subtract →	3 x excess added to rating	14
Area of deck openings	2.20 m <sup>2</sup>	max. 2.25m <sup>2</sup> or 24.25 sq. ft.	24
Cockpit forward of L1 mark	1.760	min. 1.75m or 5.74ft.	25
Breadth of side decks	.375	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	.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 S	16
Min. headsail for measurement purposes = 0.5 x I x J x 80%	9.562		15
Spinnaker, halliard above forestay	.090	max. 10cm or 3.9in.	20
" " out from mast	.025	max. 3cm or 1.18in.	20
" breadth of half the foot	3.365	max. 1.25 x J	20
Storm spinnaker, breadth of half the foot	2.692	max. J	20
Spinnaker boom length	2.690	max. J	21
Mast diameter at 1/2 ht. of fore triangle, round mast	120 x 135	min. 11.5cm or 4.52 in.	22
" " at deck " "	1	min. 10.9cm or 4.30in.	22
" " at jib halliards " "	2	min. 9.2cm or 3.62in.	22
" " at top " "	60 x 75	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	43 kg	min. 40 kgs or 89 lbs	22
Centre of gravity of mast above covering board level	4408	min. 36% of mast ht.	22
Boom depth	0.95	max. 15.2cm or 6in.	23
Boom width	0.88	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	30 m.	min. 30m or 16.4 fathoms	26
Top of I marks above water with yacht in racing trim			5