

UNION SCHWEIZERISCHER YACHTCLUBS

Eignerwechsel

Klasse 5.50 J1
 Classe
 Segel-Nr. Z-121
 No de voile
 bisheriger Bootsname Kracoucasse
 ancien nom du yacht
 neuer Bootsname -idem-
 nouveau nom du yacht
 Baujahr 1978
 Année de constr.
 Bauwerft Sommerfeld
 Chantier

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

UNION SUISSE DU YACHTING

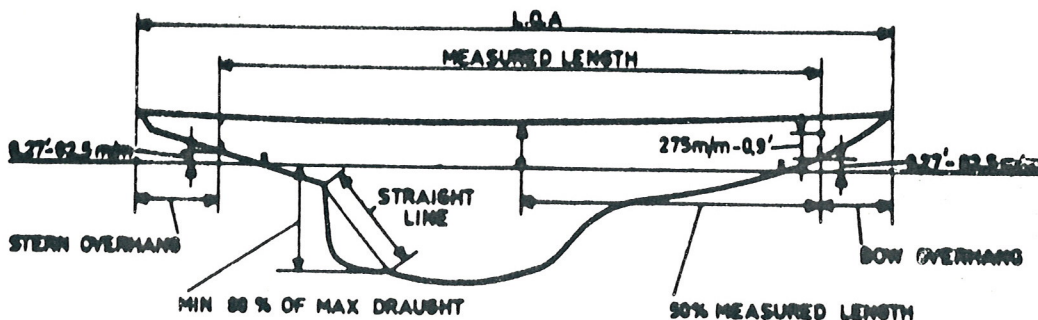
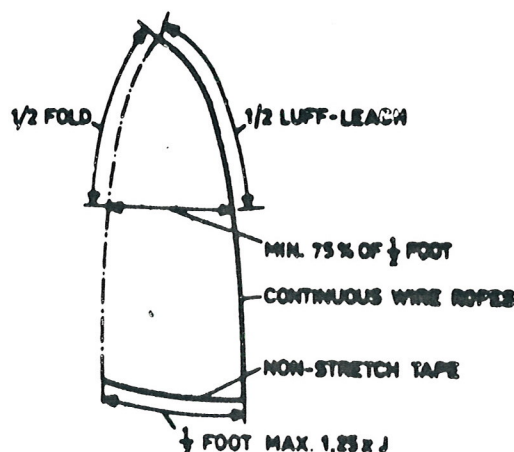
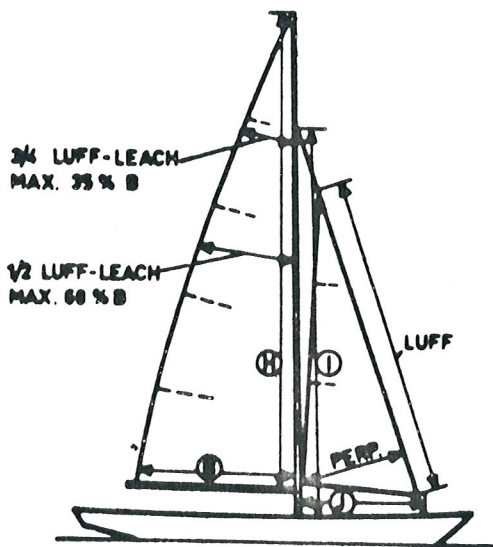
Changement de propriétaire

Neuer Eigner
 Nouveau propriétaire
 Name RUFFIN Alain
 Nom
 Club CVNy
 Adresse
 Datum 03.03.1993
 Date
 Der Vermesser
 Le jugeur /B/



THE INTERNATIONAL 5.5 METRE CLASS CERTIFICATE OF RATING

Yacht's name <i>Sally Bird</i>	Classification society <i>Bureau Veritas, Paris</i>
Permanent sail number <i>2 121</i>	Expiration date of classification certificate <i>12.5.78</i>
Owner <i>F. Webb</i>	Measurements or partial remeasurements by N.A. Measurer, signature & date <i>12.5.78</i>
Owner's club <i>Y.C. Fm</i>	USY - Verni
Designer <i>B. Chance</i>	O. Weber
Builder <i>F. Schumacher, Rotterdam</i>	Im USY-Register eingetrag am <i>22. MAI 1979</i>
Date completed <i>march 1979</i>	Date: <i>12.5.78</i>
Condition of water when marks were sighted <i>fresh</i>	I. Nr.
State fresh or salt <i>fresh</i>	(metres)
Difference in immersion (class rule 5) <i>4 metres</i>	
Has designer's or builder's declaration been furnished <i>yes</i>	Expiration date of rating certificate <i>12.5.78</i>
I declare that the particulars given on this certificate are correct at this date	
Signature of designer or builder	
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
LENGTH L FOR RATING			
Overall length L.O.A.		3.115	
Bow overhang to L ₁	.845		
Stem overhang to L ₁	.810		
Total overhang	add	1.655	
Measured length L ₁		subtract 1.460	
Girth at bow	715		
Twice vertical height at bow (=0.550 m or 1.804 ft.)	√10		
Bow girth difference	subtract	.165 = min	min. 0.165 m or 0.541 ft. (rule 3)
Girth at stem	1658		
Twice vertical height at stem	1.142		
Stern girth difference	subtract	.166	
1/3 stern girth difference	div. by 3	.284 min	min. 0.284 m or 0.932 ft. (rule 3)
Length L for rating formula	add	7.859	
SAIL AREA FOR RATING			
Largest headail = 0.5 x _____ (luff) x _____ (perp)		9.264	min. see next page
Mainsail = 0.5 x <u>10.600</u> (H) x <u>3.666</u> (B)		19.480	min. 26.5 m ² or 285.0 sq. ft. (rule 7)
Total sail area S	add	28.944	max. 29.0 m ² or 312.0 sq. ft.
√S		5.381	
DISPLACEMENT			
Weight of yacht (date when weighed <u>14.1 RT</u>)		2050	
Displacement D = weight div. by 1025.21 kg/m ³ or 64 lbs/cu. ft.		2.000	min. 1.7 m ³ or 60.27 cu. ft. (rule 7)
$\sqrt[3]{D}$		1.260	max. 2.0 m ³ or 70.62 cu. ft.
RATING			
Rating calc'd according to formula		5.500	
3 x tumble home excess		-	(rule 14)
FINAL RATING	add	5.500	

RULE PARTICULARS

	Actual ^(x)	Rule limits	Rule No.
HULL			
Immersion checked in salt/fresh water	date 1-7-78		5;27
Weight of inside ballast placed at _____	1	xx)	6;33
Beam	2.920	min. 1.90m or 6.23 ft.	7;9
Draft	1.345	max. 1.35m or 4.43 ft.	7
Freeboard at bow girth station	.695		
" at stern girth station	.683		
" at midship mark	.672		
" average	.680	min. 0.63m or 2.06 ft.	
Keel, ballast material	Lead	lead or iron	10
" ht. of round at bottom	.165	max. 75mm. or 3 in.	10
" width at max. section 1 metre below L.W.L.	.175	min. 150mm. or 5.9 in.	10
Stern angle	35°	min. 1 in 5.5	12
Round of beams	4	max. 7mm. in 305mm.	13
Tumble home	0.005	or 0.25 in. in 12 in.	14
2% of max. beam	.076		
Excess tumble home	subtract →	3 x excess added to rating	14
Area of deck openings	2.21	max. 2.25m ² or 24.25 sq. ft.	24
Cockpit forward of L1 mark	2.40	min. 1.75m or 5.74 ft.	25
Breadth of side decks	1.545	min. 35cm or 1.15 ft.	24
SAILS & RIGGING			
Height of sailplan above covering board level	11.100	max. 11.10m or 36.4 ft.	16
" " boom (black band) above covering board level	1.80	max. 0.85m or 2.795 ft.	17
" " fore triangle above covering board level (1)	1.950	max. 8.88m or 29.11 ft.	16
Base of fore triangle (J) (Deck black band to be checked)	2.693	max. 0.50 x 5	16
Min. headsail for measurement purposes = 0.5 x I x J x 80%	9.48		15
Spinnaker, halliard above forestay	.030	max. 10cm or 3.9 in.	20
" " out from mast	.180	max. 3cm or 1.18 in.	20
" breadth of half the foot	3.060	max. 1.25 x J	20
Storm spinnaker, breadth of half the foot	2.600	max. J	20
Spinnaker boom length	2.640	max. J	21
Mast diameter at 1/2 ht. of fore triangle, round mast	11.500	min. 11.5cm or 4.52 in.	22
" " at deck	10.900	min. 10.9cm or 4.30 in.	22
" " at jib halliards	9.200	min. 9.2cm or 3.62 in.	22
" " at top	5.800	min. 5.8cm or 2.26 in.	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	42 kg	min. 40 kgs or 88 lbs	22
Centre of gravity of mast above covering board level	4.58	min. 30% of mast ht.	22
Boom depth	.160	max. 15.2cm or 6 in.	23
Boom width	.171	min. 3.8cm or 1.5 in.	23
MISCELLANEOUS			
Weight of anchor	20	max. 13kgs or 26.45 lbs min. 11kgs or 24.24 lbs	26
Length of warp		min. 30m or 16.4 fathoms	26
Top of I marks above water with yacht in racing trim	50.10		5