

COPIE

Eignerwechsel

Klasse 5,5 m J.I
 Classe
 Segel-Nr. Z 125
 No de voile
 bishriger Bootsname MAROTTE
 ancien nom du yacht
 neuer Bootsname CLAPOTIS IX
 nouveau nom du yacht
 Baujahr 1980
 Année de constr.
 Bauwert Egger St Aubin
 Chantier
 Architecte J. Berret

Changement de propriétaire

Neuer Eigner Max RATTON
 Nouveau propriétaire
 Name
 Nom
 Club Club nautique de Versoix
 Adresse 33 ch. du Vieux port
1290 VERSOIX
 Datum 29.12.80 Der Vermesser
 Date Le jaugeur N. Charmillot

N. CHARMILLOT
 Jaugeur officiel
 de l'USY

Im USY-Register
 eingetragen am
19. JAN. 1981

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

I declare that the particulars given on this certificate are correct at this date

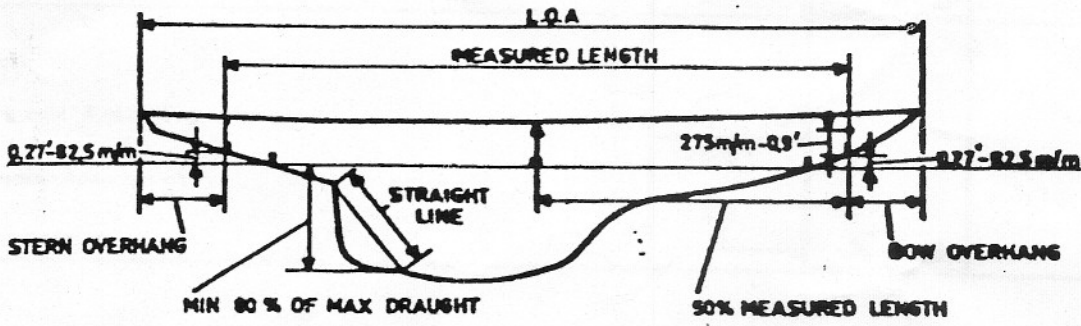
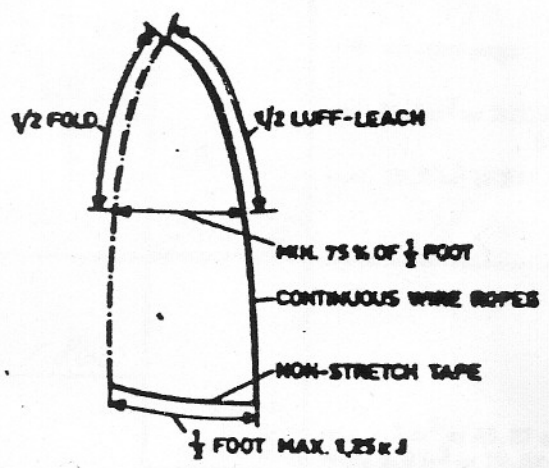
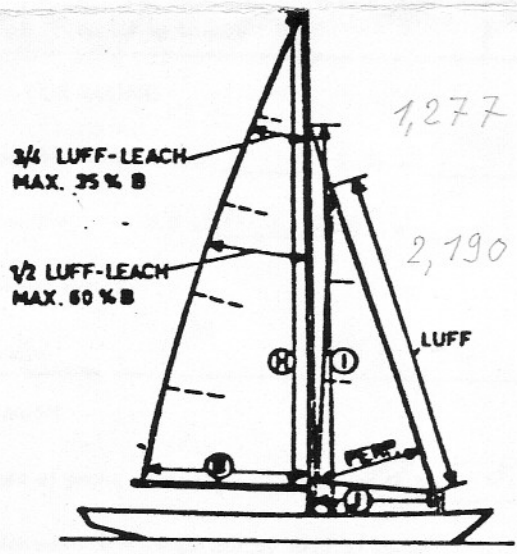
Signature of designer or builder

Signature of owner or his representative

(The designer or builder is only responsible for measurements at the date they are taken)

Certificate authorised by

Expiration date of rating certificate			
<u>11.5.821</u>			
Rated			
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.		9.116	
Bow overhang to L ₁	.963		
Stern overhang to L ₁	.843		
Total overhang	add	1.806	
Measured length L ₁		subtract 7.310	
Girth at bow	1.704		
Twice vertical height at bow (=0.550 m or 1.804 ft.)	.550		
Bow girth difference	subtract .154	.165 min	min. 0.165 m or 0.541 ft. (rule 3)
Girth at stem	1.655		
Twice vertical height at stem	.976		
Stern girth difference	subtract .679		
1/3 stern girth difference	div. by 3 .226	.234 min	min. 0.234 m or 0.768 ft. (rule 3)
Length L for rating formula		add 7.709	
SAIL AREA FOR RATING			
Largest headsail = 0.5 x _____ (luff) x _____ (perp)		29,651	min. see next page
Mainsail = 0.5 x 10,600 (M) x 3,650 (B)		24,700 19,395	min. 26.5 m ² or 285.0 sq. ft. (rule 7)
Total sail area S		add 29,000	max. 29.0 m ² or 312.0 sq. ft.
\sqrt{S}		5,385	
DISPLACEMENT			
Weight of yacht (date when weighed 12.5.80)		1,860	
Displacement D = weight div. by 1025.21 kg/m ³ or 64 lb/cu. ft.		1.815	min. 1.7 m ³ or 60.27 cu. ft. (rule 7) max. 2.0 m ³ or 70.62 cu. ft.
$\sqrt[3]{D}$		1.220	
RATING			
Rating calc'd according to formula		5.498	
3 x tumble home excess			(rule 14)
FINAL RATING		add 5.50	

RULE PARTICULARS

	Actual ^{x)}	Rule limits	Rule No.
HULL			
Immersion checked in salt/fresh water	date 12.5.80		5;27
Weight of inside ballast placed at <u>after End of cockpit</u>	20 kg.	xx)	6;33
Beam	1.928	min. 1.90m or 6.23 ft.	7;9
Draft	1.350	max. 1.35m or 4.43ft.	7
Freeboard at bow girth station	728		
at stern girth station	571		
at midship mark	609		
average	1.903	0.636	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.	165	min. 150mm. or 5.9in.	10
Stern angle	0.262	min. 1 in 5.5 = 0.182	12
Round of beams	nil	max. 7mm. in 305mm.	13
Tumble home	0.020	or 00.25in. in 12in.	14
2% of max. beam	0.039		
Excess tumble home	subtract →	3 x excess added to rating	14
Area of deck openings	2.204	max. 2.25m ² or 24.25 sq. ft.	24
Cockpit forward of L1 mark	2.260	min. 1.75m or 5.74ft.	25
Breadth of side decks	1.365	min. 35cm or 1.15ft.	24
SAILS & RIGGING			
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 J	16
Min. headsail for measurement purposes = 0.5 x I x J x 80%	9.564		15
Spinnaker, halliard above forestay	1.050	max. 10cm or 3.9in.	20
" out from mast	1.010	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	2.692	max. J	21
Mast diameter at 1/2 ht. of fore triangle, round mast	104 x 145	min. 11.5cm or 4.52 in.	22
" at deck	104 x 145	min. 10.9cm or 4.30in.	22
" at jib halliards	104 x 145	min. 9.2cm or 3.62in.	22
" at top	60 x 75	min. 5.8cm or 2.26in.	22
(The aftwardship 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	42%	min. 38% of mast ht.	22
Boom depth	1180	max. 15.2cm or 6in.	23
Boom width	1069	min. 3.8cm or 1.5in.	23
MISCELLANEOUS			
Weight of anchor	13 kg.	max. 13kgs or 26.45lbs min. 11kgs or 24.24lbs	26
Length of warp		min. 30m or 16.4 fathoms	26
Top of l marks above water with yacht in racing trim			5