

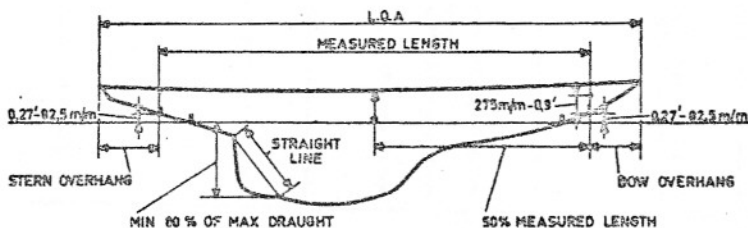
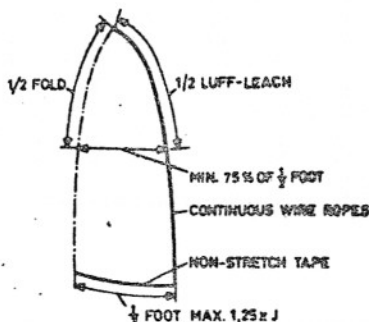
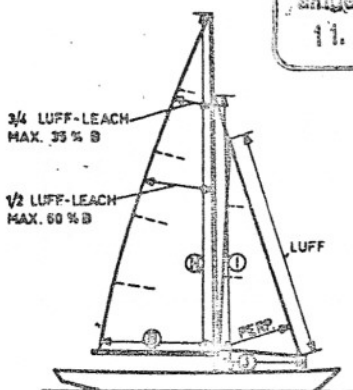
# THE INTERNATIONAL 5.5 METRE CLASS CERTIFICATE OF RATING

36.

No. 900,419

Yacht's name <i>Red Rooster</i>	Classification society <i>Bureau Veritas, Paris</i>
Permanent sail number <i>Z 36</i>	Expiration date of classification certificate <i>11.7.73</i>
Owner <i>J. Sammet</i>	Measurements or partial remeasurements by N.A. Measurer, signature & date
Owner's club <i>SCYC</i>	
Designer <i>Ohlson</i>	
Builder <i>Kunz's Yacht Yard</i>	USY - VANT
Date completed <i>1960</i>	<i>O. W. [Signature]</i>
Condition of water when marks were sighted State fresh or salt <i>fresh</i>	CH - 8200 Kilchberg/ZH
Difference in immersion (class rule 5) <i>6mm</i>	<i>5,496</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>18.5.74</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 <i>TZ: 6.9.72 K. [Signature]</i>	for <i>Union Suisse de Yachting</i> (National Authority)

Im USY-Register  
eingetragen am  
11. SEP. 1972



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*Louis Novenas. aux yeux ?*

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.		9.762	
Bow overhang to L <sub>1</sub>	1.218		
Stern overhang to L <sub>1</sub>	1.507		
Total overhang	add	2.725	
Measured length L <sub>1</sub>		subtract	
		7.237	
Girth at bow	0.731		
Twice vertical height at bow (=0.550 m or 1.804 ft.)	0.550		
	subtract		
Bow girth difference		0.187	min. 0.165 m or 0.541 ft. (rule 3)
Girth at stern	1.744		
Twice vertical height at stern	0.982		
	subtract		
Stern girth difference		0.762	
	div. by 3		
1/3 stern girth difference		0.254	min. 0.234 m or 0.768 ft. (rule 3)
Length L for rating formula		add	
		7.672	
<b>SAIL AREA FOR RATING</b>			
Largest headsail = 0.5 x _____ (luff) x _____ (perp)		9.590	min. see next page
Mainsail = 0.5 x 3.697 (A) x 10.500 (B)		19.409	min. 26.5 m <sup>2</sup> or 285.0 sq. ft. (rule 7)
Total sail area S		add	
		28.999	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 26.3.62)		1820	
Displacement D = weight div. by 1025.21 kg/m <sup>3</sup> or 64 lbs/cu. ft.		1.776	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.
$\sqrt[3]{D}$		1.211	
<b>RATING</b>			
Rating calculated according to formula		5.496	
3 x tumble home excess		-	
		add	
FINAL RATING		5.496	(rule 14)

RULE PARTICULARS

	Actual <sup>x)</sup>	Rule limits	Rule No.
<b>HULL</b>			
Immeration checked in salt/fresh water	date 1972		5;27
Weight of inside ballast placed at <u>center of yacht</u>	256	xx)	6;33
Beam	1.905	min. 1.90m or 6.23 ft.	7;9
Draft	1.332	max. 1.35m or 4.43ft.	7
Freeboard at bow girth station	0.724		
" at stern girth station	0.725		
" at midship mark	0.607		
" average	0.685	min. 0.63m or 2.06ft.	
Keel, ballast material	lead	lead or iron	10
" ht. of round at bottom	0.070	max. 75mm. or 3 in.	10
" width at max. section 1 metre below L.W.L.	0.155	min. 150mm. or 5.9in.	10
Stern angle	1.5.5	min. 1 in 5.5	12
Round of beams	2.305	max. 7mm. in 305mm.	13
Tumble home	0.055	or 00.25in. in 12in.	14
2% of max. beam	0.076		
Excess tumble home	subtract	3 x excess added to rating	14
Area of deck openings	2.0 m <sup>2</sup>	max. 2.25m <sup>2</sup> or 24.25 sq. ft.	24
Cockpit forward of L1 mark	< 1.75	imp. 1.75m or 5.74ft.	25
Breadth of side decks	0.585	min. 35cm or 1.15ft.	24
<b>SAILS &amp; RIGGING</b>			
Height of sailplan above covering board level	11.700	max. 11.10m or 36.4ft.	16
" boom (black band) above covering board level	0.600	max. 0.85m or 2.795ft.	17
" fore triangle above covering board level (1)	2.880	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 J x 80%	9.555		15
Spinnaker, halliard above forestay	0.070	max. 10cm or 3.9in.	20
" out from mast	0.005	max. 3cm or 1.18in.	20
" breadth of half the foot	3.585	max. 1.25 x J	20
Storm spinnaker, breadth of half 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	0.105	min. 11.5cm or 4.52 in.	22
" " at deck " "	0.105	min. 10.9cm or 4.30in.	22
" " at jib halliards " "	0.105	min. 9.2cm or 3.62in.	22
" " at top " "	0.060	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)	square section according to rule		
Weight of mast with fixed fittings	44	min. 40 kgs or 88 lbs	22
Centre of gravity of mast above covering board level	4.50	min. 30% of mast ht.	22
Boom depth	< 0.12	max. 15.2cm or 6in.	23
Boom width	> 0.040	min. 3.8cm or 1.5in.	23
<b>MISCELLANEOUS</b>			
Weight of anchor	12	max. 13kgs or 26.45lbs min. 11kgs or 24.24lbs	26
Length of warp	50 m	min. 30m or 16.4 fathoms	26
Top of l marks above water with yacht in racing trim			5