

# International 5.5 Metre Class Certificate of Rating

Yacht's Name: Cybèle ..... Sail Number: Z-98 .....  
 Owner: Loïc Gausson ..... Owner's Club: CNM .....  
 Designer: Br. Chance / P. Noverraz ..... Date Completed: .....  
 Has designer's or builder's declaration been supplied: YES / NO (Delete whichever is applicable)

Condition of water when marks were sighted: ..... State fresh or salt: fresh .....  
 Difference in immersion (class rule 5): 0.006... (metres)

Classification Society: VERITAS Paris .....  
 Expiration date of classification certificate: .....

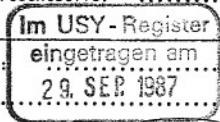
Measurements or partial re-measurements by National Authority Measurer, signature and date and Item No:

Signature AZ Penn ..... Date 22. VIII. 87 ..... Item No all .....  
 .....  
 .....

Expiration date of rating certificate: .....  
 Re-Rated: .....

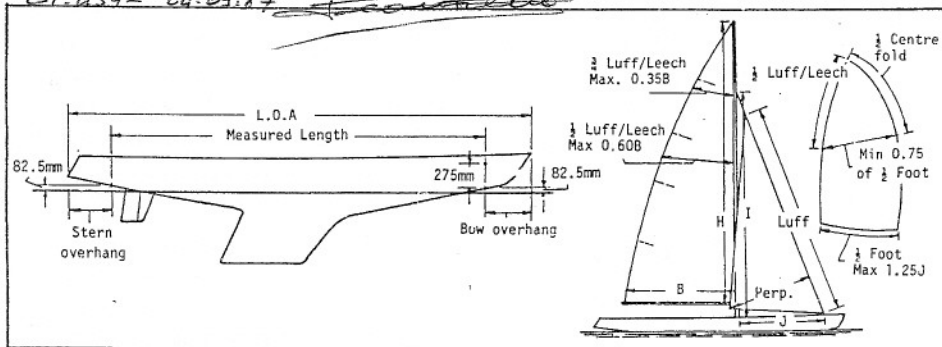
I certify that the measurements entered on this certificate have been properly taken and that to the best of my knowledge and belief the boat complies with the Rules of the International 5.5 Metre Class.

Signature of Measurer: AZ Penn .....  
 Signature of designer or builder: .....  
 Signature of owner or representative: .....



Certificate authorised by: ..... Date: .....  
 For: ..... (enter name of National Authority).

CT-USY-24.09.87



Item No.		Actual	Rule Limits	Rule No.
	HULL			
1	Immersion checked in <u>safe/fresh</u> water	date <u>21. VII</u>		5,24
2	Weight of inside ballast placed at <u>front of rudder</u>	<u>68 kg</u>		27
3	Beam	<u>1.909</u>	min. 1.90m	2,8
4	Max. Draft	<u>1.301</u>	max. 1.35m	2
5	Freeboard at bow girth station	<u>0.724</u>		4
6	Freeboard at stern girth station	<u>0.590</u>		4
7	Freeboard at midship mark	<u>0.631</u>		4
8	Freeboard average	<u>0.648</u>	min. 0.63m	4
9	Keel and ballast materials	<u>lead</u>	lead or iron	9(iii)
10	Keel height of round at bottom	<u>&gt;75</u>	min. 75mm	9(iv)
11	Maximum section width down to 1m from LWL	<u>&gt;150</u>	min. 150mm	9(iv)
12	Stern angle	<u>&gt;1:5.5</u>	min. 1 in 5.5	11
13	Round of beams	<u>ok</u>	max. 7mm in 305mm	12
14	Tumblehome	<u>-</u>		13
15	Deduct 2% of max. beam	<u>-</u>		
16	Excess tumblehome	<u>-</u>	3 x excess added to rating	13
17	Area of deck openings	<u>2.07</u>	max. 2.25m <sup>2</sup>	21
18	Cockpit forward of L1 mark	<u>2.232</u>	min. 1.75m	22
19	Breadth of side decks	<u>0.360</u>	min. 35cm	21
	SAILS AND RIGGING			
20	Height of sailplan above covering board level	<u>11.095</u>	max. 11.10m	14
21	Height of boom (black band) above covering board level	<u>0.500</u>	max. 0.85m min. 0.50m	16
22	Height of fore triangle above covering board level (1)	<u>8.84</u>	max. 8.88m	15
23	Base of fore triangle (J) (Deck black band to be checked)	<u>2.693</u>	max. 0.50 x $\sqrt{S}$	14
24	Min. Headsail for measurement purposes = $0.5 \times l \times J \times 80\%$	<u>9.512</u>		14
25	Spinnaker, halliard above forestay	<u>0.100</u>	max. 10cm	17
26	Spinnaker halliard out from mast	<u>0.020</u>	max. 3cm	17
27	Spinnaker breadth of half the foot	<u>3.366</u>	max. 1.25 x J	17
28	Storm spinnaker, breadth of half the foot	<u>2.693</u>	max. J	17
29	Spinnaker boom length	<u>2.693</u>	max. J	18
30	Mast diameter at $\frac{1}{2}$ ht. of fore triangle, round mast	<u>10.4 x 13.7</u>	min. 11.5cm	19
31	Mast diameter at deck, round mast	<u>10.4 x 13.7</u>	min. 10.9cm	19
32	Mast diameter at jib halliards, round mast	<u>9.5 x 12.0</u>	min. 9.2cm	19
33	Mast diameter at top, round mast	<u>6.2 x 8.6</u>	min. 5.8cm	19
	(The athwartships diameter of oval masts may be reduced by 10% of the above, but the sectional areas shall not be less)			
34	Tip weight of mast	<u>21 kg</u>	min. 16kgs	19
35	Boom depth	<u>12.3</u>	max. 15.2cm	20
36	Boom width	<u>6.8</u>	min. 3.8cm	20

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Item No.	Actual	Rule Limits	Rule No.
1			
2			
3	13 kg	max. 13kgs min. 11kgs	23
4	30 m	min. 30m	23
5	ok		5

Item No.	Actual Measures	Rule Limits
<b>LENGTH L FOR RATING</b>		
40	Overall length L.O.A.	
41	Bow overhang to L <sub>1</sub>	
42	Stern overhang L <sub>1</sub>	
43	Total overhang	
44	Measured length L <sub>1</sub>	
46	Twice vertical height at bow (=0.550m)	
47	Bow girth difference	min. 0.165m (rule 3)
48	Girth at stern	
49	Twice vertical height at stern	
50	Stern girth difference	
51	1/3 stern girth difference	min. 0.234m (rule 3)
52	Length L for rating formula	
<b>SAIL AREA FOR RATING</b>		
53	Largest headsail = 0.5 x _____ (luff) x _____ (perp)	min. see item 24
54	Mainsail = 0.5 x <u>10.595</u> (H) x <u>3.679</u> (B)	min 26.5m <sup>2</sup> (rule 2)
55	Total sail area S	max. 29.0m <sup>2</sup>
56	$\sqrt{S}$	
<b>DISPLACEMENT</b>		
57	Weight of yacht (date when weighed) <u>31. XII. 86</u>	
58	Displacement D = weight div. by 1025.21kg/m <sup>3</sup>	min. 1.7m <sup>3</sup> (rule 2)
59	$\sqrt{D}$	max 2.0m <sup>3</sup>
<b>RATING</b>		
60	Rating calculated according to formula	
61	3 x tumblehome excess	(rule 13)
62	FINAL RATING	

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