



# INTERNATIONAL FIVE point FIVE METRE CLASS

<b>Yacht's Name</b> .....	<b>Club</b> .....
<b>Sail Number</b> .....	
<b>Designer</b> .....	
<b>Builder</b> .....	<b>Building Year</b> .....
<b>Owner</b> .....	
<b>Owner's Address</b> .....	
<b>Veritas R class certificate (Number or Date)</b> .....	

RATING CERTIFICATE	
This yacht has been measured by measurer(s) approved by this Authority and has been found to rate not more than 5.5 m.	
This certificate is dated _____	
and its validity confirmed by _____	
for	_____ (enter name of National Authority)
Valid until	_____
Supersedes	_____ (enter former certif. number or date)
Signature _____	Stamp of Authority

**Comments:**

Item No	Rule No	Measurement	Min	Actual	Max
<b>HULL</b>					
1	23	Immersion checked in salt or fresh water			
		Difference of immersion with salt water			
2	13	Weight of inside ballast placed at _____			
3	5	Beam	1.90m		
4	2	Max draft			1.350m
5	4	Freeboard at bow girth station			
6	4	Freeboard at stern girth station			
7	4	Freeboard at midship mark	0.560m		
8	4	Freeboard average (item 5+6+7)	0.628m		
9	14(iii)	Keel and ballast material (lead or iron)			
10	14(iv)	Keel height of round at bottom			
11	14(iv)	Maximum section width down to 1m below LWL			
12	8	Stern angle	1 in 5.5		
13	9	Round of beams (Max 7mm in 305 mm)			7mm
14	10	Tumblehome			
15		Deduct 2% of maximum beam			
16	10	Excess tumblehome (item 14-15)			
17	11	Area of deck opening			2.25m <sup>2</sup>
18	12	Cockpit forward of L1 mark	1.75m		
19	11	Breadth of side decks	0.350 m		
<b>MISCELLANEOUS</b>					
37	29	Weight of anchor	11.5kg		13kg
38	29	Length of wrap	30.5 m		
39	23	Top of I marks above water with yacht in racing trim			

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Item No	Rule No	Measurement	Min	Actual	Max
<b>SAILS AND RIGGING</b>					
20	16	Height of sail plan above covering board level			11.100m
21	18	Height of boom (black band) above covering board level	0.500m		0.850m
22	17	Height of foretriangle above covering board level (I)			8.880m
23	16	Base of foretriangle (J) (Deck black band to be checked)			
24	16	Min. headsail for measurement purpose			
25	19	Spinnaker halyard above forestay			
26	19	Spinnaker halyard out from mast			
27	19	Spinnaker breadth of half foot (Max = 1.25 x J)			
28	19	Storm spinnaker breadth of half foot			
29	19	Spinnaker boom length			
30	21	Mast diameter at 1/2 height of foretriangle	11.5cm		
31	21	Mast diameter at deck	10.9cm		
32	21	Mast diameter at jib halyard	9.2cm		
33	21	Mast diameter at top	5.8cm		
	21	Forward-Aft mast profile measurement	125mm		
	21	Athwartsips mast profile measurement	75mm		
	21	Constant section from heel to min 6m			
	21	Permanent set not exceeding 50mm between marks			
34	21	Tip weight of mast (old min 40 kg)	16kg		
35	22	Boom depth			15.2cm
36	22	Boom width	3.8cm		
<b>LENGTH FOR RATING</b>					
40	3	Overall length LOA			
41	3	Overhang Forward to L1			
42	3	Overhang Aft to L1			
43	3	Total Overhang (Subtract)			
44	3	MEASURED LENGTH (L1 L1)			
45	3	Girth at Bow			
46	3	Twice vertical Height at Bow (Subtract)			
47	3	O at Bow	0.165m		
48	3	Girth at Stern			
49	3	Twice vertical Height at Stern (Subtract)			
50	3	O at Stern			
51	3	Add 1/3 O at Stern	0.234m		
52	3	Correct length			
<b>SAIL AREA FOR RATING</b>					
53	17	Largest headsail [m <sup>2</sup> ]	0.000		0.000
54	18	Mainsail (Height)	H:		
		Mainsail (between mast and boom band)	B:		
		1/4 main sail girth (Including rope max 35% of B)			
		1/2 main sail girth (Including rope max 60% of B)			
55	2	Total sail area S (53+54)	26.5m <sup>2</sup>		29.0m <sup>2</sup>
56	2	Square root of S			
<b>DISPLACEMENT</b>					
57	13	Weight of yacht			
58	13	Displacement D=weight/1025.21	1.7m <sup>3</sup>		2.0m <sup>3</sup>
59	13	Cubic root of D			
<b>RATING</b>					
60	2	Rating calculated according to formula			
61	10	3x tumblehome excess (add to item 60 for final rating)			
62	2	<b>FINAL RATING</b>			

<b>Yacht's Name</b> .....	<b>Sail Number</b> .....
This certificate is dated	
Signature .....	Stamp of Authority