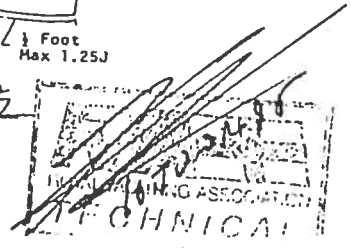
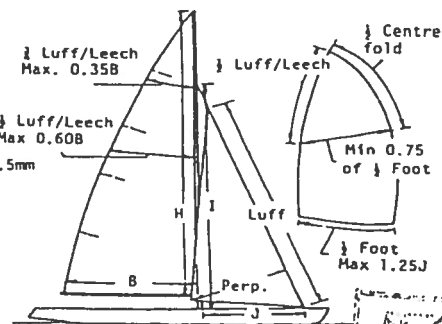
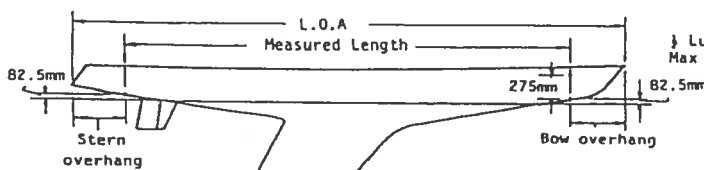


NATIONAL 5.5 METRE CLASS

JALAMANDER IV - GBR 38

DIMENSIONS

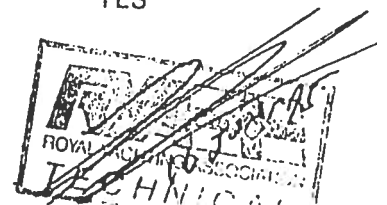
No.	Rule	Measurement	Min	Actual	Max
HULL					
1	23(e)	Immersion checked in SALT water on 2 JUNE 1995			
2	13	Weight of inside ballast placed amidships		NIL	
3	5	Beam	1.900m	1.917m	
4	2	Max Draft		1.348m	1.350m
5	4	Freeboard at bow girth station		0.779m	
6	4	Freeboard at stern girth station		0.567m	
7	4	Freeboard at midship mark		0.611m	
8	4	Freeboard average (item (5+6+7) ÷ 3))	0.628m	0.652m	
9	14(iii)	Keel and ballast materials (lead or iron)		LEAD	
10	14(iv)	Keel height of round at bottom	0.075m	0.265m	
11	14(iv)	Maximum section width down to 1m from LWL	0.150m	0.158m	
12	8	Stern angle	1 in 5.5	1/5:43	
13	9	Round of beams		0.004	7mm in 305
14	10	Tumblehome		0	
15	10	2% of max beam		0.383	
16	10	Excess tumblehome (item 14-15)		0	
17	11	Area of deck openings		2.112m ²	2.25m ²
18	12	Cockpit forward of L1 mark	1.75m	2.380m	
19	11	Breadth of side decks	0.35m	0.385m	



INTERNATIONAL 5.5 METRE CLASS

SALAMAMDER IV - GBR 38

No.	Rule	Measurement	Min	Actual	Max
SAILS AND RIGGING					
20	16	Height of sailplan above covering board level		11.100m	11.10m
21	18	Height of boom (black band) above covering board level	0.5m	0.820m	0.85m
22	17	Height of fore triangle above covering board level (I)		8.850m	8.88m
23	16	Base of fore triangle (J)		2.692m	0.50x√S
24	16	Min Headsail for measurement purposes = ½ x l x J x 80%		9.529m	
25	19	Spinnaker, halliard above forestay		0.100m	0.100m
26	19	Spinnaker halliard out from mast		0.030m	0.030m
27	19	Spinnaker breadth of half the foot		3.365m	1.25xJ
28	19	Storm spinnaker, breadth of half the foot		2.692m	J
29	20	Spinnaker boom length		2.692m	J
30	21	Mast diameter at ½ ht of fore triangle, round mast	0.115m	0.116m	
31	21	Mast diameter at deck, round mast	0.109m	0.116m	
32	21	Mast diameter at jib halliards, round mast	0.092m	0.104m	
33	21	Mast diameter at top, round mast	0.058m	0.064m	
		(The athwartships diameter of oval masts may be reduced by 10% of the above, but the sectional areas shall not be less)		OK	
34	21	Tip weight of mast	16kgs	20kgs	
35	22	Boom depth		0.145m	0.152m
36	22	Boom width	0.38m	0.98m	
MISCELLANEOUS					
37	29	Weight of anchor	11kgs	12.5kgs	13kgs
38	29	Length of warp (min diameter 9mm)	30m	30m	
39	23	Top of I marks above water with yacht in racing trim		YES	



**INTERNATIONAL 5.5 METRE CLASS
SALAMANDER IV - GBR 38**

No.	Rule	Measurement	Min	Actual	Max
LENGTH L FOR RATING					
40	3	Overall length LOA		9.404m	
41	3	Bow overhang to L ₁		0.835m	
42	3	Stern overhang L ₁		1.232m	
43	3	Total overhang (item 41 + 42)		2.067m	
44	3	Measured Length L ₁ (item 40-43)		7.337m	
45	3	Girth at bow		0.686m	
46	3	Twice vertical height at bow (=0.550m)		0.550m	
47	3	Bow girth difference (item 45-46, 0.165min)		0.165m	
48	3	Girth at stern		1.864m	
49	3	Twice vertical height at stern		0.969m	
50	3	Stern girth difference (item 48-49)		0.895m	
51	3	1/3 stern girth difference (50 ÷ 3)	0.234m	0.298m	
52	3	Length L for rating formula (item 44 + 47 + 51)		7.800m	
SAIL AREA FOR RATING					
53	17	Largest headsail = ½P x ____ (luff) x ____ (perp)	item 24	9.529m	
54	18	Mainsail = ½ x 10.300(H) x 3.781(B)		19.471m	
55	2	Total sail area S (53 + 54)	26.5m ²	29.00m ²	29.00m ²
56		√S		5.385m	
DISPLACEMENT					
57	13	Weight of yacht 31 June 1995		1975kgs	
58	13	Displacement D = weight ÷ 1025.21kg/m ³	1.7m ³	1.926m ³	2.0m ³
59	13	³ √D		1.244m	
RATING					
60	2	Rating calculated according to formula		5.499m	
61	10	3 x tumblehome excess (add to item 60 for rating)		NIL	
62	2	FINAL RATING		5.499m	

