

International 5.5 Metre Class Certificate of Rating

Yacht's Name: JOHN B VII
 Designer: Mr. R. H. Symonette
 Owner: Nassau Yacht Club
 Date Completed: June 1985
 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: SALT
 Difference in immersion (class rule 5):

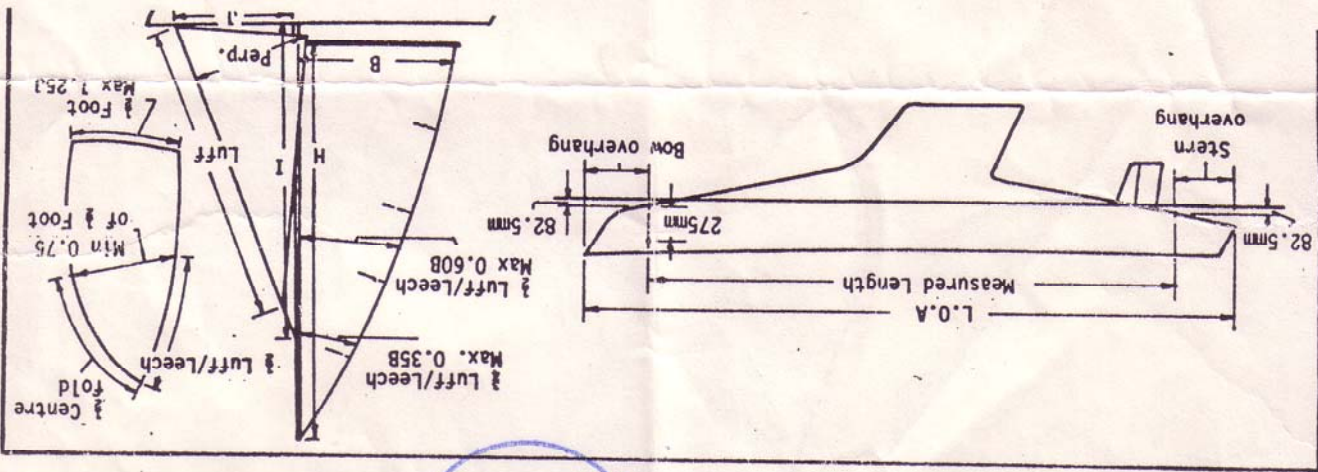
Classification Society: LLOYDS
 Expiration date of classification certificate: June 1989

Signature	Date	Item No	Weighted and Sighted	Weighted
Dennis O. Heywood	27-6-85			
Texas Corinthian Yacht Club	1986			
Expiration date of rating certificate:	28-4-91			
Re-Rated:	29-4-89			

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: Dennis O. Heywood
 Signature of designer or builder: W. Muir
 Signature of owner or representative: W. Muir

Certificate authorised by: P.M. Stuart
 Date: 29-4-89
 For: BAHAMAS YACHTING ASSOCIATION
 (enter name of National Authority)



HULL

5,24	date 27-6-85		Immerston checked in salt/fresh water	
27			Weight of inside ballast placed at	NIL
2,8	min. 1.90m	1.922	Beam	
2	max. 1.35m	1.339	Max. Draft	
4	min. 0.63m	.649	Freeboard average	
9(111)	Lead or Iron	LEAD	Keel and ballast materials	
9(IV)	min. 75mm	10	Keel height of round at bottom	
9(IV)	min. 150mm	158	Maximum section width down to 1m from LWL	
11	min. 1 in 5.5	1:5.5	Stern angle	
12	max. 7mm in 305mm	1 mm.	Round of beams	
13			Tumblehome	NIL
13			Deduct 2% of max. beam	N/A
16	3 x excess added to rating	NIL	Excess tumblehome	
17	max. 2.25m ²	2.240	Area of deck openings	
18	min. 1.75m	2.156	Cockpit forward of L1 mark	
19	min. 35cm	.416	Breadth of side decks	
20	max. 11.10m	11.094	Height of saltpian above covering board level	
21	max. 0.85m min. 0.50m	.850	Height of boom (black band) above covering board level	
22	max. 8.88m	8.880	Height of fore triangle above covering board level (1)	
23	max. 0.50 x $\sqrt{5}$	2.635	Base of fore triangle (J) (Deck black band to be checked)	
24		9.359	Min. Headsail for measurement purposes = 0.5 x I x J x 80%	
25	max. 10cm	.910	Spinnaker, halliard above forestay	
26	max. 3cm	.020	Spinnaker halliard out from mast	
27	max. 1.25 x J	3.293	Spinnaker breadth of half the foot	
28	max. J	2.635	Storm spinnaker, breadth of half the foot	
29	max. J	2.635	Spinnaker boom length	
30	min. 11.5cm	142x103	Mast diameter at 1/2 ht. of fore triangle, round mast	
31	min. 10.9cm	141x104	Mast diameter at deck, round mast	
32	min. 9.2cm	127x104	Mast diameter at jib halliards, round mast	
33	min. 5.8cm	76 x 81	Mast diameter at top, round mast	
34	min. 16kgs	19.5	Tip weight of mast	(The athwartships diameter of oval masts may be reduced by 10% of the above, but the sectional areas shall not be less)
35	max. 15.2cm	103	Boom depth	
36	min. 3.8cm	73.5	Boom width	

No.	MISCELLANEOUS	Actual Measures	Rule Limits
39	Top of I marks above water with yacht in racing trim	YES	5
38	Weight of anchor	11 kgs. max. 13kgs min. 11kgs	23
37	Length of warp (min. diameter 9mm)	30 m min. 30m	23
LENGTH L FOR RATING			
40	Overall length L.O.A.	9.311	
41	Bow overhang to L ₁	.942	
42	Stern overhang L ₁	1.098	
43	Total overhang	2.040	
44	Measured length L ₁	subtract 7.271	
45	Girth at bow	.707	
46	Twice vertical height at bow (=0.550m)	subtract .550	
47	Bow girth difference	subtract .165	
48	Girth at stern	1.675	
49	Twice vertical height at stern	subtract .931	
50	Stern girth difference	subtract .744	
51	1/3 stern girth difference	div. by 3 .248	
52	Length L for rating formula	add 7.684	min. 0.234m (rule 3)
SAIL AREA FOR RATING			
53	Largest headsail = 0.5 x 850hs (luff) x 2.8m (perp)	9.827	min. see item 24
54	Mainsail = 0.5 x 10.234 (H) x 3.625 (B)	18.549	min 26.5m ² (rule 2)
55	Total sail area S	add 28.376	max. 29.0m ²
56	\sqrt{S}	5.327	
DISPLACEMENT			
57	Weight of yacht (date when weighed) 28-4-89	1745 Kgs.	
58	Displacement D = weight div. by 1025.21kg/m ³	1.702	min. 1.7m ³ (rule 2)
59	$\sqrt[3]{D}$	1.194	max 2.0m ³ (rule 2)
RATING			
60	Rating calculated according to formula	5.497	
61	3 x tumblehome excess	NIL	(rule 13)
62	FINAL RATING	add 5.497	