

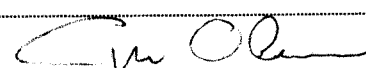
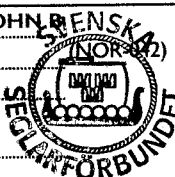
Item No	Rule No	Measurement	Min	Actual	Max
<b>SAILS AND RIGGING</b>					
25	16	Height of sail plan above covering board level		11,100	11,100m
26	18	Height of boom (black band) above covering board level	0,500m	0,740	0,800m
27	17	Height of foretriangle above covering board level (l)		8,878	8,880m
28	16	Base of foretriangle (j) (Deck black band to be checked) $0.5 \times j^2$		2,684	2,684m
29	16	Min. headsail for measurement purpose		9,533	
30	19	Spinnaker halyard above forestay		90mm	100mm
31	19	Spinnaker halyard out from mast		20mm	30mm
32	19	Spinnaker breadth of half foot (Max = $1.25 \times j$ )		3,355	$1.25 \times j$
33	19	Spinnaker boom length & storm spinnaker breadth of half foot		2,684	j
34	19	Spinnaker boom material		Al	
35	19	Spinnaker 1/2 girth (min 75% foot)		2,517	
36		Mast material <input type="text" value="Aluminium"/> boom material <input type="text" value="Aluminium"/>			
37	21	Mast diameter at 1/2 height of foretriangle	115mm	105x139	
38	21	Mast diameter at deck	109mm	105x139	
39	21	Mast diameter at jib halyard	92mm	95x132	
40	21	Mast diameter at top	58mm	48x91	
41	21	Forward-Aft mast profile measurement	125mm	139mm	
42	21	Athwartships mast profile measurement	75mm	105mm	
43	21	Constant section from heel to min 6m		Yes	
44	21	Permanent set not exceeding 50mm between marks		Not	
45	21	Tip weight of mast (old min 40 kg)	16kg	18kg	
46	22	Boom depth		105mm	152mm
47	22	Boom width	38mm	74mm	

<b>LENGTH FOR RATING</b>					
48	3	Overall length LOA		9,425	
49	3	Overhang Forward to $L_1$		1,089	
50	3	Overhang Aft to $L_1$		0,879	
51	3	Total Overhang (Subtract)		1,968	
52	3	MEASURED LENGTH ( $L_1$ , $L_2$ )		7,457	
53	3	Girth at Bow		0,715	
54	3	Twice vertical Height at Bow (Subtract)		0,550	
55	3	O at Bow	0,165m	0,165	
56	3	Girth at Stern		1,600	
57	3	Twice vertical Height at Stern (Subtract)		0,903	
58	3	O at Stern		0,697	
59	3	Add 1/3 O at Stern	0,234m	0,232	
60	3	Correct length		7,856	

<b>SAIL AREA FOR RATING</b>					
61	17	Largest headsail = $0.5 \times$ luff <input type="text" value="8,280"/> $\times$ perpendicular <input type="text" value="2,320"/>		9,533	9,605
62	18	Mainsail = $0.5 \times$ height (H) <input type="text" value="10,360"/> $\times$ boom length (B) <input type="text" value="3,710"/>			19,218
63		1/4 main sail girth 36% of B <input type="text" value="1,336"/> 1/2 main sail girth 62% B <input type="text" value="2,300"/>			
64	2	Total sail area S (53+54)		26.5m <sup>2</sup>	28,823
65	2	Square root of S			5,369

<b>DISPLACEMENT</b>					
66	13	Weight of yacht [kg] _____ 14-15 date		1743kg	2035kg
67	13	Displacement $D = \text{weight} / 1025$		1.7m <sup>3</sup>	1,985
68	13	Cubic root of D			1,257

<b>RATING</b>					
69	2	Rating calculated according to formula		5,492	
70	10	3x tumblehome excess (add to item 69 for final rating)		0,000	
71	2	<b>FINAL RATING</b>		5,492	5,500

Yacht's Name	POP'S JOHN B	ex POP'S JOHN B (NOR-011)	International 5.5 metre class
Sail Number	SWE 64	ex BAH-011	
This certificate is dated _____			
Signature	 		
name _____			