I4 Class Measurement Form

In order to obtain a measurement certificate:

[1] The Owner shall apply to his National Authority for a sail number.

[2] An Official Measurer, recognized by the National Authority, shall take all measurements on this form. The boat is required to conform to all the Class Rules, including those not stated on this form.

[3] The Measurement Form and Certificate, when complete, shall be returned by the Owner to the National Authority, together with any fee required by the National Authority.

[4] On receipt of a satisfactory Measurement Form and Certificate, the National Authority will either endorse the Certificate, or issue a separate Measurement Certificate. The boat remains uncertified, until the Measurement Certificate is signed by the Owner.

This form remains valid for only 30 days from the date when the measurement of the boat is completed. After which time, the boat must be re-measured.

Before returning this form to the National Authority, please ensure that it is fully completed in all sections.

Name of boat: _____ Sail No: _____

Owner's Name: _____ Phone: _____

Owner's Address: _____

_____

_____

Owner's Club: _____

Builder's Name: _____ Design: _____

Date Built: _____ Date Measurement Completed: _____

GENERAL NOTES FOR MEASURERS

[1] If the Measurer has any doubt about the compliance of any part of the boat with any of the Class Rules, he shall enter the details on this form, mark it accordingly and enter the details under the Declarations on page 4 of this form.

[2] All measurements are Metric. (1" = 2.54 mm, 1 lb. = 2.205 kg)

[3] All measurements are to be made in accordance with the relevant Class Rule. The Class Rules are the sole authority.

Check	Rule No.	Measurement	Actual		Limit/required answer
HULL					
1	1(a)	Length of hull.	mm	-	Max. 4267mm
2		Do any stem fittings project more than 25mm beyond the surface of the hull?	-	Yes/No	No
3		Are there any fittings having the effect of elongating the hull beyond 4267mm?	-	Yes/No	No
4	1(b)	Do the bowsprit and its support comply with the requirements of Rule 1(b)?	-	Yes/No	Yes
5	2(a)	Width of hull including fittings and gunwale.	mm	-	Max. 1830mm
6	3(a)	Rise of floor at measurement point (beam of 1040mm, at 2134mm aft of bow).	mm	-	Max. 200mm
7	3(b)	Depth of hull	mm	-	Min. 508mm
8	3(c)	Beam of outside of skin at any point above the measurement point in 3(a), up to sheer line	mm	-	Min. 1040mm
9	4	Is the sheerline straight or a fair continuous curve?	-	Yes/No	Yes
10	5	Does the maximum distance of a 600mm taut tape held between any two points between the transom and 1600mm aft of the bow and more than 150mm below the sheer line, exceed 2mm?	-	Yes/No	No
11	8(a)	Hull weight without correctors.	kg	-	-
12		Total hull weight with correctors – until 31/5/07 – from 1/6/11 to 31/5/13 – from 1/6/13	kg	-	 Min. 74.25kg Min. 72.0kg Min. 70.0kg
13	10(a)	Is the boat constructed from buoyant materials?	-	Yes/No	If no, buoyancy test required
14	10(b)(i)	Does the boat have at least 0.085 m^3 of watertight volume?	-	Yes/No	Yes
15	10(b)(ii)	For boats constructed of non-buoyant materials, are there at least 0.085m^3 of rigid foam or air bags, contained in at least three independent watertight units?	-	Yes/No/ Exempt	Yes or Exempt
16	10(b)(iii)	Are the buoyancy covers closed in a manner that prevents accidental opening?	-	Yes/No	Yes
17	12(e)(i)	What is the maximum distance the end of the spinnaker pole can reach in front of the bow?	mm	-	Max. 2743mm
18		Does the end of the spinnaker pole (if when in use this is below the lower mainsail black band) have a minimum end diameter of 50mm and is it shaped or capped to avoid a sharp edge?	-	Yes/No	Yes
19	12(e)(ii)	Does the spinnaker pole retract to within 900mm of the stem?	-	Yes/No	Yes
20	16(b)	Does the hull have a permanent distinguishing mark on the transom, hog piece or thwart, in figures not less than 19mm high, which is either the complete class number or the manufacturer's code?	-	Yes/No	Yes
MAST AND BOOM					
21	12(a)(i)	Is the gunwale band painted on the mast so that it does not protrude above the gunwale?	-	Yes/No	Yes

22	12(a)(i)	Does the sailplan exceed 7626mm above the top of the gunwale band?	-	Yes/No	No
23	12(b)	Height of spinnaker halyard above the gunwale band.	mm	-	Max. 7626mm
24	12(b)	Do all spinnaker halyard blocks or leads project less than 76mm from the mast?	-	Yes/No	Yes
25	12(d)	Are all sails capable of being fully lowered while afloat without detaching the forestay or requiring that the boat be capsized?	-	Yes/No	Yes
26	14(c)(i)	Is the top edge of the "lower band" marking the position where the top edge of the boom cuts the mast?	-	Yes/No	Yes
27	14(c)(i)	Dimension A	mm	-	-
28	15	Can the boom, excluding fittings, pass through a circle of 150mm diameter?	-	Yes/No	Yes
29	15	Is the sum of the length of any attachments falling outside this circle less than 152mm?	-	Yes/No	Yes
30	17(a)	Are the mast and boom both straight?	-	Yes/No	Yes
31	17(b)	Is the mast prevented from rotating?	-	Yes/No	Yes
SAILS					
32	13(a)	**HEADSAILS** Make_____ No._____ L_____ LP_____ LE_____ R_____ Make_____ No._____ L_____ LP_____ LE_____ R_____ Area = 0.5(L)(LP) + 0.66(LE) (R)	Area m^2 m^2	-	-
33	14(b)(iii)	Are the maximum dimensions of the headsail clewboards less than 229mm?	-	Yes/No	Yes
34	13(b)	**MAINSAILS** Make_____ No._____ G1_____ G2_____ G3_____ B_____ Make_____ No._____ G1_____ G2_____ G3_____ B_____ Area = 0.25(A)(G1 + G2 + G3 + 0.5 (B))	Area m^2 m^2	-	-
35	14(c)(iv)	Are the mainsail headboard widths less than 102mm?	-	Yes/No	Yes
36	16(a)	Are the sail numbers and letters in accordance with RRS Appendix G? (note that G.1.3(d) – sail numbers on spinnakers - does not apply)	-	Yes/No	Yes
37	14(a)(v)	Are all the sail reinforcements capable of being folded in any direction, with the minimum thickness folded less than 13mm?	-	Yes/No	Yes
HYDROFOILS					
38	6	Is the area of any hydrofoil less than 0.14 m^2?	-	Yes/No	Yes
39		Are the hydrofoils symmetrical about the longitudinal centreline of the hull or foil to which it is attached?	-	Yes/No	Yes

ISAF PLAQUE					
40	21	Does the boat (if first registered after 1 April 2010) display an ISAF plaque or if not, does the owner undertake to obtain one?		Yes/No	Yes

[1] TO BE SIGNED BY THE OFFICIAL MEASURER

I Declare that I have measured the above boat in accordance with the current Class Rules and that the dimensions found are as recorded thereon. I also Declare that any dimension not within the tolerance of the Class Rules is noted below.

Measurer's Comments:

Measurer's Signature: _____ Date: _____

Name of Measurer (Block Capitals): _____

Recognised by (National Authority): _____

[2] Initial Buoyancy Test

I Certify that I have tested this boat, and that its buoyancy is satisfactory in accordance with Rule 12.

Measurer's Signature: _____ Date: _____

Name of Measurer (Block Capitals): _____

Recognised by (National Authority): _____