

INTERNATIONAL ONE METRE CLASS - MEASUREMENT FORM 2011

RIGS AND ITS SAILS MEASURED (See #3 below) 1 2 3

Hull Registration Number

GENERAL NOTE TO MEASURERS

1 Measurements shall be carried out in accordance with the Equipment Rules of Sailing except where varied in the class rules.
 2 The **boat** shall comply with all the class rules in Sections D, E, F, G and H even if some of the rules are not mentioned on the measurement form(s).
 3 This measurement form may be used for up to three **rigs** and their **sails**. Cross out the numbers above for **rigs** and their **sails** which have not been measured. Ring the numbers which have been measured.
 4 To have more **rigs** and their **sails** added to the certificate the official measurer shall measure the **rigs** and their **sails** and complete a new **rig/sail** measurement form. The **rig/sail** measurement form, together with any re-certification fee that may be required and the current **certificate** shall be sent to the owner's **certification authority**.

PARTS

1 F.1.1 Does any **rig** comprise more than: one **mast**, one **mainsail boom**, one **headsail boom**, **standing rigging**, **running rigging** and fittings? yes / no

GENERAL

2 F.2.3 Do all parts of the **rig** function in a way that is normal for items of their type? yes / no

3 F.2.4(c) Are any ball and/or roller bearings used in any items except for: kicking strap fitting, gooseneck, **mainsail boom** sheet blocks, **headsail boom** sheet blocks, **headsail boom** swivel? yes / no

MAST

4 F.3.1(a) Is the principal material of the **spar** aluminium alloy or wood? yes / no

5 F.3.1(b) Are other materials on the **spar** limited to: adhesive, paint, powder coat, varnish, wax? NA / yes / no

6 F.3.2(b) Is the **spar** section between **upper point** and **lower point**: of circular outer shape and constant except for: internal **sail** track, local cutaways, openings for fittings and/or **rigging**, internal and/or external **spar** joiner. yes / no

7 F.3.3(a) Are the fittings listed in class rule F.3.3(a) present? yes / no

8 F.3.3 Are there any fittings except items listed in class rules F.3.3(a) & (b)? yes / no

9 F.3.3(c)(2) Do the mainsail boom **spar** and the kicking strap have pivot points aft of the **mast** spar in the regions adjacent to these points? yes / no

10 F.3.4 Is the **lower point** to **upper point** dimension correct?
rig 1 1 600 mm max **rig 2** 1 180 mm max **rig 3** 880 mm max yes / no

11 F.3.4 Is the lower edge of the **headsail stay limit mark** at the foreside of the **spar** to the **upper point** dimension correct?
rig 1 220 mm min **rig 2** 160 mm min **rig 3** 120 mm min yes / no

12 F.3.4 Does the height of checkstay **rigging point** above the **heel point** exceed 100 mm? NA / yes / no

13 F.3.4 Between **lower point** and **upper point**:
 (1) Is the diameter of the **spar** less than 10.6 mm? yes / no

14 (2) Does the difference between the largest and smallest diameters exceed 0.3 mm? yes / no

15 F.3.4 Does the length of any **spar** joiner exceed 100 mm? yes / no

16 F.3.4 Does the total length of cutaways between the **lower point** and **upper point** exceed 100 mm? yes / no

17 F.3.4 Is the width of all **limit marks** between 3 and 10 mm? yes / no

BOOMS

- 18** F.4.1(a) Is the principal material of the **spars** aluminium alloy or wood? yes / no
- 19** F.4.1(b) Are other materials on the **spars** limited to: adhesive, paint, powder coat, varnish, wax? NA / yes / no
- 20** F.4.2 Is the section of **spars** constant except for the last 10 mm at each end and openings for fittings and **rigging**? yes / no
- 21** F.4.3-4 Are the fittings listed in class rules F.4.3(a) and F.4.4(a) present? yes / no
- 22** F.4.3-4 Are there any fittings except items listed in class rules F.4.3 & F.4.4? yes / no
- 23** F.4.5 Ignoring the last 10 mm at each end and openings for fittings and **rigging**: Does the largest external dimension exceed 20 mm? yes / no
- 24** Does the difference between the smallest and largest value along the **spar** of any external dimension exceed 0.5 mm? yes / no

STANDING RIGGING

- 25** F.5.1 Except for terminations and the **headsail boom** swivel, are there any materials except steel and/or polymer? yes / no
- 26** F.5.2(a) Is the standing **rigging** listed in class rule F.5.2(a) present? yes / no
- 27** F.5.2-3 Is there any **standing rigging** except items listed in class rules F.5.2 and F.5.3? yes / no

RUNNING RIGGING

- 28** F.6.2(a) Is the running **rigging** listed in class rule F.6.2(a) present? yes / no
- 29** F.6.2-3 Is there any **running rigging** except items listed in class rules F.6.2 and F.6.3? yes / no

MAINSAILS

- 30** G.2.2(b) If the **sails** have been certified by the manufacturer awarded with a special licence, indicate here and ignore steps 31 to 58. yes / no
- 31** G.3.1(a)(1) Are all **sails** soft sails and **single ply sails**? yes / no
- 32** G.3.1(a)(2) Does the body of the **sail** consist of the same **ply** throughout and not more than four parts joined by **seams**? yes / no
- 33** G.3.1(a)(3) Do **seams** deviate by more than 10 mm from a straight line between **luff** and **leech**? yes / no
- 34** G.3.1(a)(4) Does each **sail** have three **batten pockets**, or battens if there are no **batten pockets**, at the leech yes / no
- 35** G.3.1(a)(5) Does the **leech** extend aft of straight lines between: adjacent **batten pocket** points, **sail corner measurement** points and nearest **batten pocket** points? yes / no
- 36** G.3.1(a)(6) Does the **foot** extend below a straight line between **tack point** and **clew point**? yes / no
- 37** G.3.1(a)(7) Is a class insignia present? yes / no
- 38** G.3.1(b) Are there any parts except items listed in class rule G.3.1(b)? yes / no
- 39** G.3.2(a) Are the parts of the **sails** joined or added using only welding; gluing; bonding with self- adhesive tapes/materials; stitching? yes / no
- 40** G.3.2(b) Except for stitching, does the method used to join the **seams** extend beyond the edges of the **seams**? yes / no
- 41** G.3.3 Does the upper batten exceed 10 mm wide x 75 mm long, and/or its **batten pocket** exceed 25 mm wide x 95 mm long? yes / no
- 42** G.3.3 Do the other battens exceed 10 mm wide x 100 mm long, and/or their **batten pockets** exceed 25 mm wide x 120 mm long? yes / no
- G.3.3 Are the following **primary sail dimensions** within the permitted ranges?
- 43** **Leech Length** **Rig 1** 1 610 - 1 620 mm **Rig 2** 1 200 - 1 210 mm **Rig 3** 910 - 920 mm yes / no

44		Foot Length	Rig 1 350 - 360 mm	Rig 2 340 - 350 mm	Rig 3 310 - 320 mm	yes / no
45		Quarter Width	Rig 1 305-315 mm	Rig 2 295-305 mm	Rig 3 265-275 mm	yes / no
46		Half Width	Rig 1 235-245 mm	Rig 2 225-235 mm	Rig 3 205-215 mm	yes / no
47		Three-Quarter Width	Rig 1 135-145 mm	Rig 2 130-140 mm	Rig 3 115-125 mm	yes / no
	G.3.3	Are the following exceeded?				
48		Top width			20 mm	yes / no
49		Primary & secondary reinforcement from nearest sail corner measurement point			125 mm	yes / no
50		Secondary reinforcement for flutter patches			50 mm	NA / yes / no
51		Secondary reinforcement at luff fittings, luff slides and/or luff openings			20 mm	NA / yes / no
52		Tabling width			15 mm	yes / no
53		Seam width			15 mm	yes / no
54		Seam to nearest sail corner measurement point			150 mm	yes / no
55		Batten pocket point, as in G.2.4, to the nearest leech point			20 mm	yes / no
56		Largest cringle dimension			10 mm	yes / no
57		Except for luff slides the largest luff fitting dimension			10 mm	NA / yes / no
58		Sail shape indicator stripe width			30 mm	NA / yes / no
HEADSAILS						
59	G.2.2 (b)	If the sails have been certified by the manufacturer awarded with a special licence, indicate here and ignore steps 60 to 83.				
						yes / no
60	G.4.1(a)(1)	Are all sails soft sails and single ply sails ?				
						yes / no
61	G.4.1(a)(2)	Does the body of the sail consist of the same ply throughout and not more than three parts joined by seams				
						yes / no
62	G.4.1(a)(3)	Do seams deviate by more than 10 mm from a straight line between luff and leech ?				
						yes / no
63	G.4.1(a)(4)	Does the leech extend aft of a straight line between the aft head point and clew point ?				
						yes / no
64	G.4.1(a)(5)	Does the foot extend below a straight line between tack point and clew point ?				
						yes / no
65	G.4.1(b)	Are there any parts except items listed in class rule G.4.1(b)?				
						yes / no
66	G.4.2(a)	Are the parts of the sails joined or added using only welding; gluing; bonding with self- adhesive tapes/materials; stitching?				
						yes / no
67	G.4.2(b)	Except for stitching, does the method used to join the seams extend beyond the edges of the seams ?				
						yes / no
68	G.4.3	Does any batten exceed 10 mm wide x 75 mm long, and/or its batten pocket exceed 25 mm wide x 95 mm long?				
						NA / yes / no
	G.4.3	Are the following sail dimensions within the permitted ranges?				
69		Luff Length	Rig 1 1 320-1 330 mm	Rig 2 980-990 mm	Rig 3 730-740 mm	yes / no
70		Leech Length	Rig 1 1 245-1 255 mm	Rig 2 900-910 mm	Rig 3 655-665 mm	yes / no
71		Foot Length	Rig 1 375-385 mm	Rig 2 340-350 mm	Rig 3 290-300 mm	yes / no

72	Half Width	Rig 1 185-195 mm	Rig 2 165-175 mm	Rig 3 140-150 mm	yes / no
73	Clew point to lower batten pocket point	Rig 1 400-430 mm	Rig 2 285-315 mm	Rig 3 205-235 mm	NA/ yes / no
74	Clew point to upper batten pocket point	Rig1 820-850 mm	Rig 2 590-620 mm	Rig 3 425-455 mm	NA / yes / no
G.4.3	Are the following exceeded?				
75	Top width			20 mm	yes / no
76	Primary & secondary reinforcement from nearest sail corner measurement point			125 mm	yes / no
77	Secondary reinforcement for flutter patches			50 mm	NA / yes / no
78	Secondary reinforcement at headsail stay slides and/or loops			20 mm	NA / yes / no
79	Tabling width			15 mm	yes / no
80	Seam width			15 mm	yes / no
81	Seam to nearest sail corner measurement point			100 mm	yes / no
82	Largest cringle dimension			10 mm	yes / no
83	Sail shape indicator stripe width			30 mm	NA / yes / no

DECLARATION BY THE OWNER The aluminium alloys used for the **mast** and **boom spars** are of the grades listed in F.3.1 and F.4.1 and the wall thickness tolerances in F.3.4 and F.4.5 are complied with. Any weights attached to the mast spar above the lower point are of a density exceeding 8 000 kg/ cub. m

Signature

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Date

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MEASURER'S COMMENTS

If the official measurer has any doubt concerning the application of, or compliance of any part of the boat with the class rules he shall report it on the measurement form(s) before sending them to the certification authority and not sign measurement form(s) or sails.

DECLARATION BY THE MEASURER

I confirm that I have taken the measurements on this form, that the particulars on this form are correct and that, to the best of my knowledge, the **boat** complies with the rules covered by this form. I have stated above in MEASURER`S COMMENTS those points where I have any doubt concerning the application of, or compliance of any part of the boat with, the class rules whether or not they are covered by the measurement form.

Name of measurer (BLOCK CAPITALS)

ISAF Member Country National Authority

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.Signature

Date

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