INTERNATIONAL ONE METRE CLASS 2012

CERTIFICATION CONTROL - CHECK LIST FORM

RIGS AND SAILS MEASURED 1 2 3 (circle, or cross out as appropriate)

Hull Registration Number ..... **Certification Control** Date .....

Owner ..... **Official Measurer** .....

Address .....

.....

Phone number ..... Email .....@.....

GENERAL NOTE TO OFFICIAL MEASURERS This form is for your guidance in the measuring for **certification** process.
1 **Certification Control** shall be carried out in accordance with the **Equipment Rules of Sailing** except where varied by the **class rules**.
2 The **rig** and **sails** 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 this form.
3 Check boxes if the measurement complies. Complete the **Certification Control Form** only if all items comply with the **class rules**
4. Retain this form for your records on completion of **Certification Control Form**.

PARTS

☐ **1**. F.1.1 Individual **rigs** comprise only of: one **mast**, one **mainsail boom**, one **headsail boom**, **standing rigging, running rigging** and fittings.

GENERAL

☐ **2.** F.2.3 All parts of the **rig** function in a way that is normal for items of their type.

☐ **3**. F.2.4(c) The use of any ball or roller bearings is limited to: kicking strap fitting, gooseneck, **mainsail boom sheet** blocks, **headsail boom sheet** blocks, **headsail boom** swivel.

MAST

☐ **4**. F.3.1(a) The principal material of the **spar** is aluminium alloy or wood

☐ ***5***. F.3.1(b) Any other materials on the **spar are** limited to: adhesive, anodising, paint, powder coat, varnish, wax.

☐ **6**. F.3.2(b) The **spar** section between **upper point** and **lower point** is of circular outer shape and constant except for internal **sail** track, local cutaways, openings for fittings and/or **rigging**, internal and/or external **spar** joiners.

☐ **7**. F.3.3(a) The fittings listed in class rule F.3.3(a) are present. These are: **Mainsail Halyard**(s) fitting(s) or opening(s**), Shroud** Fitting(s) and / or opening(s), Gooseneck, Kicking strap fitting

☐ **8**. F.3.3 Other fittings are limited to items listed in class rules F.3.3(a) & (b). These are: Wind indicator and / or its fitting, **Backstay** crane and its fitting, **headsail stay** fitting and / or opening, **headsail halyard** fitting and / or opening, pair of **spreaders** and their fittings and / or openings, **Mast spar** rings and / or loops to attach **mainsail luff** to the **spar**, **Mainsail** jackstay fittings, **Mainsail tack** fittings, **mast** strut and its fitting, **checkstay** fittings, deck fitting, heel fitting with or without **mast** jack, added weights

☐ **9**. F.3.3(c)(2) The **mainsail boom spar** and the kicking strap have pivot points aft of the **mast spar** in the regions adjacent to these points.

☐ **10**. F.3.4 The **lower point** to **upper point** dimension is correct.
Rig 1 1 600 mm max **Rig 2** 1 180 mm max **Rig 3** 880 mm max

☐ **11**. F.3.4 The lower edge of the **headsail stay limit mark** at the foreside of the **spar** to the **upper point** dimension is correct

Rig 1 220 mm min. **Rig 2** 160 mm min. **Rig 3** 120 mm min.

☐ **12**. F.3.4 If there are **check stays**, their **rigging point** is equal to, or less than, 100 mm above the **mast heel** point

☐ **13**. F3.4. Between **lower point** and **upper point**:
(1) The diameter of the **spar** is 10.6 mm or greater.
(2) The difference between the largest and smallest diameters of the **spar is** less than 0.3 mm.

☐ **14**. F.3.4 The length of any **spar** joiner is equal to, or less than 100 mm.

☐ **15**. F.3.4 The total length of cutaways between the **lower point** and **upper point** is equal to, or less than, 100 mm.

☐ **16**. F.3.4 The width of all **limit marks** is between 3 and 10 mm.

BOOMS

☐ **17**. F.4.1(a) The principal material of the **spars is** aluminium alloy or wood.

☐ **18**. F.4.1(b) Other materials on the **spars** are limited to: adhesive, anodising, paint, powder coat, varnish, wax.

☐ **19** F.4.2 The section of **spars** is constant except for the last 10 mm at each end and at openings for fittings and **rigging**.

☐ **20**. F.4.3(a) **Mainsail boom.** The fittings listed in class rules F.4.3(a) are present. These are: **mainsail tack** fitting(s), **mainsail boom sheet** fittings, kicking strap fitting.

☐ **21**. F.4.3(b) **Mainsail boom.** The fittings listed in class rule F.4.3b may be present**:** These are**: Mainsail tack** fitting(s), Gooseneck fitting, opening(s) for **mainsail boom sheet** fitting.

☐ **22.** F.4.4(a) **Headsail boom.** The fittings listed in class rule F.4.4(a) are present**..** These are: **Headsail tack** and **clew** fittings, **headsail boom sheet** fittings, Swivel and / or its fitting(s).

☐ **23.** F4.4(b) **Headsail boom.** The fittings listed in class rule F.4.4(b) may be present. These are **headsail stay** fitting(s), topping lift fitting(s) or opening, counterweight and its attachment, openings for **headsail boom sheet** fitting

☐ **24**. F.4.5 Ignoring the last 10 mm at each end and openings for fittings and **rigging,** the largest external dimension is equal to, or less than, 20 mm.

☐ **25**. F.4.5 The difference between the smallest and largest value along the **spar** of any external dimension is equal to, or less than, 0.5 mm

STANDING RIGGING

☐ **26**. F.5.1 Except for terminations and the **headsail boom** swivel, materials are limited to steel and/or polymer.

☐ **27**. F.5.2(a) The **standing rigging** items listed in class rule F.5.2(a) are present. These are: a pair of **shrouds, backstay** and **headsail boom** swivel.

☐ **28**. F.5.2 / 3 Any other **standing rigging is** limited to items listed in class rules F.5.2 and F.5.3. These are a pair of **checkstays** or a **mast** strut, a **headsail stay** less than 1mm diameter, a **mast spar** jackstay less than 1mm diameter.

RUNNING RIGGING

☐ **29**. F.6.2(a) The **running rigging** items listed in class rule F.6.2(a) are present. These are **mainsail boom sheet, mainsail boom** kicking strap, **headsail halyard** if **headsail stay** is not fitted, and **headsail boom sheet**.

☐ **30**. F.6.2(b)/3 Any other **running rigging is** limited to items listed in class rules F.6.2 and F.6.3. These are **mainsail halyards**, **Main sail clew** trim line, **mainsail tack** trim line, **headsail halyard**(s) **headsail clew** trim line, **headsail tack** trim line, **headsail boom** topping lift, **headsail boom** toping lift restraint line, terminations, length and tension adjustments, **mainsail boom sheet** blocks and **headsail boom sheet** blocks.

MAINSAILS

☐ **31**. G.2.2(b) If the **sails** have been **certificated** by a manufacturer awarded a special license, then omit steps 32 to 60.

☐	**32**.	G.3.1(a)(1)	All **sails** are **soft sails** and **single ply sails**.
☐	**33**.	G.3.1(a)(2)	The body of the **sail** consists of the same **ply** throughout and not more than four parts joined by **seams.**
☐	**34**.	G.3.1(a)(3)	If the sail has **seams**, the **seams** deviate by 10 mm or less from a straight line between **luff** and **leech**.
☐	**35**.	G.3.1(a)(4)	Each **sail** has three **battens**, or 20 mm, minimum, lines marked on the **leech** if there are no **battens** at the **leech**.
☐	**36.**	G.3.1(a)(5)	Except within the **leech** stiffening zone, the **leech** is a straight line or is within a straight line between: adjacent **batten points**, **aft head point** and **clew point** and their nearest **batten** points.
☐	**37**.	G.3.1(a)(6)	The **foot** is a straight line, or is within a straight line, between **tack point** and **clew point**.
☐	**38**.	G.3.1(a)(7)	The class insignia is present.
☐	**39**.	G.3.1(b)	All parts are limited to items listed in class rule G.3.1(b). These are: **tabling**, one or two cringles or openings at the **head**, one cringle or opening at each of the **clew** and **tack**, **luff** openings for **mast spar** rings and / or loops for **mast spar** jackstay fittings**, luff** bolt rope, **luff** track slides, **luff** fittings for **mast spar** rings and / or loops, **luff** fittings for **mast spar** jackstay, **primary** and **secondary reinforcement** as defined in G.3.3, **primary reinforcement** or **stiffening** within the **leech** stiffening zones as defined by templates in H.3, tell tales, three, or less, **sail** indicator stripes applied using paint or ink, sailmaker's label.
☐	**40**.	G.3.2(a)	The parts of the **sails** joined or added using only welding; gluing; bonding with self- adhesive tapes/materials; stitching.
☐	**41**.	G.3.2(b)	If the sail has **seams**, except for stitching, the method used to join the **seams** is limited by the edges of the **seam.**
☐	**42**.	G.3.3	The upper **batten** is equal to, or less than, 10 mm wide x 75 mm long.
☐	**43**.	G.3.3	The other **battens** are equal to, or less than, 10 mm wide x 100 mm long.
		G.3.3	The following **primary sail dimensions** within the permitted ranges -

☐	**44**.	**Leech Length**	**Rig 1**	1 610 - 1 620 mm	**Rig 2**	1 200 - 1 210 mm	**Rig 3** 910 - 920 mm
☐	**45**.	**Foot Length**	**Rig 1**	350 - 360 mm	**Rig 2**	340 - 350 mm	**Rig 3** 310 - 320 mm
☐	**46**.	**Quarter Width**	**Rig 1**	305-315 mm	**Rig 2**	295-305 mm	**Rig 3** 265-275 mm
☐	**47**.	**Half Width**	**Rig 1**	235-245 mm	**Rig 2**	225-235 mm	**Rig 3** 205-215 mm
☐	**48**.	**Three Quarter Width**	**Rig 1**	135-145 mm	**Rig 2**	130-140 mm	**Rig 3** 115-125 mm

☐	**49**.	The **Top width is** equal to, or less than, 20 mm.
☐	**50**.	The **primary & secondary reinforcement** is equal to, or less than, 125 mm from the nearest **sail corner measurement point.**
☐	**51**.	Any **secondary reinforcement** for **any flutter patches** is equal to, or less than, 50 mm.
☐	**52**.	**Secondary reinforcement** at **luff** fittings, **luff** slides and/or **luff** openings is equal to, or less than, 20 mm.
☐	**53**.	Any **tabling** is equal to, or less than, 15 mm in **width.**
☐	**54**.	**Seams,** if any**,** are equal to, or less than, 15 mm in width.
☐	**55**.	**Seams,** if any**,** are equal to, or more than, 150 mm from **sail corner measurement points.**
☐	**56**.	**Batten** points as in G.2.4, are within 20 mm of the nearest **leech** point.
☐	**57**.	Any cringle dimension is equal to, or less than, 10 mm.
☐	**58**.	Except for **luff** slides the largest **luff** fitting dimension is equal to, or less than, 10mm**.**
☐	**59**.	Any **Sail** shape indicator stripes are equal to, or less than, 30 mm in width.

☐ **60**. H.3.3 The **leech** stiffening zones on all **mainsails** comply with H.3.2 and H.3.3.

HEADSAILS

☐ **61**. G.2.2 (b) If the **sails** have been certificated by a manufacturer awarded a special licence, omit steps 62 to 86.

☐ **62**. G.4.1(a)(1) All sails are **soft sails** and **single ply sails**.

☐ **63**. G.4.1(a)(2) The body of the **sail** consists of the same **ply** throughout and not more than three parts joined by **seams**.

☐ **64**. G.4.1(a)(3) If there are **seams**, the **seams** deviate by 10 mm or less from a straight line between **luff** and **leech**.

☐ **65**. G.4.1(a)(4) Except within the **leech** stiffening zones, the **leech** is within a straight line between the **aft head point** and **clew point**.

☐ **66**. G.4.1(a)(5) The **foot** is a straight line, or within a straight line, between **tack point** and **clew point**.

☐ **67**. G.4.1(b) All parts are limited to items listed in class rule G.4.1(b). These are: **Tabling** which at the **luff** may form a pocket for a **headsail stay**, one or two cringle openings at the **head**, one cringle and /or openings at each of the **clew** and **tack**, **headsail stay** slides and or loops, **primary reinforcement** and **secondary reinforcement** specified at (G.4.3), two battens or less at the **leech, primary reinforcement and/ or stiffening** within the **leech** stiffening zones, tell tales, two or less **sail** shape indicator strips, sailmakers labels.

☐ **68**. G.4.2(a) The parts of the **sails** are joined or added to using only welding; gluing, bonding with self- adhesive tapes / materials, stitching.

☐ **69**. G.4.2(b) If the **sail** has **seams**, except for stitching, the method used to join the **seams** is limited by the edges of the ` **seams**

☐ **70**. G.4.3 If there are **battens,** they are equal to, or less than, 10 mm wide x 75 mm long

G.4.3 The following **sail** dimensions are within the permitted ranges -

☐ **71**.	**Luff Length**	**Rig 1** 1 320-1 330mm	**Rig 2** 980-990mm	**Rig 3** 730-740mm
☐ **72**.	**Leech Length**	**Rig 1** 1 245-1 255mm	**Rig 2** 900-910mm	**Rig 3** 655-665mm
☐ **73**.	**Foot Length**	**Rig 1** 375-385mm	**Rig 2** 340-350mm	**Rig 3** 290-300mm
☐ **74**.	**Half Width**	**Rig 1** 185-195mm	**Rig 2** 165-175mm	**Rig 3** 140-150mm
☐ **75**.	**Clew point** to lower **batten** point	**Rig 1** 400-430mm	**Rig 2** 285-315mm	**Rig 3** 205-235mm
☐ **76**.	**Clew point** to upper **batten** point	**Rig 1** 820-850mm	**Rig 2** 590-620mm	**Rig 3** 425-455mm

☐ **77**. G.4.3 The **Top width is** equal to, or less than, 20 mm.

☐ **78**. The **primary & secondary reinforcement** is equal to**,** or less than, 125 mm from the nearest **sail corner measurement point.**

☐ **79.** **Any secondary reinforcement** for any **flutter patches** is equal to, or less than, 50 mm.

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☐ **80.** If there is **secondary reinforcement** at **headsail stay** slides and/or loops, it is equal to, or less than, 20 mm.

☐ **81.** Any **tabling** is equal to, or less than, 15mm, in **width.**

☐ **82.** **Seams,** if any**,** are equal to, or less than, 15 mm, in width.

☐ **83.** **Seams,** if any**,** are equal to, or more than, 100 mm from **sail corner measurement points.**

☐ **84.** Any cringle dimension is equal to, or less than, 10 mm.

☐ **85.** Any **Sail** shape indicator stripes are equal to, or less than, 30 mm in width.

☐ **86.** H.3.3 The **leech** stiffening zones on all head **sails** comply with H.3.2 and H.3.3