INTERNATIONAL ONE METRE CLASS 2022

CERTIFICATION CONTROL FORM - RIGS AND SAILS - CHECK LIST

RIGS AND SAILS MEASURED A B C (circle, or cross out as appropriate)

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

Official Measurer.....

NB - MEASURERS This form is for your guidance in the **certification** process. It is not required to be sent to the **Certification Authority**, but may be retained by the Owner or the **Official Measurer**.

1 **Certification control** shall be carried out in accordance with the current **Equipment Rules of Sailing** except where varied by the **class rules**.

2 The **rig** and **sails** shall comply with all **class rules** in Sections F, G and I even if some of the rules are not mentioned on this form.

3. Check boxes only if the equipment complies with the statement. Complete the **Certification Control** Form only if all items are checked as complying with **class rules** Sections F, G and I. Consult your **Certification Authority** if there is any doubt.

PARTS

☐ **1**. F.1.1 Individual **rigs** comprise only: 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.

☐ 4. F.2.4(d) Perpendicular to the axis of rotation, any non-circular component of a kicking strap, or gooseneck, has a cross section of 20 mm or less.

MAST

☐ **4**. F.3.1(a) The principal material of the spar is either a specified 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 in cross section except for internal **sail** track, local cutaways, openings for fittings and/or **rigging**, internal and/or external spar joiners.

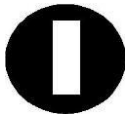
☐ **7**. F.3.3(a) The fittings listed in class rule F.3.3(a) are present. These are: **mainsail halyard**(s) fitting(s) or opening(s), **shroud** fitting(s) and / or opening(s), gooseneck, kicking strap fitting.

☐ **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 which may function as mast ram, heel fitting with or without **mast** jack, **corrector weights**, **headsail sheet** fairlead.

☐ **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 A. 1 600 mm max **Rig B.** 1 180 mm max **Rig C.** 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 A. 220 mm min. **Rig B.** 160 mm min. **Rig C.** 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 equal to or** 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 / 2.4(c) The width of all **limit marks** is between 3 and 10 mm and applied by either paint or self-adhesive tape.

BOOMS

☐ **17.** F.4.1(a) The principal material of the spars is a specified 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 clew** fitting(s), **mainsail boom sheet** fitting(s), kicking strap fitting.

☐ **21.** F.4.3(b) **Mainsail boom.** Except for fittings permitted by class rule F.4.3b (these are**: mainsail tack** fitting(s), gooseneck fitting, opening(s) for **mainsail boom sheet** fitting) no other fittings are present.

☐ **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** fitting(s), swivel and / or its fitting(s).

☐ **23.** F4.4(b) **Headsail boom.** Except for fittings permitted by class rule F.4.4(b) (these are: **headsail stay** fitting(s), topping lift fitting(s) or opening, counterweight and its attachment, openings for **headsail boom sheet** fitting) no other fittings are present.

☐ **24.** F.4.5 Ignoring the last 10 mm at each end and openings for fittings and **rigging,** the **boom** spar is capable of passing through a 20mm ring gauge.

☐ **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.

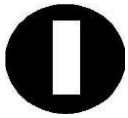
☐ **27.** F.5.2(a) **Standing rigging.** Items listed in class rule F.5.2(a) are present. These are: a pair of **shrouds, backstay** and **headsail boom** swivel.

☐ **28.** F.5.2 / 3 **Standing rigging**. Except for items permitted by class rules F.5.2 and F.5.3 (this is: a pair of **checkstays** or a **mast** strut, a **headsail stay** less than 1mm diameter, a **mast** spar jackstay less than 1mm diameter) no other **standing rigging** is present..

RUNNING RIGGING

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

☐ **30.** F.6.2(b)/3 **Running rigging**. Except for items permitted by class rules F.6.2 and F.6.3 (this is: **mainsail halyards**, **mainsail 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(s), a **sheet** control line, terminations, length and tension adjustments, **mainsail boom sheet** blocks, **headsail boom sheet** blocks and wind indicator attached to the backstay) no other **running rigging** is present.



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)	Each **sail** has three battens or, 20 mm minimum, lines marked on the **leech** if there are no battens at the **leech**.
☐	**35.**	G.3.1(a)(4)	Except within the **leech** stiffening zone, the **leech** does not extend aft of a straight line between: adjacent batten points, **aft head point** and **clew point** and their nearest **batten** points.
☐	**36.**	G.3.1(a)(5)	The **foot** does not extend below a straight line between **tack point** and **clew point**.
☐	**37.**	G.3.1(a)(6)	The class insignia is present on both sides of the **mainsail** above the **three quarter width**.
☐	**38.**	G.3.1(b)	Except for 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 I.3, tell tales, three, or less, **sail** indicator stripes applied using paint or ink, sailmaker's label) no other parts are present.
☐	**39.**	G.3.2(a)(1)	If the sail has **seams**, the **seams** deviate by 10 mm or less from a straight line between **luff** and **leech**.
☐	**40.**	G.3.2(b)	The parts of the **sails** are joined or added using only welding; gluing; bonding with self- adhesive tapes/materials;stitching.
☐	**41.**	G.3.3	If there are battens, the upper batten is no bigger than 10 mm wide x 75 mm long.
☐	**42.**	G.3.3	If there are battens, the other battens are no bigger than 10 mm wide x 100 mm long.
		G.3.3	The following **primary sail dimensions** are within the permitted ranges:

☐	**43**.	**Leech Length**	Rig A	1610 - 1620 mm	Rig B	1200 - 1210 mm	Rig C	910 - 920 mm
☐	**44.**	**Foot Length**	Rig A	350 - 360 mm	Rig B	340 - 350 mm	Rig C	310 - 320 mm
☐	**45.**	**Quarter Width**	Rig A	305-315 mm	Rig B	295-305 mm	Rig C	265-275 mm
☐	**46.**	**Half Width**	Rig A	235-245 mm	Rig B	225-235 mm	Rig C	205-215 mm
☐	**47.**	**Three Quarter Width**	Rig A	135-145 mm	Rig B	130-140 mm	Rig C	115-125 mm

☐	**48.**		The **top width is** equal to, or less than, 20 mm.
☐	**49.**		The **primary** & **secondary reinforcement** is equal to, or less than, 125 mm from the nearest **sail corner measurement point.**
☐	**50.**		Any **secondary reinforcement** for **any flutter patches** is equal to, or less than, 50 mm.
☐	**51.**		**Secondary reinforcement** at **luff** fittings, **luff** slides and/or **luff** openings is equal to, or less than, 20 mm.
☐	**52.**		**Tablings**, if any, are equal to, or less than, 15 mm in width.
☐	**53.**		**Seams,** if any**,** are equal to, or less than, 15 mm in width.
☐	**54.**		**Seams,** if any**,** are equal to, or more than, 150 mm from **sail corner measurement points.**
☐	**55.**		**Batten** points as in G.2.4, are within 20 mm of the nearest **leech** point.
☐	**56.**		Cringle dimensions are equal to, or less than, 10 mm.
☐	**57.**		Except for **luff** slides the largest **luff** fitting dimension is equal to, or less than, 10mm**.**
☐	**58.**	G.3.1(b)(13)	**Sail** shape indicator stripes, if any, shall be 30 mm, or less, in width, applied by either paint or ink, and no more than three in number.
☐	**59.**	I.3.3	The **leech stiffening** zones on all **mainsails** comply with I.3.2 and I.3.3.

HEADSAILS

☐	**60.**	G.2.2 (b)	If the **sails** have been certificated by a manufacturer awarded a special licence, omit steps 62 to 86.
☐	**61.**	G.4.1(a)(1)	All sails are **soft sails** and **single ply sails**.
☐	**62.**	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**.
☐	**63.**	G.4.1(a)(3)	Except within the **leech** stiffening zones, the **leech** is within a straight line between the **aft head point** and **clewpoint**.
☐	**64.**	G.4.1(a)(4)	The **foot** is a straight line, or within a straight line, between **tack point** and **clew point**.
☐	**65.**	G.4.1(b)	Except for items listed class rule G.4.1(b) (these are: **tabling** which at the **luff** mayform 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, no other parts are present**.**
☐	**66.**	G.4.2(a)(1)	If there are **seams**, the **seams** deviate by 10 mm or less from a straight line between **luff** and **leech**.
☐	**67.**	G.4.2(b)	The parts of the **sails** are joined or added to using only welding; gluing, bonding with self-adhesive tapes / materials, stitching.
☐	**68.**	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:

☐	**69.**	**Luff Length**	Rig A 1320-1330mm	Rig B 980-990mm	Rig C 730-740mm
☐	**70.**	**Leech Length**	Rig A 1245-1255mm	Rig B 900-910mm	Rig **C** 655-665mm
☐	**71**.	**Foot Length**	Rig A 375-385mm	Rig B 340-350mm	Rig C 290-300mm
☐	**72**.	**Half Width**	Rig A 185-195mm	Rig B 165-175mm	Rig C 140-150mm
☐	**73**.	**Clew point** to lower **batten** point	Rig A 400-430mm	Rig B 285-315mm	Rig C 205-235mm
☐	**74.**	**Clew point** to upper **batten** point	Rig A 820-850mm	Rig B 590-620mm	Rig C 425-455mm

☐	**75.**		The **top width is** equal to, or less than, 20 mm.
☐	**76.**		The **primary** and **secondary reinforcement** is equal to**,** or less than, 125 mm from the nearest **sail corner measurement point.**
☐	**77.**		Any **secondary reinforcement** for **flutter patches** is equal to, or less than, 50 mm.
☐	**78.**		If there is **secondary reinforcement** at **headsail stay** slides and/or loops, it is equal to, or less than, 20 mm.
☐	**79.**		**Tablings**, if any, are equal to, or less than, 15mm in **width.**
☐	**80.**		**Seams,** if any**,** are equal to, or less than, 15 mm in width.
☐	**81.**		**Seams,** if any**,** are equal to, or more than, 100 mm from **sail corner measurement points.**
☐	**82.**		Cringle dimensions are equal to, or less than, 10 mm.
☐	**83.**	G.4.1(b)(10)	**Sail** shape indicator stripes, if any, shall be 30 mm, or less, in width, applied by either paint or ink, and no more than two in number.
☐	**84.**	I.3.3	The **leech** stiffening zones on all **headsails** comply with I.3.2 and I.3.3

If a **sail** complies in all respects with the checks on this **Certification Control** Form – RIGS AND SAILS - Check List then the **Official Measurer** shall sign, or stamp, and date the **sail**.