

# 6 Metre Class

## BOAT MEASUREMENT CHECK LIST

For the guidance of:

- the owner when preparing boat for **certification**,
- the class measurer during **certification** of the **boat**,
- the **official measurer** during **certification** of the **sails**, and
- the **equipment inspector** during **equipment inspection**.

Not required to be sent to the registrar.

ERS defined terms are printed in **bold**.

Terms defined in the **class rules** are printed underlined.

## HULL

2.2.1	Is the afterbody so shaped that a chain girth measurement can be taken at STERN STATION 2?	YES	NO
2.2.2	Is STERN STATION 2 not less than 26 mm aft of STERN STATION 1?	YES	NO
2.2.3	Is the SHEERLINE a fair and continuous concave curve between a point 50 mm aft of the foremost point of the <b>hull</b> and STERN STATION 1?	YES	NO
2.2.4	Are there any hollows exceeding 1 mm when checked with a 300 mm straight edge except as permitted by class rule 2.2.4?	YES	NO
2.2.5	Any concavity in the PROFILE of the bow above a point 10 mm below the WATERPLANE shall be bridged to establish the FORWARD WATERLINE ENDING.	NA	YES
2.2.6	Does any underwater part of the <b>hull</b> project forward of the FORWARD WATERLINE ENDING?	YES	NO
2.2.7	Except as in class rule 2.2.8, does the camber of the deck between the DECK EDGES in any transverse section exceed 13 mm?	YES	NO
2.2.9	Is the forward 13 mm of the <b>hull</b> made of elastomeric material?	YES	NO
2.11.1	Are the deck <b>limit marks</b> of uniform width between 2 and 6 mm wide and a minimum of 10 mm in length?	YES	NO
2.11.2	Is the <b>mast</b> deck <b>limit mark</b> placed with its forward edge at the foreside of the <b>mast</b> ?	YES	NO
2.11.3	Is the foretriangle base <b>limit mark</b> placed on the deck across the centreline?	YES	NO

2.11.4 If it is possible to move the **mast** fore and/or aft, are additional **limit marks** placed 13 mm forward and/or aft of the **mast** and foretriangle base **limit marks**?

NA	YES	NO
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#### APPENDAGES

3.1.1 Are there more than two **hull appendages** capable of movement in relation to the **hull**?

YES	NO
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3.1.2 Are there any **centreboards** or similar **appendages**?

YES	NO
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3.1.3 Is the beam more than 250 mm at any point more than 104 mm below the WATERPLANE?

YES	NO
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3.1.5 Does any **hull appendage** extending outboard of the AFT WATERLINE ENDING exceed 13 mm in width?

NA	YES	NO
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3.1.5 Does any part of a **hull appendage** cut the WATERPLANE outboard of the AFT WATERLINE ENDING?

YES	NO
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#### RIG

4.1.4 Is the **headsail tack** or, if set on a **boom**, the pivotal axis of the fitting connecting the **boom** to the deck, more than 5 mm from the centreline plane of the **boat**?

YES	NO
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#### FITTINGS

4.2.2 Is any **fitting**, if it rotates or is attached to a rotating spar, bigger than is reasonably required for its purpose?

NA	YES	NO
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4.2.3 Is any **fitting** constructed using sheet or film material that has the effect of acting as sail area?

YES	NO
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#### MAST

4.3.1 Are there any rotating **masts** or **masts** with rotating fairings?

YES	NO
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4.3.2 Does the **mast spar curvature** measured in the foreside of the spar between the **upper limit mark** and the spar at deck level exceed 10 mm?

YES	NO
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#### RIG LIMIT MARKS

4.4.1 Are **limit marks** of uniform thickness and between 2 and 6 mm wide?

YES	NO
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4.4.2 Is the **upper limit mark** placed with its lower edge no higher than 1806 mm above the central **mast** deck **limit mark** on the **boat's** centreline?

YES	NO
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4.4.3 Is the foretriangle height **limit mark** placed with its lower edge no higher than 1355 mm above the deck?

YES	NO
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4.4.4 Is the **lower limit mark** placed with its upper edge where a line extended along the top of the **main boom spar** cuts the aft side of the **mast** and no higher than 153 mm above the deck?

YES	NO
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4.4.5 Is the **main boom outer limit mark** placed on the **boom spar** distance B from the aft side of the **mast spar** at the **mast lower limit mark**?

YES	NO
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## MAIN BOOM

- 4.5.1 Does the maximum dimension of the **boom spar** cross section exceed the maximum dimension of the **mast spar** cross section between the **lower limit mark** and **upper limit mark**?
- 4.5.2 Does the depth of the **boom spar** at any point exceed twice its maximum width?
- 4.5.3 Does the **boom spar curvature** in the upper edge of the **boom spar** measured between the fore end of the **spar** and the **main boom outer limit mark** exceed 5 mm?

YES	NO
YES	NO
YES	NO

## SAILS

### This section is for use by the SAIL MEASURER

#### GENERAL

- 5.2.1 Are all **sails soft sails**?
- 5.3.3 Except for a **mainsail** headboard, are there any **corner boards**?

YES	NO
YES	NO

#### MAINSAILS

- 5.4.2 Does any **mainsail** have a **double luff**?
- 5.4.3 Is the diameter of any jackline inside a pocket on the **mainsail luff** greater than 1 mm?
- 5.4.4 Do the **cross widths** comply with the B dimension for the **boat**?
- 5.4.5 Are there more than four battens?
- 5.4.6 Does the upper batten exceed 167 mm long × 25 mm wide?
- 5.4.6 Do the other battens exceed 200 mm long × 25 mm wide?
- 5.4.7 Do variations in the batten spacing exceed 40 mm?
- 5.4.8 Does the **leech** between the **aft head point** and the upper batten project more than 25 mm from a straight line between these points?
- 5.4.8 Does the **leech** between the **clew point** and the lower batten project more than 25 mm from a straight line between these points?
- 5.4.10 Does any **stiffening** at the head exceed 22 mm × 22 mm?

	YES	NO
	YES	NO
	YES	NO
	YES	NO
NA	YES	NO
NA	YES	NO
NA	YES	NO
	YES	NO
	YES	NO
NA	YES	NO

5.4.11	Does the <b>foot</b> project more than 25 mm below a straight line joining the <b>tack point</b> and the <b>clew point</b> ?	YES	NO
5.4.12	Does the <b>aft head point</b> extend more than 22 mm aft of the <b>head point</b> ?	YES	NO
5.6.3	Is the class insignia a figure "6" of the following dimensions: height 25-28 mm, width 19-28 mm, thickness 5-7 mm and applied to both sides of the <b>mainsail</b> ?	YES	NO

**HEADSAILS**

5.5.1	Does the width, measured from the <b>half luff point</b> to the nearest point on the <b>leech</b> , exceed $0.5 J + 50$ mm?	YES	NO	
5.5.2	Are there more than three battens?	YES	NO	
5.5.3	Do any battens exceed 100 mm long × 25 mm wide?	NA	YES	NO

**ALL SAILS**

5.3.1	Are <b>sails certified</b> with date and signature?	NA	YES	NO
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**Page 5 deals with Equipment Inspection items that would be checked at an event.**

## EQUIPMENT INSPECTION (carried out at an event)

1.5.4 (a)	Do the <b>boat, rig, and sail</b> measurements comply with the <b>certificate</b> ?	YES	NO	
1.5.4 (b)	Is the <b>boat</b> weight in MEASUREMENT TRIM no more than 0.1 kg larger or smaller than the <b>certificated boat</b> weight?	YES	NO	
3.1.4	If fitted, are winglets capable of being retracted and/or adjusted in trim while <i>racing</i> ?	NA	YES	NO
4.1.3	Does any part of the <b>rig</b> extend beyond the limits of the <b>boat's</b> overall length when the <b>sails</b> are held on the centreline of the <b>boat</b> ?	YES	NO	
5.4.13	Does the <b>mainsail head point</b> extend above the lower edge of the <b>upper limit mark</b> ?	YES	NO	
5.4.14	Does the <b>mainsail tack point</b> extend below the upper edge of the <b>lower limit mark</b> ?	YES	NO	
5.4.15	Does the <b>clew point</b> extend aft of the forward edge of the <b>main boom outer limit mark</b> ?	YES	NO	
5.5.4	When held on the centreline of the <b>boat</b> , do the <b>headsail head point, tack point</b> , or any part of the <b>headsail luff</b> or <b>luff spar</b> extend forward of a straight line between the foretriangle height <b>limit mark</b> and a point on the centreline of the deck J mm before the <b>mast</b> ?	YES	NO	
5.5.5	Is the <b>headsail clew</b> attached to the <b>headsail boom spar</b> ?	YES	NO	
5.6.1	Do <b>sails certified</b> after December 31st 2007 carry identification marks in accordance with the MYA Supplementary Class Rules?	NA	YES	NO
5.6.2	Do other <b>sails</b> shall comply with the sail marks rules relevant to the class at the time of their <b>certification</b> or with the MYA Supplementary Class Rules?	NA	YES	NO
6.2.1	Are any of the following in use:			
(a)	except where achieved by mechanical systems, automated control of <b>rig</b> and/or <b>sails</b> ?	YES	NO	
(b)	except where achieved by mechanical systems, automated steering and/or navigation?	YES	NO	
(c)	on board camera(s)?	YES	NO	
(d)	pictures from any source?	YES	NO	
(e)	except for the establishment and maintenance of a radio control link, control unit positioning information, signal strength, and battery status information, radio transmissions from the <b>boat</b> ?	YES	NO	