

## OPTIMIST MEASUREMENT CHECKLIST

**Note:** There will be different 'levels' of measurement check that will be undertaken as follows:

- Top 50 ranked sailors – All checks
- 51+ ranked sailors – Cert & Safety checks only
- Green Fleet sailors – Safety checks only

**BOAT #:** \_\_\_\_\_ **SAILOR NAME:** \_\_\_\_\_ **FLEET:** OPEN / GREEN **TAG ID:** \_\_\_\_\_ **CHECKED BY:** \_\_\_\_\_

FOILS				
Checked	Item	Notes	Rule	Type
	Centreboard - Serial Number	Check measurement certificate matches		Cert
	Centreboard – Labelled	Labelled with National Letters and Sail Number	2.7.4	Safety
	Centreboard – Width	285mm +/-5mm (combined variation 3mm)	3.3.2.3	
	Centreboard – Length	1067mm +/-5mm (combined variation 3mm)	3.3.2.3	
	Centreboard – Thickness	>= 14mm and <= 15mm	3.3.2.2	
	Centreboard – Attachment	No clips allowed, must be tied or small shackle	3.3.4	Safety
	Centreboard - Weight	>= 2.0kg	3.3.3	
	Rudder – Dimensions	X = 175 +0/-2mm , Z = 400mm +0/-2mm, P = 337mm +0/-2mm (rule 3.4.2.1)	3.4.2.1	
	Rudder – length of bottom (y)	(y = 260mm 0/-3mm)	3.4.2.1	
	Rudder – thickness	>= 14mm and <= 15mm	3.4.2.2	
	Rudder – Weight	Not less than 1.5kg (Assembled with tiller and extension)	3.4.3	
	Rudder – Attachment	No cracks in gudgeons		Safety
	Rudder - Serial Number	Check measurement certificate matches		Cert
	Rudder - Labelled	Labelled with National Letters and Sail Number	2.7.4	Safety
	Tiller – Length	Max. 750mm	3.4.2.4	
	Tiller Extension – Length	Max. 750mm	3.4.2.4	
	Tiller + Extension – Length	Combined Max. 1200mm	3.4.2.4	

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SPARS				
Checked	Item	Notes	Rule	Type
	Sprit - Length	Not more than 2286 mm in length, including end fittings	3.5.4.2	
	Sprit - Serial Number			Cert
	Sprit – Labelled	Labelled with National Letters and Sail Number	2.7.4	Safety
	Boom – Length	Excluding the boom jaws, shall not exceed 2057 mm in length	3.5.3.2	
	Boom – Bridle	max. 100mm from boom	3.5.3.8	Safety
	Boom - Serial Number			Cert
	Boom – Labelled	Labelled with National Letters and Sail Number	2.7.4	Safety
	Mast – Length	The overall length of the mast shall be not more than 2350 mm	3.5.2.4	
	Mast Band 1– top	Band No. 1, the lower edge of which shall be not less than 610 mm from the top of the mast	3.5.2.7.a	
	Mast Band 2 – bottom	Band No. 2, the upper edge of which shall be not more than 635 mm from the top of the mast	3.5.2.7.b	
	Mast - Serial Number			Cert
	Mast - Labelled	Labelled with National Letters and Sail Number	2.7.4	Safety

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SAIL				
Checked	Item	Notes	Rule	Type
	Sail Numbers	Clearly read from both sides and same as hull number	6.5	Safety
	Leech Length	Max. 2800mm	6.4.1	
	Head Length	Max. 1240mm	6.4.2	
	Diagonal	Min. 2450mm, Max. 2580mm	6.4.3	
	Luff Length	Max. 1730mm	6.4.6	
	Sail – Button/Serial Number		6.1.4	Cert

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HULL				
Checked	Item	Notes	Rule	Type
	The Optimist is a One-Design Class Dinghy. Except where these rules specifically permit variations, boats of this class shall be alike in hull form, construction, weight and weight distribution, rigging spars and sail plan.	Note: In deciding whether an item is permitted it should be noted that, in a One-Design Class, unless the rules specifically state that something is permitted it shall be assumed to be prohibited.	1.2	
	Weight	With air bags included but with painter, bailers, mainsheet blocks , mainsheet, paddle and any other clips, or personal ties etc. out the hull weight should be 35kg or more.  If weight is less than 35kg but greater than or equal to 32.6kg then corrector weights will be fitted so the hull weight is 35kg. Corrector weights will be fitted with equal weight on the center line at the bow and stern.  If weight is less than 32.6kg then a hull will be deemed illegal.	3.2.8.1 & 3.2.8.2	
	Tow Line	8m in length secured around the mast thwart or mast step	4.3.b	Safety
	Mast Base	Ensure screws are secured	3.2.6.1.f	Safety
	Mast Clamp	Either clamp or tied	3.5.2.11	Safety
	Buoyancy Bags	All in good condition, secured and compliant	3.2.7.1	Safety
	Paddle	Check it's attached	4.3.c & 3.2.6.1.e	Safety
	Rudder Clip		3.4.5.2	Safety
	Bailer(s)	At least 1 of min 1 litres capacity attached	4.3.a	Safety
	Drink Bottle	Check it's attached so the event doesn't pollute the environment		Event
	Mainsheet Clip	Quick release only		Safety
	Mainsheet Stopper Knot			Safety
	Hiking Straps	Check lines & attachments	3.2.6.1.c	Safety
	Hull IODA #	Hull IODA number matches the measurement certificate	2.4.1	Cert
	Hull Numbers each side	Min. 50mm each side		Safety
	Beach Trolley labelled with sail #	Back and Front of Trolley labels with Sail Number		Safety

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**TAG ID:**

**CHECKED BY:**

<b>SAILOR / REGATTA CHECKS</b>				
<b>Checked</b>	<b>Item</b>	<b>Notes</b>	<b>Rule</b>	<b>Type</b>
	Buoyancy Vest	Check it is the correct size	4.2.a	Safety
	Sign in / Sign out tag	Attach to Vest		Safety
	Whistle	Must be attached	4.2.a	Safety
	Sponsor Hull Stickers		20.6	Event
	Number Beach Trolley	Open fleet = Yellow sticker (Label with sign in/out tag #) Green fleet = Green sticker (Label with sign in/out tag #)		Event
	Number Boat Bow	Open fleet = Yellow sticker (Label with sign in/out tag #) Green fleet = Green sticker (Label with sign in/out tag #)		Event

## OPTIMIST MEASUREMENT CHECK - BUNKER FLOOR PLAN

Sailors will enter the measurement area on the right-hand side. Each item to be checked will be handed to the measurers at each station as they proceed.

As the sailors leave (on the left-hand side) they will collect their measured items and signed checklists from each station as they get checked at the exit.

