

## International Shark Class Association (ISCA) Measurement Form

To obtain an ISCA measurement Certificate:

- 1) A registration plaque shall be affixed to the hull by the builder. The plaque provides the registration/sail number.
- 2) A National Shark Class Association (NSCA) appointed Measurer shall take the measurements and certify on this form that the boat conforms with the current International Shark Class Association (ISCA) rules. (An Instruction to Measurers Handbook (IMH) is available from ISCA to assist Measurers.

**Note: A Measurer can not measure a boat owned or part owned by him/her self.**

- 3) The **completed** Measurement Form shall be submitted to the NSCA Chief Measurer together with the current measurement registration fee. All sections of the form must be completed by circling **Yes** or **No** as appropriate or entering measurement taken.

Please complete the following prior to submitting:

**Please Print**

Owners Name:			
Address:			
		Postal Code:	
Telephone:	Res:	Bus:	
Boat Name:		Sail No.	
Sailing Club:			
NSCA Region:			
Builders Name:		Year Built:	

Sail # \_\_\_\_\_

<b>Rule No.</b>	<b>Item No.</b>	<b>Measurement</b>	<b>Minimum</b>	<b>Actual</b>	<b>Maximum</b>
6.1		<b>Overall Hull Dimensions</b>			
	1	Length	7315 mm (24')	see IMH	7315 mm (24')
	2	Beam	2083 mm (6' 10")	see IMH	2083 mm (6' 10")
	3	Draft	965 mm (3' 2")	see IMH	965 mm (3' 2")
6.2		<b>Deck</b>			
	4	Do deck and cockpit drains, comply with written rule?		Yes / No	
	5	If cockpit coaming is wood, is it at least as high as the standard fibreglass coaming?		Yes / No	
	6	Does the boat conform with the written rule prohibiting control lines from leading through the cockpit coaming, hull or deck?		Yes / No	
6.3		<b>Keel</b>			
	7	Weight	299 kg (660 lbs)	See IMH	313 kg (690 lbs)
	8	Does keel conform to the dimensions shown in Appendix III, Fig 1?		Yes / No	
	9	Does the keel web thickness conform to rule 6.3, C)?		Yes / No	

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Rule No.	Item No.	Measurement	Minimum	Actual	Maximum
6.3		<b>Keel con't</b>			
	10	Trailing edge of flange from transom.	3295 mm (10' 9 3/4")		3325 mm (10' 11")
	11	Aftermost point of keel shoe to lowest point of transom on the center line.	2825 mm (9' 3 1/4")		2865 mm (9' 4 3/4")
	12	Aftermost point of keel shoe to the nearest position on the center line of the hull.	655 mm (2' 1 7/8")		685 mm (2' 3 1/8")
	13	Does the fairing at the front and rear comply with the written rule?		Yes / No	
14	Does the fairing at the sides of the keel flange comply with the written rule?		Yes / No		

6.4		<b>Hull Weight</b>			
	15	As outlined in written rules. (Basic weight NA Weight rule)	953 kg (2100 lbs)		
	16	If item 15 is less than minimum, the weight of correctors is.			
17	Is the corrector permanently fixed to the bunk top and the amount of weight permanently marked?		Yes / No		

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<b>Rule No.</b>	<b>Item No.</b>	<b>Measurement</b>	<b>Minimum</b>	<b>Actual</b>	<b>Maximum</b>
6.5	<b>Rudder</b>				
	18	Does the rudder comply with the construction materials as outlined in the written rules?		Yes / No	
	19	Minimum weight.	7.7 kg (17 lbs)		
	20	Blade thickness from transom to 711 mm (2' 4") below transom	35 mm (1 3/8")		45 mm (1 3/4")
	21	Depth of rudder below water line	813 mm (2' 8")		
	22	Minimum rudder width	178 mm (7")		
	23	Maximum rudder width			432 mm (17")
	24	Is the rudder at least 279 mm (11") wide at some point below the water line?		Yes / No	
25	Does the rudder comply with the rules with respect to the blade being fixed or non-adjustable relative to the pintles?		Yes / No		

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Rule No.	Item No.	Measurement	Minimum	Actual	Maximum
6.8		<b>Forestay Bow Fitting</b>			
	27	Forestay attachment hole in bow fitting from bow of hull.			230 mm (9"0)
	28	If required (see rule) is there a painted contrasting band (min. 6 mm {1/4"}) for the forestay attachment hole?		Yes / No	
6.9		<b>Mast Step</b>			
	29	Does the mast step comply to the written rules?		Yes / No	
6.10		<b>Traveller</b>			
	30	Bottom of mainsheet traveller track above seat level.			25 mm (1")
	31	Distance from aft end of cockpit to center of traveller track.	534 mm (21")		584 mm (23")
7.1		<b>Mast General</b>			
	32	Does the mast comply in all respects to rules 7.1?		Yes / No	
	33	Minimum Weight	20.4 kg (45 lbs)		

Sail #-----

<b>Rule No.</b>	<b>Item No.</b>	<b>Measurement</b>	<b>Minimum</b>	<b>Actual</b>	<b>Maximum</b>
7.2	<b>Mast Bands</b>				
	34	Are the mast bands (2) at least 25 mm (1") wide, painted on the mast and in a contrasting colour?		Yes / No	
	35	Upper edge of lower mast band above sheer.	953 mm (3' 1 1/2")		977 mm (3 2 1/2")
	36	If boom has fixed gooseneck with boom at right angles to mast, is top surface of boom above top of lower mast band?		Yes / No	
	37	Lower edge of upper mast band to upper edge of lower mast band.			7010 mm (23')

7.3	<b>Spreaders</b>				
	38	Are spreaders of wood, aluminum, or stainless steel and at least 16 mm (5/8") diameter or equivalent cross-section?		Yes / No	
	39	Length of spreaders from centerline of stay to near side of mast.	585 mm (23")		
	40	Centerline of spreaders above upper edge of lower mast band.	2226 mm (7' 3 1/2")		2276 mm (7' 5 1/2")

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<b>Rule No.</b>	<b>Item No.</b>	<b>Measurement</b>	<b>Minimum</b>	<b>Actual</b>	<b>Maximum</b>
7.4	<b>Jumper Struts</b>				
	41	Are jumper struts of wood, aluminum, or stainless steel and at least 12 mm (1/2") diameter or equivalent cross section?		Yes / No	
	42	Length of jumper strut from mast to center of the stay.	255 mm (10")		
	43	Angle of jumper struts to fore and aft centerline of mast.	45 deg.		55 deg.
	44	Centerline of jumper struts above upper edge of lower mast band.	5182 mm (17')		5232 mm (17' 2")

7.5	<b>Stays and Turnbuckles</b>				
	45	Is the forestay wire at least 3 mm (1/8") in diameter?		Yes / No	
	46	Are the upper shrouds at least 4 mm ( 5/32") in diameter?		Yes / No	
	47	Are the turnbuckles for the upper shrouds at least 8 mm (5/16") in size?		Yes / No	
	48	Are the lower shrouds at least 3 mm (1/2") in diameter?		Yes / No	

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<b>Rule No.</b>	<b>Item No.</b>	<b>Measurement</b>	<b>Minimum</b>	<b>Actual</b>	<b>Maximum</b>
7.5		<b>Stays and Turnbuckles con't</b>			
	49	Are the turnbuckles for the lower shrouds at least 6 mm (1/4") in size?		Yes / No	
	50	Is the backstay at least 2 mm (3/32") in diameter?		Yes / No	
	51	Are the jumper stays at least 2 mm (3/32") in diameter?		Yes / No	
	52	Are the turnbuckles for the jumpers stays at least 5 mm (3/16") in size?		Yes / No	
	53	Is a roller furling system installed?		Yes / No	
	54	If a roller furling system is installed, is it rated for a minimum of 907 kg (2000 lbs)?		Yes / No	
55	If a foil/slotted roller furling system is installed, is it restricted to a single luff groove?		Yes / No		
7.6		<b>Standing Rigging</b>			
	56	Does the standing rigging comply with the written rules?		Yes / No	
7.7		<b>Lower Shrouds</b>			
	57	Intersection of lower shrouds with mast below centerline of spreaders.			100 mm (4")

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<b>Rule No.</b>	<b>Item No.</b>	<b>Measurement</b>	<b>Minimum</b>	<b>Actual</b>	<b>Maximum</b>
7.8	58	<b>Upper Shrouds</b> Attachment point of upper shrouds to mast below centerline of jumpers struts.			150 mm (6")
7.9	59	<b>Forestay</b> Intersection of forestay with mast above upper edge of lower mast band.	5182 mm (17' 0")		5194 mm (17' 1/2")
7.10	60 61	<b>Jumper Stays</b> Attached to masthead fitting? Intersection of jumper stays with mast above centerline of spreaders.		Yes / No	100 mm (4")
7.11	62	<b>Jib Halyard Block</b> Distance of block attachment point below intersection of forestay and mast.	76 mm (3")		
7.12	63 64	<b>Spinnaker Halyard Block</b> Maximum height spinnaker halyard block lead above upper edge of lower band. Horizontal distance between front mast and forward side of spinnaker halyard at block.			5235 mm (17' 2") 76 mm (3")

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<b>Rule No.</b>	<b>Item No.</b>	<b>Measurement</b>	<b>Minimum</b>	<b>Actual</b>	<b>Maximum</b>
7.13		<b>Mast Foot Position</b>			
	65	Mast foot position from forestay attachment hole at bow fitting.			2235 mm (7' 4")
	66	Is there a painted contrasting band at least 6 mm (1/4") wide for the forestay attachment hole at bow fitting?		Yes / No	
	67	Does the mast foot comply with the written rule to prevent adjustment while racing?		Yes / No	
7.14		<b>Boom</b>			
	68	Does the boom comply with the written rules?		Yes ? No	
7.15		<b>Boom Band</b>			
	69	Is there a 25 mm (1") or wider painted band of contrasting colour with its forward edge no more than 3100 mm (10' 2") from the aft side of the mast?		Yes / No	
7.16		<b>Boom Vang</b>			
	70	Is the boom vang led to within 305 mm (1") of the aft side of the mast?		Yes / No	

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<b>Rule No.</b>	<b>Item No.</b>	<b>Measurement</b>	<b>Minimum</b>	<b>Actual</b>	<b>Maximum</b>
7.17		<b>Spinnaker Pole</b>			
	71	Maximum length.			2235 mm (7' 4")
	72	Highest point of attachment of pole above upper edge of lower mast band.			813 mm (32")
7.18		<b>Sheets</b>			
	73	Do the sheet leads comply with the written rules?		Yes / No	
9.4		<b>Motor</b>			
	74	Weight of motor and empty fuel tank.	27.2 kg (60 lbs)		
	75	If item 74 is less than minimum, the weight of correctors is?			
	76	Is the corrector permanently fixed in the lazarette and the amount of weight permanently marked?		Yes / No	
9.10		<b>Hiking Aids</b>			
		Does the boat conform to the written rules regarding hiking aids/restrictions?		Yes / No	

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**Declaration to be signed by the Measurer:**

I declare that I have measured and weighed the above boat and that it complies, to the best of my knowledge, in every respect with the **Shark 24** International Class Rules, except as stated under “ Measurer’s Remarks”.

**Incomplete Measurement forms should not be signed or submitted.**

(Note: The “Remarks” space should also be used for comments of the Measurer on Quality of construction and other observations.)

**Measurer’s Signature** \_\_\_\_\_ **Date** \_\_\_\_\_

Measurer’s name (please print) \_\_\_\_\_

Rule No.	Measurer’s Remarks