

**INTERNATIONAL SHARK CLASS ASSOCIATION (ISCA)
MEASUREMENT FORM**

To obtain an ISCA measurement Certificate:

- 1) The owner must be a member of National Shark Class Association (NSCA).
- 2) A builder's registration plaque shall be affixed to the hull. The plaque provides the registration number and sail number.
- 3) A NSCA Measurer shall take the measurements and certify on this form that the boat conforms with the current International Shark Class Association (ISCA) rules.
- 4) The completed Measurement Form shall be submitted **by the Owner** to the NSCA Chief Measurer together with the current measurement registration fee. All sections of the form must be completed.

PLEASE PRINT

OWNERS NAME:					
ADDRESS:					
EMAIL:		POSTAL CODE:			
TELEPHONE:		Home:		Bus:	
BOAT NAME:		SAIL No.			
SAILING CLUB:					
NSCA REGION:					
BUILDER:		YEAR:			
NEW MEAUREMENT:		UPDATE TO MEASUREMENT:		DATE:	

If this is an update to measurement, complete this page, all relevant sections, and page 13 before submitting to the National Measurer.

All numbering in this form refers to the relevant section in the ISCA Specifications.

6. HULL, DECK, KEEL AND RUDDER**6.1 HULL**

Item	Measurement	Minimum	Actual	Maximum	Comments
	Overall Hull Dimensions				<i>Visual inspection only to see if any modification were made.</i>
e	Length	7315 mm (24')		7315 mm (24'0)	
e	Beam	2083 mm (6'10")		2083 mm (6'10")	
f	LWL	6095 mm (20'0")		6095 mm (20'0")	
f	Draft	965 mm (3'2")		965 mm (3'2")	

6.2 DECK

Item	Measurement	Comments
c	Do deck and cockpit drains, comply with written rule?	Yes / No
d	If wood coaming is wood, is at least as high as standard fibreglass coaming?	Yes / No
e	Does the boat conform with the rule prohibiting control lines from leading through the cockpit coaming, hull or deck ?	Yes / No

6.3 KEEL

Item	Measurement	Minimum	Actual	Maximum	Comments
a	Weight	299 kg (660 lbs)		313 kg (660 lbs)	<i>If keel has not been removed assume weight is within spec.</i>
b	Does the keel conform to dimensions shown in appendix III, Fig 1?		Yes / No		<i>See appendix III</i>

Item	Measurement	Minimum	Actual	Maximum	Comments
c	Web thickest	16 mm (5/8")		28 mm (7/8")	<i>Constant thickest over length of web may vary 6 mm at localized areas</i>
c	Are leading & trailing edge of the web tapered within a max 50 mm		Yes/No	50 mm	
d	Trailing edge of flange to transom	3295 mm (10' 9 3/4")		3325 mm (10' 11")	
d	Aftermost point of keel shoe to transom on centreline	2825 mm (9' 3 1/4")		2865 mm (9' 4 3/4")	
d	Aftermost point of keel shoe to nearest point on centreline of the hull	655 mm (2' 1 7/8")		685 mm (2' 3 1/8")	
e	Extension of flange below hull surface is minimum 12 mm (1/2")	12 mm (1/2")	Yes / No		
f	Fairing at front & rear of flange at junction of hull is a max 150 mm (6")		Yes/No	150 mm (6")	
g	Fairing of flange along sides is max 11 mm (7/16") radius		Yes/No	11 mm (7/16")	

6.4B WEIGHT (North America only)

Item	Measurement	Minimum	Actual	Maximum	Comments
a	Basic Boat Weight	953 kg (2100lbs)			
c	Corrector weight				
c	Correctors permanently affixed and weight permanently marked		Yes / No / NA		

6.5 RUDDER

Item	Measurement	Minimum	Actual	Maximum	Comments
a	Does the rudder comply with the construction materials as outlined?		Yes / No		
b	Weight	7.7 kg (17lbs)			
b	Corrector weight permanently affixed			0.9 kg (2.0lbs)	
c	Blade thickness between transom & 711 mm (2'4") below the transom	35 mm (1-3/8")		45 mm (1-3/4")	
d	Minimum depth below transom	813 mm (2'8")			
e	Width of rudder between transom & 711 mm (2'4") below the transom	178 mm (7")		432 (17")	
e	Width of rudder between transom & 711 mm (2'4") below the transom must be 279 mm (11") wide at some point		Yes / No		
f	Rudder fixed and not adjustable. Gudgeons can be shimmed to vertical		Yes / No		
g	Rudder locked in place		Yes / No		
h	Horizontal foils above or below the waterline		Yes / No		

6.6 TILLER

Item	Measurement	Minimum	Actual	Maximum	Comments
a	Maximum length including all fittings			1270 mm (50")	

6.7 CHAIN PLATES

Item	Measurement	Minimum	Actual	Maximum	Comments
a	Upper & lower shrouds bolted to the after side of the main bulkhead, close to gunwale as possible		Yes / No		
b	Backstay leading to a single chain plate on port side of tiller		Yes / No		

6.8 FORESTAY BOW FITTING

Item	Measurement	Minimum	Actual	Maximum	Comments
a	Centre of forestay attachment hole from foremost point of hull (bow fitting extension excluded)			230 mm (9")	
b	Contrasting band forward of the hole	6 mm (1/4")	Yes / No		

6.9 MAST STEP

Item	Measurement	Minimum	Actual	Maximum	Comments
a	Channel minimum 560 mm (22") long, 90 mm (3-1/2") wide & 45 mm (1-3/4") high		Yes / No		<i>Can be tapered fore & aft from the mast butt position</i>
b	Mast step is mounted on top of the cabin		Yes / No		

6.10 MAINSHEET TRAVELLER TRACK

Item	Measurement	Minimum	Actual	Maximum	Comments
a	Mounted across the cockpit with lower surface within 25 mm (1") of seat level		Yes / No		
b	Track position measured at seat level from aft end of cockpit to centreline of track	5534 mm (21")		584 mm (23")	
c	Thwart in place		Yes / No		

6.11 COMPRESSION POST

Item	Measurement	Minimum	Actual	Maximum	Comments
na	Is a compression post installed		Yes / No		
na	Does the compression post comply with the written rule 6.11		Yes / No / NA		

7. SPARS AND RIGGING**7.1 MAST**

Item	Measurement	Minimum	Actual	Maximum	Comments
a thru f	Does the mast comply in all respects to rules 7.1?		Yes / No		
c	Minimum weight	20.4 kg (45 lbs)			

7.2 Mast Bands

Item	Measurement	Minimum	Actual	Maximum	Comments
a / b	Mast bands (2) minimum 25 mm (1") painted in contrasting colour		Yes / No		

c	Upper edge of lower mast band above sheer	953 mm (37-1/2")		977 mm (38-1/2")	
c	Fixed gooseneck with boom at right angles to mast is above top edge of lower mast band		Yes / No		
d	Lower edge of upper mast band to upper edge of lower mast band			7010 mm (23')	

7.3 SPREADERS

Item	Measurement	Minimum	Actual	Maximum	Comments
a	Wood, aluminum or stainless steel		Yes / No		
a	Minimum 16 mm (5/8") diameter or equivalent cross-sectional area, measured at base	16 mm (5/8")			
b	Length of spreader from centreline of shroud to near side of the mast	585 mm (23")			
c	Centreline of spreaders above upper edge of lower mast band	2225 mm (7'3-1/2")		2275 mm (7'5-1/2")	

7.4 JUMPER STRUTS

Item	Measurement	Minimum	Actual	Maximum	Comments
a	Wood, aluminum or stainless steel		Yes / No		
a	Minimum 12 mm (1/2") diameter or equivalent cross-sectional area, measured at base	12mm (1/2")			

b	Length of jumper strut from centreline of shroud to near side of the mast	255 mm (10")			
c	Angle of jumper struts measured from the centreline of the mast	45°		55°	
d	Centreline of jumper struts above upper edge of lower mast band	5182 mm (17'0")		5232 mm (17'2")	

7.5 STAYS AND TURNBUCKLES

Item	Measurement	Minimum	Actual	Maximum	Comments
	Wire sizes				
a	Forestay	3.0 mm (1/8")	Yes / No		
a	Upper Shrouds	4.0 mm (5/32")	Yes / No		
a	Lower Shrouds	3.0 mm (1/8")	Yes / No		
a	Back Stay	2.0 mm (3/32")	Yes / No		
a	Jumper Stays	2.0 mm (3/32")	Yes / No		

Item	Measurement	Minimum	Actual	Maximum	Comments
	Turnbuckle sizes				
a	Upper Shrouds	8.0 mm (5/16")	Yes / No		
a	Lower Shrouds	6.0 mm (1/4")	Yes / No		
a	Jumper Stays	5.0 mm (3/16")	Yes / No		
b	Roller furling rating	907 kg (2000 lbs)	Yes / No / NA		
c	No luff or single luff groove on furling system		Yes / No / NA		

d	All rigging is Standard 1x19 wire.		Yes / No		<i>No Dyform or other non-standard rigging.</i>
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7.6 STANDING RIGGING

Item	Measurement	Minimum	Actual	Maximum	Comments
a	Rigging adjustable only by standard turnbuckles, excluding backstay		Yes / No		
b	All attachment points on the mast for standing rigging are external		Yes / No		

7.7 LOWER SHROUDS

Item	Measurement	Minimum	Actual	Maximum	Comments
na	Attached point shall be maximum 100 mm (4") below centreline of spreaders			100 mm (4")	

7.8 UPPER SHROUDS

Item	Measurement	Minimum	Actual	Maximum	Comments
na	Attached point shall not be above jumper strut centreline and maximum 150 mm below			150 mm (6")	

7.9 FORESTAY

Item	Measurement	Minimum	Actual	Maximum	Comments
na	Intersect of forestay above the upper edge of the lower mast band	5182 mm (17')		5232 mm (17'-2")	

7.10 BACKSTAY

Item	Measurement	Minimum	Actual	Maximum	Comments
na	Minimum length	7900 mm			

7.11 JUMPERSTAYS

Item	Measurement	Minimum	Actual	Maximum	Comments
na	Attached to masthead fitting		Yes / No		
na	Lower attachment point above centreline of spreaders			100 mm (4")	

7.12 JIB HALYARD BLOCK

Item	Measurement	Minimum	Actual	Maximum	Comments
na	Attachment point of the jib halyard block below the intersection point of the forestay & mast	76 mm (3")			

7.13 SPINNAKER HALYARD BLOCK

Item	Measurement	Minimum	Actual	Maximum	Comments
a	Maximum height of spinnaker halyard measured between block/lead & upper edge of lower band			5194 mm (17'1/2")	
b	Maximum horizontal distance between mast & forward side of block or lead			76 mm (3")	

7.14 MAST FOOT POSITION

Item	Measurement	Minimum	Actual	Maximum	Comments
a	"J" measurement. Measured between leading edge of the mast immediately above the foot casting & centre of forestay attachment hole.			2235 mm (7'4")	
b	Painted band on mast immediately aft of mast pin hole		Yes / No		

7.15 BOOM

Item	Measurement	Minimum	Actual	Maximum	Comments
na	Uniform cross section.		Yes / No		

7.16 BOOM BAND

Item	Measurement	Minimum	Actual	Maximum	Comments
a/b	Single painted band at least 25 mm (1") wide		Yes / No		
c	Position of painted band measured from the aft edge of the boom			3100 mm (10'2")	

7.17 BOOM VANGS

Item	Measurement	Minimum	Actual	Maximum	Comments
na	Vang led on centreline and within 305 mm (12") of the aft side of the mast ?		Yes / No	305 mm (12")	

7.18 SPINNAKER POLE

Item	Measurement	Minimum	Actual	Maximum	Comments
a	Length of pole between the front face of the mast and extreme end including all fittings			2235 mm (7'4")	
b	Highest point of pole attachment above the upper edge of the lower mast band			813 mm (32")	

7.19 SHEETS

Item	Measurement	Actual	Comments
a	Sheets led to points within the plan contours	Yes / No	
b	Mainsheet led within the cockpit	Yes / No	

c	Headsail sheets led first through fairlead located outside the cockpit area	Yes / No	
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9.4 MOTOR and Fuel Tank (North America Only)

Item	Measurement	Minimum	Actual	Maximum	Comments
b	Weight of motor & empty fuel tank.	27.2 kg (60 lbs)			
b	Corrector Weights				
b	Corrector weights permanently affixed in lazarette & weight permanently marked?		Yes / No / NA		

9.5 LAZARETTE COVER

Item	Measurement	Minimum	Actual	Maximum	Comments
b	Minimum weight of <u>replacement</u> lazarette cover	4.4 kg (9.7 lbs)			
c	Minimum weight of <u>replacement</u> transom hatch	0.68 kg (1.5 lbs)			

Corrector weights cannot be used to reach the above minimum weights

9.10 HIKING AIDS

Item	Measurement	Minimum	Actual	Maximum	Comments
na	Does the boat conform to the written rules regarding hiking aids/restrictions?		Yes / No		

9.11 Hand Rails

Item	Measurement	Minimum	Actual	Maximum	Comments
na	Cabin Top hand rails are present and are in there original position		Yes / No		

