

Measurement Instructions

Welcome to the 79th Thistle Nationals. There are seven measurements this year: sail inventory, all-up boat weight, floatation, compass compliance, rudder thickness, safety equipment, minimum J, and shroud position. By staying on top of these items, we guarantee the integrity of our one-design class. We have many boats to measure and will try to keep it as easy as possible. Please be patient and prepared so the process goes smoothly.

Before you arrive at the measurement station, please have all your equipment organized and your boat ready.

Please put your Name and Sail number on all pages

General

Measurement will begin after registration. Directions to the stations are available at registration. Please be prepared when you arrive at the various stations. Station requirements are listed further down. Please be sure you bring all necessary equipment in the prescribed form to each station to ensure no delays.

***Please note, in order for us to minimize time spent measuring boats at this Nationals we want to remind all competitors of Article VIII, Section 1 of the Thistle Class Constitution:*

"It is the owner's responsibility to see that his/her boat meets all the specifications of the Class. The Measurement Certificate contains only a few of the measurements of the Thistle. The owner is ultimately responsible for the accurate measurement of their boat."

Boat Measurement

Please arrive at the measurement station with your boat dry, correction weights installed, floatation dry and secure, inspection ports open, and all equipment excluded from the all-up weight disconnected.

Hull Weight		
All up weight	515 pounds minimum. Weight does not include sails, jib sheets, spinnaker pole, paddle, life preservers, spinnaker sheets, anchor and line and similar easily removable items. Rudder, tiller, mainsheet and attached hardware and rigging is included. All floatation that is securely attached and not to be removed is also included. Boats should arrive at this station with inspection ports open with inside of tanks dry.	

2025 Thistle Nationals – Measurement Form

Skipper Name

Sail #

	Record weight:		pounds
Corrector weights	<p>These shall be <i>firmly attached</i> to the hull, either exposed or, if inside a tank, located immediately adjacent to an inspection port. Half of the weight shall be located ahead of the chainplates with the other half at least 6'0" aft of the chainplates. Any weight over 15-lbs will be divided evenly and placed half in the bow and half in the stern with the two halves being at least 16' apart.</p>		
	Record if correctors needed:	YES	>15L B

Flotation			
Tanks	<p>On glass and wooden hulls with integrated bow tanks, all tanks to be checked to ensure they are dry. Forward and seat tanks must be <i>filled</i> with positive floatation. An integral or positive floatation aft is required. All enclosed bow tanks must be sealed against leakage. Any screw/bolt holes must be sealed to be approved.</p>		
	Approved:		
Wood Boats	<p>On wooden hulls, floatation must be under the aft grating and forward of the partners forward. Floatation under seats can be either positive or inflatable bags. All floatation must be firmly attached. Floatation in forward tanks must be at least 14" below the sheer and spray must be able to drain to bilge.</p>		
	Approved:		

Electric Compass

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Skipper Name

Sail #

Compass	Electronic compasses may only display heading, a clock including countdown timer and heel indicator. Other features must be turned off (not displayable by pushing any buttons while racing). Article X111. <i>(Mark NA for non-electric compasses)</i>	
	Approved:	
Other Measurements		
Rudder Thickness	Rudders will be checked for maximum thickness (7/8") on the lower part of the blade up to the break point line (extension aft along the line which defines the breakpoint). Rudders should not be left in the sun before measurement.	
	Approved:	
Minimum "J"	Sheer measurement from the front of the mast to the aft position of forestay with the forestay tension on. (57-inches minimum)	
	Approved:	
Shroud Position	Sheer measurement from stem to the intersection of the shroud and inwale with the forestay tension on. (79 1/8-inches minimum)	
	Approved:	

Sails

Only select sails will be measured. Current model sails from Evolution, North, or Quantum and sails bearing a previous Nationals stamp will not be measured. New designs from the above-mentioned makers or sails from another sail maker will be measured. Sails with more than two-years of use may be exempt from measurement upon approval from the Measurement Committee.

Sail Inventory					
Sail	Main #1	Main #2	Jib #1	Jib #2	Spinnaker
Sailmaker					

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Skipper Name

Sail #

Date Acquired					
Model					
Comments					
				Measurer Initials:	

Submitted by: _____

Date: _____

Accepted by: _____

Date: _____

Contacts:

Measurement Chair: Paul Kreitler (614) 507-7360

Assistant Measurement Chair: Noah Craciun (234) 600-8245

Chief Measurer: Bob White, (614) 296-8210