



Elliott 5.9
Class Association

Elliott 5.9

Application for Measurement Certificate

In order to obtain a measurement certificate:

- 1 The owner shall apply to Yachting New Zealand for a registration as a Trailer Yacht and for Sail numbers, on an official YNZ form along with set fee.
- 2 A measurer officially recognised by the Elliott 5.9 Class Association shall measure and complete the Measurement Form. The yacht shall also be required to conform with all the class rules even though measurements may not be required on this form.
- 3 The Measurement Form, when completed, shall be submitted to the Elliott 5.9 Class Association together with any registration fee that may be required.

When submitting the Measurement Form please make sure that the following details have been properly completed and provided.

Name of Boat: _____ YNZ Sail No.: _____ Date Built: _____

Owners Name (please print): _____

Owners Address: _____

Phone Numbers: Home _____ Work _____

(area code) (number) (area code) (number)

Email _____ Fax _____

(area code) (number)

Mobile No. _____

Owners Yacht Club _____

Date Measurements Completed: _____ Measurers Name: _____

Previous Measurement Certificate enclosed *Yes/No*

Measurement Form enclosed *Yes/No*

Registration Fee (if any) enclosed *Yes/No*

Elliott 5.9 Measurement Form

Part 1 - Hull, Mast, Boom & Safety Equipment

Boat: _____ **Date of Measurement:** _____ Pass Fail

YNZ **Class Measurer:** _____
Sail No. _____

Rule #	Measurement	<i>Measurements in mm unless otherwise stated</i>	
HULL:			
6.1	Check hull and deck for modification, bracing or stiffening. Forward hiking strap attached inboard of deck ridge.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail
6.2	Record weight of hull, deck and keel fittings (rudder & rudder stock off boat)	Min 580 kg	Actual :
	Record corrector weights - fixed/removable		Amount :
6.4	Attachment points for forward stacking strap – inboard of deck ridge – wooden deck – maximum from centre line	Max 582	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
7.1.3	Check bulb and fairing on bulb	Max 30	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
8.2	Weigh rudder blade	Min 5.25 kg	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
8.3	Does rudder fit template?		<input type="checkbox"/> Pass <input type="checkbox"/> Fail

MAST:			
9.3	Top-mast taper to 50% of original diameter	Max 2000	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
9.4.1	Distance from heel to upper edge of lower band	Max 580	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
9.4.2	Distance from heel to lower edge of top coloured band	Max 8300	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
9.4.2	Distance between two coloured bands	Max 7720	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
10.1.1	Main shroud height	Min 6390 / Max 6600	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
10.1.2	Forestay height	Min 6390 / Max 6600	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
10.1.3	Vertical separation of main shrouds & forestay	Max 100	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
10.1.4	Lower shroud height	Min 3250 / Max 3350	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
10.2	Spreader height	Min 3280 / Max 3380	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
App 3	Spreader length max 1060, rake max 400		<input type="checkbox"/> Pass <input type="checkbox"/> Fail
10.3	Height of spinnaker sheave (top)	Max 6870	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

BOOM:			
11.2	Distance between coloured band and aft face of mast sailtrack	Max 3800	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
11.3	Is boom able to be set below lower mast band?		<input type="checkbox"/> Pass <input type="checkbox"/> Fail
12.2	Spinnaker boom overall length from front of mast	Max 2590	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

SAFETY EQUIPMENT:			
14.1	Towing ring or eye fitted to the bow		<input type="checkbox"/> Pass <input type="checkbox"/> Fail
14.2	Tow line - 11.8 metres minimum length		<input type="checkbox"/> Pass <input type="checkbox"/> Fail
14.3	Buoyancy Vests – minimum 3		<input type="checkbox"/> Pass <input type="checkbox"/> Fail
14.5	Anchor (Danforth 8S – 4.5kg), warp (46 m) inc chain (5.9m of 6mm chain)		<input type="checkbox"/> Pass <input type="checkbox"/> Fail
14.6	Orange flag 600 x 600		<input type="checkbox"/> Pass <input type="checkbox"/> Fail
14.7	Bucket - 4 litre, lanyard		<input type="checkbox"/> Pass <input type="checkbox"/> Fail

E5.9 Measurement Form

Part 2 - SAILS

Boat: _____ Date: _____ Pass Fail

YNZ Sail No. _____ Class _____
 Measurer: _____

Rule #	Measurement	<i>Measurements in mm unless otherwise stated</i>		
	MAINSAIL:			
13.2.1	Length of leech	Max 8220	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.2.3	Window - 1000 from luff 200 from foot	Min 0.18 m ²	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
App 1	Top edge of top batten at luff to top of sail	Min 1230	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
App 1	Top edge of top batten at leech to top of sail	Min 1400	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
App 1	Length of top batten pocket	Max 1220	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
App 1	Battens 2,3 & 4 approx equal distance down leech		<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
App 1	Length of battens 3 & 4	Max 1300	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.2.2	Headboard width	Max 165	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.2.4	Three-quarter height width	Max 1620	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.2.4	Half height width	Max 2640	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.2.6	One (1) reef fitted		<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
	HEADSAIL - No. 1			
13.3.1	Length of luff	Max 6700	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.3.1	Length of leech	Max 5960	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.3.1	Length of foot	Max 2400	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.3.2	Headboard width	Max 50	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.3.3	Half height width	Max 1380	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.3.4	Three-quarter height width	Max 740	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.3.6	Length of battens 2 & 3	Max 300	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
	HEADSAIL - No. 2			
13.3.1	Length of luff	Max 6700	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.3.1	Length of leech	Max 5960	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.3.1	Length of foot	Max 2400	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.3.2	Headboard width	Max 50	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.3.3	Half height width	Max 1380	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.3.4	Three-quarter height width	Max 740	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.3.6	Length of battens 2 & 3	Max 300	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
	HEADSAIL - No. 3			
	Record length of luff (JL)			
	Record length of clew to luff (LP)			
13.1.2	Record area $\frac{JL \times LP}{2}$	Max 5.276 m ²	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
	SPINNAKER - No. 1			
13.4.1	Length of luffs	Max 7200	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.4.1	Length of foot	Max 4400	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.4.1	Maximum width	Max 4400	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
	SPINNAKER - No. 2			
13.4.1	Length of luffs	Max 7200	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.4.1	Length of foot	Max 4400	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
13.4.1	Maximum width	Max 4400	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail