

Reference No. \_\_\_\_\_

Certificate No. \_\_\_\_\_

# Paper Tiger Catamaran International Association

## SELF MEASUREMENT FORM

Amended June 2000; July 2002; April 2012; February 2020

Name of boat: \_\_\_\_\_ Sail No: \_\_\_\_\_

Owner's name: \_\_\_\_\_

Owner's address: \_\_\_\_\_

\_\_\_\_\_ Postcode: \_\_\_\_\_

Phone: (H) \_\_\_\_\_ (B) \_\_\_\_\_ (Mob.) \_\_\_\_\_

Email: \_\_\_\_\_ Owner's club: \_\_\_\_\_

Builder's name: \_\_\_\_\_ Date built: \_\_\_\_\_

Hull material: \_\_\_\_\_ Hull colour: \_\_\_\_\_

### GENERAL CONDITIONS

The following applies when seeking a valid Measurement Certificate for a Paper Tiger Catamaran:

- This form is to be filled in and certified by the relevant State or National Association Measurer where possible. Where this is not possible, the applicant may fill in the details to the best of their ability on the understanding that any certificate issued could be challenged when attending an Association Championship event.
- A boat shall conform with all the Class Rules, even if specific measurements are not required in this form. The State or National Measurer shall certify that, to the best of his/her knowledge, the boat conforms with all stipulated measurements and Class Rules.
- A unique Sail Number is issued with each set of construction drawings. Only one boat may be designated by this number. If both of the original hulls are replaced on a certified boat, a new number must be obtained.
- The completed form, along with any associated fee stipulated by the National Association, shall be forwarded to the National Measurer for official certification, recording, and issue of a valid certificate. If self measured, a copy of this form shall also be forwarded to the relevant State Measurer.
- Measureable changes made to a certified boat shall be promptly notified to the National measurer.
- The allocated sail number and construction date shall be conspicuously, permanently marked inside each hull.

### MEASURER TO NOTE

- A steel tape measure shall be used to determine all dimensions.
- Certified scales shall be used to determine all weights. If non-certified scales are used when self measuring, this must be noted on the form and the weights verified at a future Association Championship event.
- Hull templates (if used) shall be obtained from the National Association.
- All measurements are in millimetres, unless stated otherwise.
- Refer to the Class Rules while completing this form. Enter measured dimensions or answer yes / no as required.
- In the event of a discrepancy between the recorded measurement or requirement and the class rules, the discrepancy shall be referred to the National Measurer for adjudication.

Reference No. \_\_\_\_\_

Certificate No. \_\_\_\_\_

RULE No.	REQUIREMENT OR DIMENSION	MIN.	PORT HULL	STBD HULL	MAX.
<b>2</b>	<b>HULLS</b>				
2.2	Are the decks straight athwartships?		yes / no	yes / no	
	Are all hull panels flat in section profile (allowing for natural twist in material between frame sections)?		yes / no	yes / no	
2.3	Maximum hull length, excluding gunwales (measured parallel with the designed waterline).				
2.4	Maximum overall beam at deck level (excluding gunwales).				
2.5	Are gunwales mounted externally?		yes / no	yes / no	
	Gunwale width (measured horizontally).				
	Gunwale height (measured vertically).				
	Gunwale width between main and rear beam.				
	Gunwale radius at the bow (plan view).				
2.6	Station 2 overall hull height.				
	Station 2 chine height				
	Station 2 hull width at deck level (not including gunwales)				
	Station 2 hull width at chine level.				
	Station 6 overall hull height.				
	Station 6 chine height				
	Station 6 hull width at deck level (not including gunwales)				
	Station 6 hull width at chine level.				
	Station 10 overall hull height.				
	Station 10 chine height				
	Station 10 hull width at deck level (not including gunwales)				
	Station 10 hull width at chine level.				
	Station 14 overall hull height.				
	Station 14 chine height				
	Station 14 hull width at deck level (not including gunwales)				
	Station 14 hull width at chine level.				
Maximum distance between the bow template and the bow profile.					
Radius on the chines (except forward of Station 2) and the keel.					
<b>3</b>	<b>BEAMS AND TRAMPOLINE</b>				
3.1	Are the main and rear beams aluminium alloy square tube?		yes / no		
	Main beam section size.				
	Main beam wall thickness.				
	Rear beam section size.				
	Rear beam wall thickness.				
3.2	Are the beams mounted flush on the decks?		yes / no	yes / no	
3.3	Are the dimensions of 'L' brackets (if used) within tolerance?		yes / no	yes / no	

RULE No.	REQUIREMENT OR DIMENSION	MIN.	PORT HULL	STBD HULL	MAX.
3.4	Distance from the centreline of the rear beam to the transom at keel. *				
	Distance from the centreline of the main beam to the transom at keel. *				
	Angle of the main beam ends.				
	Angle of the rear beam ends.				
	<i>* Measured parallel to the waterline at deck level.</i>				
3.5	Is a trampoline support, of aluminium section, securely fixed along the longitudinal centreline of the boat?		yes / no		
3.7	Jumper strap width (stainless steel flat section).				
	Jumper strap thickness (stainless steel flat section).				
	Jumper strap width (aluminium alloy flat section). #				
	Jumper strap thickness (aluminium alloy flat section). #				
	<i># Aluminium alloy strap to have a minimum cross section area of 160mm<sup>2</sup></i>				
	Have all sharp edges on the strap been removed or protected?		yes / no		
	Does the strap extend beyond the inner gunwales?		yes / no	yes / no	
3.8	Is the traveler track straight?		yes / no		
	Is the traveler track longer than the top surface of the rear beam?		yes / no		
<b>4 WEIGHT</b>					
4.1	Hull weight in dry condition with fixed fittings, inspection port covers and fixed compass. (Weighed or rounded to one decimal place)				
4.5	Are corrector weights distributed in accordance with Rule 4.5?		yes / no		
<b>5 CHAINPLATES</b>					
5.1	Are the chainplates positioned on the outer side of each hull?		yes / no	yes / no	
5.2	Distance from the centerline of the main beam to the near edge of the closest hole in the rear chainplate.				
5.3	Distance from the centerline of the main beam to the near edge of the closest hole in the front chainplate.				
<b>6 CENTRECASES</b>					
6.1	Distance from rear of slot to transom at keel (measured along keel)				
6.2	Length of centreboard slot at deck level.				
	Width of centreboard slot at deck level.				
	Length of centreboard slot at keel level.				
	Width of centreboard slot at keel level.				
	Depth of deck recess for centreboard stops.				
6.3	Is the centreboard fitted with a device or means to angle the centerboard to port or starboard?		yes / no	yes / no	
<b>7 CENTREBOARDS AND RUDDERS</b>					
7.2	Does the centreplane of each hull, its centreboard case and its rudderstock (in the fore and aft position) coincide?		yes / no	yes / no	
7.3	Width of rudder or rudder stock within 100mm of the waterline.				
7.4	Max. distance from the transom to the rudder pintle pin centerline.				

RULE No.	REQUIREMENT OR DIMENSION	MIN.		MAX.
<b>8</b>	<b>SPARS</b>			
8.1	Is the mast a parallel aluminium alloy extrusion?		yes / no	
	Is the boom a parallel aluminium alloy extrusion?		yes / no	
	Mast dimension – major axis.			
	Mast dimension – minor axis.			
	Mast weight			
	Boom weight			
8.2	Is the boltrope track continuous (except below the gooseneck and at the boltrope entry)?		yes / no	
8.3	Mast length from top of masthead fitting to top of main beam			
8.4	Boom length (including gooseneck plug).			
8.5	Distance from the lower edge of the shackle pin hole in the upper hound to the top of the main beam.			
	Distance from the lower edge of the shackle pin hole in the lower hound to the top of the main beam.			
	Distance from the outer edge of the shackle pin hole in the upper hound to the mast surface.			
	Distance from the outer edge of the shackle pin hole in the lower hound to the mast surface.			
8.6	Is the mast sealed?		yes / no	
8.7	Are mainsheet block positions on the boom alterable whilst racing?		yes / no	
8.8	Are downhaul control fittings mounted only on mast and/or spanner?		yes / no	
8.9	Is the boom vang attached to only one point on the boom and to a saddle or spanner attached to the mast at or near its base?		yes / no	
8.10	Are any other connections made between the mast and boom?		yes / no	
8.11	Are the outhaul control fittings only located on or within the boom?		yes / no	
8.12	Do control line ends take load outside regulated areas?		yes / no	
<b>10</b>	<b>SAIL</b>			
10.3	Are 7 full length battens fitted?		yes / no	
10.6	Is the leech profile a fair curve?		yes / no	
10.8	Is the leech cord adjustment located on the sail or boom only?		yes / no	
10.9	Are sail numbers located in accordance with relevant ISAF rules?		yes / no	
10.11	Luff dimension.			
	Leech dimension.			
	Top width.			
	Upper leech point.			
	Upper width.			
	Three quarter width.			
	Half width.			
	Quarter width.			

Reference No. \_\_\_\_\_

Certificate No. \_\_\_\_\_

RULE No.	REQUIREMENT OR DIMENSION	MIN.		MAX.
	Foot dimension.			
	Tack point to bottom batten at luff.			
	Clew point to bottom batten at leech.			
	Tack reef point (measured up luff).			
	Clew reef point (measured up leech).			

**DECLARATION**

I hereby declare that I have measured and weighed this boat, that the particulars entered on this form are correct and that to the best of my knowledge the boat complies with the current rules and restrictions of the Paper Tiger Catamaran Class, except as stated below in the measurer's comments.

**MEASURER'S COMMENTS**

Measurer's name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**STATE MEASURER'S APPROVAL**Approved Rejected 

Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**NATIONAL MEASURER'S APPROVAL**Approved Rejected 

Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DISPENSATIONS**