

Viper 640 Preparation for Inspection - Prior to Regatta

Safety Equipment:

Make sure your boat has all of the safety equipment on board specified in Rule 9.1 to 9.5. See also checklist attached.

Spars and Standing Rigging

- Make sure that you have a white lower mast band on the mast as defined in Rule 4,1 (b). The upper edge of the mast band shall be 1190 mm above the cockpit floor. If you measure from the bottom of the mast butt, you will be within the tolerance. White electrical tape is fine and the measurers will not be too concerned about the width of the band as long as the upper edge is 1190 above cockpit floor
- Extend sprit to full extent. Make sure it does not exceed 190cm per rule 4.6
- When you take your mast down, measure the headstay to ensure that it does not exceed 7588 mm per rule 5.1 (b).
With your mast up, secure the mast in the partners, remove the headstay from the chainplate and pull the headstay vertically down the front of the mast, mark the headstay where it intercepts with the top of the lower mast band. You can use electrical tape or any other form of mark. This will save you time on measurement day and is a useful mark to keep track of your headstay tune.
- Check that you have class legal turnbuckles. If your boat came from Rondar with something else.....please reach out to the TC for a waiver before the regatta.

Keel and Rudder Tower

- If your keel has never been faired by either you or a previous owner, you should be good to go. However, we recommend finding time with a local measurer or an event measurer to get your keel measured to discover how close you are to template.
- If your keel has been faired, then it should be measured. If you have been previously measured , please let TC know ahead of time. At the 2023 NAC we will be doing spot measurements of keels
- Check you have a squaretail boat or have installed the vertical rudder bracket.

Running Rigging

- Make sure that all of your lines comply with Rule 6.1
 - (a) Tapered sheets or halyards are prohibited except where pennants and tails are specified in these Rules
 - (b) Minimum Diameters are specified in metric measurements.

	Minimum Diameter	Approximate Imperial
Spinnaker Sheet	7 mm.	9/32"
Jib Sheet	7 mm	9/32"
Main Sheet	8 mm	5/16"
Halyards and Spinnaker Retrieval line	4 mm	3/16"

- Make sure that you have a fixed length or 2 fixed length shackles for the jib tack.
- Make sure that your mainsheet purchase and your gnav purchase complies with the rules.

Sails

Check that your sails have two tags on the starboard tack. (i) A Royalty tag (unless your sail was made before January 2018) and (ii) Class Association Registration sticker denoting boat number and year.

Identify no more than 2 suits of sails that you will be using at the event.

Everything Else

Look over your boat very carefully and identify everything on the boat that was not supplied by Rondar when the boat was new. Make sure that any piece of equipment, attachment, block, tape etc that was not supplied with the boat is specifically allowed in the class rules. There are 4 categories of components on the boat. This is a non-comprehensive list:

Equipment that must be identical equipment in identical location as supplied by the builder.

Everything not mentioned below.

Equipment that can be equivalent to supplied by builder. (“Equivalent” has a strict definition in Viper class rule 13.4)

Turning blocks, cam and clam cleats, storage bags, hiking straps, spinnaker sock, shackles, UV coating on mast, spreaders, gnav fittings, jib halyard cleat, spinnaker halyard cleat

Equipment defined by a specific rule.

Turnbuckles, Hiking Line, forward hiking straps, Line and/or tube at bow for spinnaker, compass, wind indicators, kelp stick, foam cockpit floor, PFD and other safety equipment, tiller, watertight inspection hatches, mast chocks, hand grips for shrouds, additional blocks for jib halyard, and sheets.

Equipment supplied by a class approved supplier to class specs.

Sails. Battens, and Electronic devices,

The Viper 640 is a tightly defined one design class where there are only 3 items on the boat where you use whatever equipment you want from any supplier:

The tiller extension, a means of securing the upper and lower shrouds from turning, and the paddle.

Anything else can be checked by the measurers to ensure it complies with class rules.

Viper 640 Preparation for Inspection – Inspection Day

We want to make the measurement process in the Viper Class an upbeat experience for the Viper sailors whose boat is being measured AND for the Viper sailors doing the measuring.

- The Technical Committee and Class Measurers are there to help you. They are always happy to answer questions and feel free to ask them to look at something on your boat that you are not sure about.
- The TC and measurers are also sailing in the event. Let us all be appreciative of their volunteer time by preparing our boats for measurement to ensure a smooth efficient measurement process.

Your boat will be allotted a time slot for measurement that you chose. Please make sure your boat is ready for measurement well ahead of time.

- **Keel in boat** with top plate secured to top of keel in identical manner to how it will be sailed
- **Mast up, with headstay not attached to chainplate** (secure the mast with the line, block and cleat at mast partners)
- **Bowsprit fully extended and cleated.**
- **Jib sheets, spinnaker sheets, mainsheet and Gnav line** run through their turning blocks
- **All safety Equipment laid out at the stern of the cockpit** (Paddle, # of PFDs , tow line,VHF radio)
- **Compass and /or GPS device in position**
- **Jib Tack shackle on sail or chain plate**
- **Sails: All sails should be alongside the boat on starboard**, with tacks showing. If they are in their bags, the tack shall be protruding to show the royalty tag and registration sticker. One spinnaker can be in the throat provided the starboard tack showing tags is clearly showing. Please don't put sails in the cockpit as this makes it hard to inspect the boat.

Before Inspection. Complete the Inspection checklist yourself. When you have completed the inspection checklist, and all your sails and equipment are laid out ready for inspection, notify a measurer within your time slot. The Measurer will inspect the boat and then sign next to each line that you have completed. **DON'T CALL THE MEASURER** until you have completed the inspection yourself.