

Self-Scrutineering Guide for 2022 Championships.

*Text in italics is intended to be helpful and is not official. **The form to be filled in is at the end of this guide.** It is entirely the competitor's responsibility that their boat is compliant with class rules. Spot checks may be made at the event and any boat found to be in breach of class rules is liable to be protested by the technical committee.*

It is expected that competitors will check their boat, not simply sign and return the form!

Paperwork

You must bring your measurement certificate with you to the event.

MROA Membership.

The boat owner must be an MROA member. The helm for the event must also be an associate member.

Certificate.

This must be in the name of the current owner.

Buoyancy.

The boat owner must have signed the buoyancy endorsement and had it witnessed by someone.

Weight.

Your correctors must be properly affixed to the boat with screws, bolts, adhesive or a combination. The weight of correctors must be the same as the figure declared on the certificate and the boat must weigh 98kg.

In practice most new boats come out at around 99.5kg on the MROA scales. Modern epoxy foam sandwich hulls vary in weight very little once measured unless changes are made to the boat. Wooden boats can dry out a surprising amount! If in doubt get it checked by a qualified measurer.

Bands.

Measurement bands must be painted onto the mast and boom. They must be of a contrasting colour and completely encircle the spar. Position as laid out in the class rules.

The tape bands as supplied on new Selden and Superspar masts and booms aren't compliant, they need to be removed and painted on.

Lower band.

If this is missing and the mast is original to the boat you can measure down from the lower edge of the upper band. If both bands are missing it is best to consult a measurer. If you have fitted a second-hand mast to a wooden boat and it hasn't been checked again, please consult a measurer. The deck heights vary significantly between builders and a mast off a boat with a low deckline will probably be out of class on a boat with a higher deckline as there is a tolerance on the lower band height measured from the sheerline.

The lower band is a datum point where several things are measured from. It's important that this is correct.

The upper band is simply your luff length which is measured upper edge of lower band to lower edge of upper band. This is recorded on your certificate.

The boom band is measured from the extension of the sail track on the mast. With the spars off the boat apply some masking tape to the top of the gooseneck. Place a straight edge on the track and place a mark on the tape which will represent the track extended. Put the boom fully onto the gooseneck and measure out from the mark, the front edge of the band should be placed at the foot measurement point recorded on the certificate.

Rig Size

The size of the jib and the foot measurement of the mainsail must be clearly and legibly marked onto the boom in letters minimum 10mm high. They must match what is recorded on the measurement certificate.

Aspire Merlin Rocket National Championships 2021

Scrutineering Declaration.

Boat Number _____

Helm name _____

Boat Owner _____ (If different)

I, _____ declare that:

I am a member of the Merlin Rocket Owners Association

I have a valid measurement certificate with current buoyancy endorsement

My boat's hull weight is greater than 98kg and the corrector weight fitted is in accordance with the measurement certificate.

My measurement bands are visible and in the correct place

My rig dimensions are recorded legibly on the boom and in accordance with the measurement certificate.

Any sails used at this event will have been measured.

There is no other reason why my boat doesn't comply with the class rules.

Signed _____ Date _____

End of declaration.

Spot checks may be made at the championships.

Checked by _____ Date _____ Signed _____