

# **Formula 18 Catamaran Measurement Query**

Spinnaker Halyard

Measurer

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6 November 2025

## Measurement Query

In our local fleet we have a boat that has the gennaker halyard running through the top of the mast and down the sail track and exiting at the bottom. I wanted to ask the technical committee if this was OK as I suspect that it breaks at least 2 class rules. Those rules being C 9.5 and F 3.4.

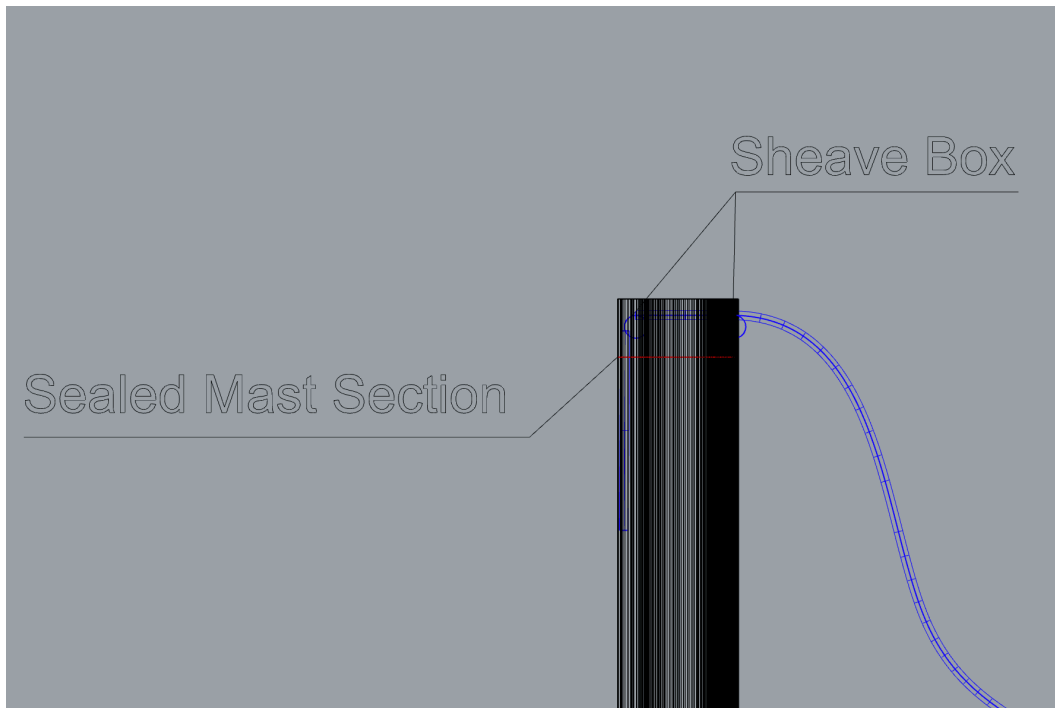
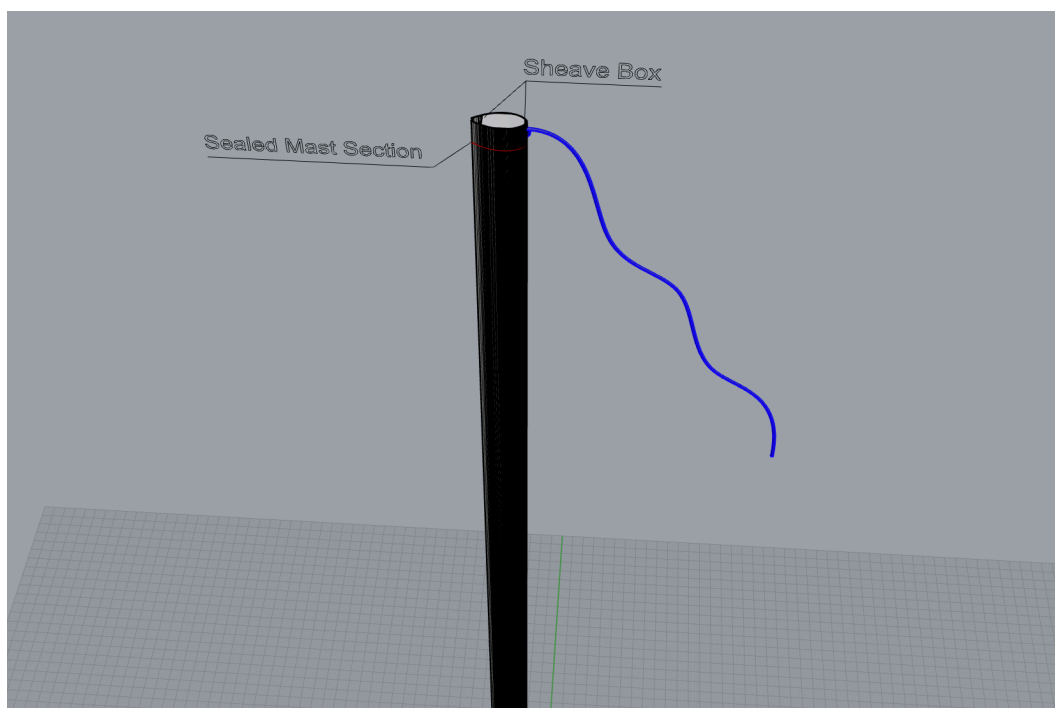


Figure 1



My interpretation is that the mainsail halyard which is also running rigging is allowed in the mast track due to the fact that it is essential to the use of the mast and its fittings. Which is in section F of the ERS. All other running rigging is to be lead outside of the mast. The track is still part of the mast spar.

In this case the gennaker halyard first enters the mast through the sheave box on the front, this alone breaks rule C 9.5. Then exits into the track of the mast at the back but due to the ERS definition of a spar it never really exits the spar again until it gets to the bottom. Where the cleat is.

I also think that the intention of rule F 3.4 is the mast is to be sealed from 450 mm up all the way to the top. This mast's sealed section stops below the top of the mast in the red section. The mast is hollow down to the red section which i don't think is the intention of the rule.

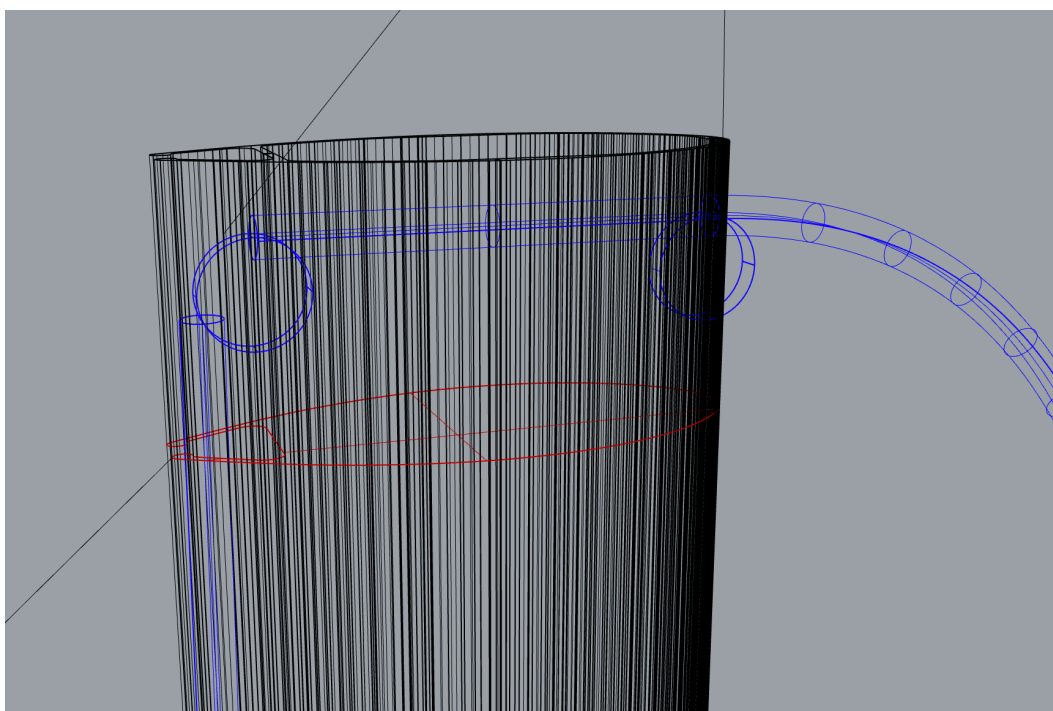


Figure 3

## Rules

Relevant Class rules

C 9.5 The running rigging shall be lead outside the mast Spar.

F 3.3 The mast shall have 1 fixed sail groove, which shall be an integral form of the mast spar and shall be of the same material.

F 3.4 Dimensions, the mast shall be water tight from 450 mm above the mast datum point upwards.

F 3.5 Fittings (a) Mandatory Mast head fittings, including mainsail sheave and locking device.

F 7.1 Running Rigging (a) Mandatory