

Request for interpretation Int 10r-2-2010

A request for interpretation has been received from the MYA regarding measurement of shroudless **rigs**, as used on boats with a flat foredeck, regarding the attachment of the **rig** to the boat where both swing and shroudless rigs are or can be used. In such boats the foredeck has usually been cut out to reduce weight in the boat and a beam fixed across the boat. This has no effect on the swing rig but means that there is often no point to fix the swivel of the **foresail** on the shroudless **rigs**. It is normal to create an attachment point for the **foresail** by using a 'Shroudless **rig foresail support spar**' attached to the mast at the aft end and fastened to the deck beam at its forward end. The question is whether this **spar** forms part of the **rig** for measurement purposes and so should be included in the measured area.

Documents affecting

Int 10r **Class Rules (CR)**

Equipment Rules of Sailing (ERS)

Discussion

The **CR** require that the total sail area shall include **Sail(s)** and **Spar(s)**. The presented area of the **main** and **foresail boom spars** is not included unless the greatest cross section exceeds 22mm in any direction, in which case their presented area shall be included.

The purpose of the rule is therefore to control the area of that part of the **rig** that generates propulsive force. Logically the components that make up the complete **rig** assembly may be divided into propulsive parts and those parts of the **rig** that form the attachment system of the **rig** to the **hull**. In this case the portion of the **mast** below the **boom** and the 'Shroudless **rig foresail support spar**' form the attachment system of the **rig** to the **hull** and have no direct propulsive effect.

Conclusion

The 'shroudless **rig foresail support spar** and the section of the **mast** below the main **boom** are not included in the measured area and so do not require measurement. However it is the case that the **spar** must not be of any greater size than is necessary to perform its function and oversized components which are or appear to be of a size capable of adding to the propulsive area of the **rig** may be required to be included in the total measured area.