

International Formula Windsurfing Class Rules Interpretation

Relevant Class Rules: (Effective Class rule at the time: 31/03/2021)

C.7 RIG

C.7.1. MAST

(a) CONSTRUCTION

- (i) The **mast spar cross section** shall be circular.
- (ii) Pre-bent **masts** are prohibited

(b) DIMENSIONS

	Min	Max
Mast length		6250 mm

C) LIMITATIONS

- (i) With the **mast** attached to the **hull** it shall be possible to incline the **mast** at least 90 degrees from the vertical axis of the hull in every direction.
- (ii) The **mast** shall have a quick release system, in order to be detached from the **hull**.

Relevant Equipment Rules of Sailing :

F.2.2 Mast Measurement Points

(...)

(b) HEEL POINT

The lowest point on the **spar** and its **fittings**.

(c) TOP POINT

The highest point on the **spar** and its **fittings**.

(...)

F.2.3 Mast Dimensions

(a) MAST LENGTH

The distance between the **heel point** and the **top point**.

C.7.1 Terms

(...)

(b) FITTING

An item, including any associated **fitting**, that is not part of the **boat** structure but is bonded or fastened to the **hull**, **hull appendages** or **rig**.

(c) FASTENING

To fix in place with bolts, screws or rivets.

(d) BONDING

To fix in place with glues, resins, sealants or other similar chemical agents.

Questions:

1. Is the mast base including the bottom screw, part of the mast length?



Considerations

The FWC class rules invoke the ERS, and make use of the ERS definition of **mast length** by stating the term in **bold**.

The **mast length** is therefore defined as the distance between the **heel point** and the **top point**. And therefore the distance between the lowest point on the **spar** and its **fittings** and the highest point on the **spar** and its **fittings**.

Rig Fittings are defined as items that are either bonded or fastened to the **rig**. Where bonded is defined as fixed with glues, resins, sealants, or other similar chemical agents and where fastened is defined as fixed with bolts, screws, or rivets.

The mast base is the attachment of the mast and the hull. It does not fit the definition of the rig fitting, it is neither fastened or bonded to the rig. It is fastened however in its lower part to the hull, therefore falling within the definition of a **hull fitting**.

The **heel point** is therefore the lowest point on the mast extension, being the lowest part the mast spar.

Interpretation

To the question; Is the mast base including the bottom screw, part of the mast length?

- ➔ No. Because the class uses the ERS definitions, the 'mast base' falls under the definition of hull fitting. The mast length shall therefore be taken from the top point of the mast, to the lowest point of the mast extension.