

# INTERNATIONAL OK DINGHY ASSOCIATION

The following amendments to the Class Rules have been approved to be effective 1<sup>st</sup> April 2003. **Updated 8<sup>th</sup> April 2003**

## Rule 12 Mast

**Amendment:** Delete current rule and replace with the following:

### 12.1 materials

The **spar** shall be made of wood, aluminium alloy, plastic or any combination of these. For the purpose of rule 12 plastic is defined as glass fibre, carbon fibre, aramid, polyester resin or epoxy resin. An external sail track may be of any material.

### 12.2 construction

The construction of the **mast** is optional, with the following exceptions:

- (i) The aft side of the sail track or groove shall be constructed straight and the line of the track or groove, extended if necessary, shall be not more than 10mm outside the aft edge of the bearing ring at the deck.
- (ii) **Mast spar curvature** at any point 50mm maximum.
- (iii) Any cross section of a plastic **spar** shall be constructed of only one individually moulded part (excluding the sail track or groove).
- (vi) Any cross sectional shape of a plastic **spar** shall be in principle round, oval or teardrop and shall have no hollows with the exception of the sail track or groove.

### 12.3 fittings

With the exception of wooden **spars**, the **boom** shall be attached to the **spar** by a fixed fork fitting. The width between the arms of the fork shall be 38mm  $\pm$  2mm. The boom pinholes shall be 16mm  $\pm$  2mm in diameter. The centre of the holes shall be situated 37mm  $\pm$  2mm aft of the aft face of the **spar** and 35mm  $\pm$  2mm below the **lower point**.

### 12.4 dimensions

	minimum	maximum
<b>Lower point height</b> above deck	265mm	275mm
<b>Upper point height</b> above <b>lower point</b>		5400mm
<b>Mast datum point</b> below <b>lower point</b>	270mm	
Centre of gravity above <b>mast datum point</b>	1700mm	
TRANSVERSE Cross Section		
From <b>heel point</b> to 1000mm above <b>mast datum point</b> .	62mm	
From 1000mm above <b>mast datum point</b> to <b>upper point</b> the minimum dimension is given by a uniform reduction of 1mm for every 100mm.		

### FORE-AND-AFT Cross Section

From <b>heel point</b> to <b>upper point</b> the maximum dimension is given by the actual transverse width at the same height		plus 22mm
<b>Lower limit mark width</b>	10mm	
<b>Upper limit mark width</b>	10mm and all above <b>upper point</b>	
Diameter at deck level including the optional bearing ring if fitted	94mm	98mm
Diameter at 20mm above <b>heel point</b> including the optional bearing ring if fitted	70mm	76mm
<b>Mast spar curvature</b> at any point		50mm

#### 12.5 weight

The **spar weight** including all fixed fittings in their normal racing position shall be not less than 8kg. Lead **Corrector weights** totalling not more than 0.6kg permanently fixed above deck to the exterior face of the **spar** are permitted.

#### 12.6 mast sail limit marks

The **mast sail limit marks** shall be in a contrasting colour to the **masts** colour and shall be clearly visible while racing.

#### 12.7 use

- (i) Movement of the **mast**, either at deck or at **heel point**, shall not exceed 7mm.
- (ii) There shall be a security device of adequate strength such that the **mast** will not come out of the step when the **boat** is capsized."

### Rule 13 (Boom)

**Amendment:** Delete current rule and replace with the following:

"13.1 The **boom** shall be made of wood, aluminium alloy, GRP or any combination of these materials. The sail track may be of any material"

13.2 An **outer limit mark** of a distinctive colour not less than 10mm wide shall be marked on the **boom** so it is clearly discernible when racing, with its forward edge not more than 2680mm from the aft edge of the **mast spar** projected if necessary to the **boom**. A device shall be fitted to the **boom** to prevent any part of the **sail** extending aft of the forward edge of the **outer limit mark**.

13.3 The top of the **boom** including its sail track, extended if necessary, shall not be below the **lower point**, when the **boom** is at 90° to the mast.

13.4 The depth of the **boom**, including the sail track, forward of the **outer point** shall be 70mm ± 20mm and the width shall not exceed 37mm.

13.5 Spare number.

13.6 The **boom** shall be attached to the **mast** in such a way that the **mast** and the **boom** rotate as one."

### Rule 15.1.2 (Sail)

**Amendment:** Delete the current rule and insert the following:

"Sails shall be made and measured in accordance with the ISAF ERS currently effective, except where varied herein, and with the RRS. Where a term defined or measurement given in the ERS is used in the Rules it is printed in '**bold**' type."

**Rule 15.5.2 (Sail)**

**Amendment:** Delete the current rule and insert the following:

"The **sail** shall be set so that the highest visible point at the **head** is lower than the **upper point** and so that the aft most visible part of the **leech** is forward of the **outer point**."

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