

Reporting Committee – Keelboat  
Other Committee - Measurement

## Class Rule Changes

### ISAF Regulation 26.10

A submission from the International Dragon Association

#### **PROPOSAL (A):**

Add in the 7th line of the Class Rule Book after "Class": "(as listed in the List of Permitted Materials referred to in the Note to 2.502)"

#### **CURRENT POSITION (A):**

Rule 1.11 Purpose of Class Rules

*"The intention of these rules is to ensure that the boats have as identical a performance as possible. This shall be achieved by consideration of - but not exclusively - hull shape, weight, weight distribution and sail plan. The construction of the hull, and the spars, sails and rigging are controlled by these rules. It is impossible to foresee every conceivable innovation, which may be thought of in the future, and to mention every suggestion that has been ruled illegal in the past. When considering anything in connection with the boat or its sails or equipment which involves the use of a material not accepted by the Class or is not clearly covered by the plans or specification, you must assume that it is illegal, and must obtain a ruling from the Class Technical Committee before attempting it. The only exception to this rule is fittings, which are governed by Class Rules 8 and 12"*

#### **REASON**

For clarification

#### **PROPOSAL (B):**

Delete "when the yacht's original measurement certificate was issued"

Substitute "when the yacht was originally measured"

#### **CURRENT POSITION (B):**

Rule 1.61 Measurement

*"Spars, rigging and sails shall comply with the current rules at all times. Hull (including deck, cabin, internal moulding and all other components), keel and rudder shall comply either with the current class rules or those in force when the yacht's original measurement certificate was issued."*

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**REASON:**

To enable a measurement certificate to be issued without re-measurement under current rules where a measurement certificate cannot be produced for a yacht which has not been altered.

**PROPOSAL (C):**

Add "Seats on deck athwartships to the cockpit are permitted but are limited to 70mm from the sheer line and to 30mm above the deck level".

**CURRENT POSITION (C):**

Rule 2.162 Deck/Sheer line

*"The rounding of the outside edge of the deck at sheer line and transom shall not exceed a radius of 9mm"*

**REASON:**

To control seats outside the coaming, which may be used to assist hiking.

**PROPOSAL (D):**

Add at the beginning. "Except as specifically permitted by 2.515"

**CURRENT POSITION (D):**

Rule 2.192 Bulkheads/Pumps

*"Any bulkhead shall only be constructed at or within 300mm of stations 5 or 12 or at the forward and aft ends of any internal moulding. A means of pumping the tanks clear of water shall be fitted. Inspection hatches shall be fitted, the weight of which shall be no greater than that of the part of the bulkhead, which they replace, and shall be closed when racing. The bulkheads may be of wood, plywood or any sandwich construction."*

**REASON:**

To remove an inconsistency with the latter rule

**PROPOSAL (E):**

Also Add: At the end of the second sentence " or a non return valve"

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**CURRENT POSITION (E)**

[not stated]

**REASON:**

To permit a non-return valve to be fitted instead of a pump to save expense and weight

**PROPOSAL (F):**

Add, "Underwater coating may contain glass fibre but not more than 150g/m<sup>2</sup>"

**CURRENT POSITION (F):**

Rule 2.22 Sheathing of Carvel Yachts.

*"Carvel planked yachts more than 20 years old may be sheathed externally with GRP cloth. This layer shall not exceed 2mm thick"*

**REASON:**

To improve the underwater proofing of wooden boats and to confirm a Class Rule interpretation.

**PROPOSAL (G):**

Add, "Underwater coating may contain glass fibre but not more than 150g/m<sup>2</sup>"

**CURRENT POSITION (G):**

Rule 2.32 Sheathing of Cold Moulded Yachts

*"The hull-skin shall not be less than 16mm thick and shall consist of not less than 3 layers of wood of weight not less than 535kg/m<sup>3</sup>. The weight of the hull skin including glue shall not to be less than 12kg/m<sup>2</sup> "*

**REASON:**

To improve the underwater proofing of wooden boats and to confirm a Class Rule interpretation.

**PROPOSAL (H):**

Add In paragraphs (a) and (b) "partial" before "bulkhead"

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**CURRENT POSITION (H):**

Rule 2.515.2 Reinforcement of GRP Yachts

*"(a) Forward of station 6 a longitudinal bulkhead and one internal athwartships partial bulkhead, each not more than 70mm thick.*

*(b) Aft of the cockpit a longitudinal bulkhead not more than 70mm thick.*

*For all new boats, the weight of the forward and aft bulkheads may be included in the weight of the keel reinforcement under rule 2.504.*

*(c) Partial bulkheads at the aft end of the cabin and in way of the mainsheet arrangement.*

*The fitting of these bulkheads and any resultant removal of corrector weights shall not require the yacht to be re-swung in accordance with rule 10.20"*

**REASON:**

For consistency and clarification

**PROPOSAL (I):**

Amendment After "except that" change to " national letters and numbers shall be placed on the mainsail, but no letters or numbers have to be placed on the genoa"

**CURRENT POSITION (I):**

Rule 9.14 Class Insignia

*"The Class Insignia is Letter D. Letters and numbers shall be placed on the sails in accordance with RRS 77, except that no letters and numbers have to be placed on the Genoa"*

**REASON:**

To ensure that National letters are placed on mainsails

**PROPOSAL (J):**

Add at end "except where such re-measurement takes place as a result of reinforcement being added under 2.515.2"reason:

**CURRENT POSITION (J):**

Rule 10.20 Swing Test

*"Yachts first measured after 1<sup>st</sup> March 1989 or re-measured after this date according to rules 1.12 or 1.64 shall be subject to the swing test in accordance with rule 10.21"*

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**REASON:**

To resolve an inconsistency with the latter rule

**PROPOSAL (K):**

Add, " An electric pump may be fitted in addition".

**CURRENT POSITION (K):**

Rule 11.10.3 Bilge Pumps

*"The following equipment shall be on board while racing...*

*3. One bilge pump"*

**REASON:**

To clarify that electric pumps are permitted

**PROPOSAL (L):**

Delete the existing rule and substitute:

*"When hiking, the knees and lower legs shall not be outside the cockpit coaming. Fixed handholds are only permitted on the inside face of the cockpit coaming. The use of any hiking aids which can be attached to the body or hiking straps inside the cockpit are prohibited."*

**CURRENT POSITION (L):**

Rule 13,20 Hiking.

*" The use of any apparatus or contrivance (other than fixed hand holds on the inside face of the cockpit coaming) the purpose of which is to support or assist in supporting a member of the crew outboard or partially outboard is prohibited. When hiking no part of the crew's body between the middle of the thigh and feet shall be outboard of the sheer line".*

**REASON:**

To introduce a more effective rule preventing extensive hiking.

**PROPOSAL (M):**

Add: In the third line add "in" after "weighed"

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**CURRENT POSITION (M):**

Rule 13.30 Crew Weight

*" Except when excluded by the Sailing Instructions, the total weight of the crew shall not exceed 285 kg. The weight shall be taken with the crew wearing lightweight clothing. If a crew has been officially weighed immediately previous to the regatta, re-weighing during the regatta shall not take place unless there is a change of crew"*

**REASON:**

For clarification

**PROPOSAL (N):**

Add: After "rule" add in "2.515.2 and rule"

**CURRENT POSITION (N):**

Rule 2.21 Stiffening Of Carvel Hulls in Wooden Boats

*" Carvel planked yachts may be reinforced in the same manner as permitted for GRP yachts under rule 2.515.6(a)"*

**REASON:**

To permit carvel planked boats to be stiffened in the same way as GRP