

# INTERNATIONAL 420 CLASS WORLD CHAMPIONSHIP

## STANDARD EVENT MEASUREMENT INSTRUCTIONS

### 1. RULES

- 1.1 The event measurement will be governed by:
- The 2005 / 2008 Racing Rules of Sailing
  - The 2005 / 2008 Equipment Rules of Sailing
  - The International 420 Class Rules effective 5th July 2005.
  - These Measurement Instructions.

### 2. GENERAL REQUIREMENTS

- 2.1. The Event Chief Measurer (hereafter referred to as the CM), appointed by the Int. 420 Class Association and the Organizing Authority, shall have the responsibility for the event measurement.
- 2.2. Event measurement will be undertaken for each boat at a time and place advised at championship pre-registration. When event measurement has been completed to the satisfaction of the CM, a boat will be eligible to compete and complete event registration.

### 3. MEASUREMENT REGISTRATION

- 3.1. A valid measurement certificate for each boat presented for event measurement will be required to be lodged with the CM at the time of event measurement registration and may be retained by the CM for the duration of the event.

### 4. MEASUREMENT

- 4.1. Before event measurement registration, each boat, its sails and equipment intended to be and permitted to be used during the event, shall be certified as in conformity with the Class rules, when required in the class rules.
- 4.2. All boats, sails and equipment shall be submitted for event measurement in dry condition. Any item which is not in such condition to the satisfaction of the CM may be rejected for measurement.
- 4.3 Only the crew of the boat submitted for event measurement and their coach, and any person allowed by the CM, shall be present during event measurement.

4.4 Unless authorized by the CM, repairs or alterations to boats, sails or equipment shall not be made in the measurement areas.

4.5 All hulls, sails and equipment shall carry all measurement bands, marks and serial numbers as prescribed in the Class rules. All sails supplied by competitors must have been measured and certified in accordance with the Class rules before being presented for event measurement.

4.6 Some items of a boat's equipment, which are subject to measurement and/or limitation control, will be marked with one or more official event measurement control marks or stickers. After the items have been marked the person representing the boat will be required to sign the event measurement form declaring the items that have been marked. Marked items will not be changed during the event without the prior approval of the race committee. If, through wear and tear, a mark starts to become obliterated the fact shall be reported to the CM in order that the mark or sticker may be replaced. It is the competitor's responsibility to report this to the CM.

## **5. EQUIPMENT LIMITATIONS**

5.1. The following equipment limitations shall prevail. Not more than:

- 1 hull
- 1 centerboard
- 1 rudder blade
- 1 mast (the rigging and trapeze wire secured along the mast)
- 1 boom
- 1 spinnaker boom
- 1 mainsail (battens removed)
- 1 headsail
- 1 spinnaker
- 2 personal buoyancy vests

shall be presented for event measurement and used during races.

5.2. The HULL shall be presented, ready for event check weighing, with the stemhead fitting, shroud plates, headsail and spinnaker fairleads, fixed cleats and blocks, toe-straps, rudder pintles and gudgeons, mainsheet track/bar, inspection hull covers (in the boat but removed), spinnaker bags, corrector weights IN THE BOAT.

5.3. The centerboard, the control lines and loose fittings, the rudder and the towing rope (painter) shall be excluded for the event check weighing.

## **6. MEASURED BOATS AND EQUIPMENT**

After a boat has completed event measurement:

- 6.1 No alterations shall be made to the boat except for the adjustment of fitting and equipment where such an alteration is an integral part of the design and is permitted by the Class rules.
- 6.2 No replacement or repair, which might effect compliance with Class rules, shall be made without the prior permission of the CM.
- 6.3 Applications to replace measurement control marked items due to damage or loss shall be submitted in writing **to the race committee.**

## **7. MEASUREMENT INSPECTION DURING THE EVENT**

- 7.1 Any boat, its sails or equipment and crew's clothing and equipment may be inspected or measured at any time during the event.
- 7.2 At the end of any race, a competitor may be informed by a member of the Measurement Committee, that they have been elected for measurement inspection (afloat or ashore). The measurement boat will display a flag with the black letter M on it.
- 7.3 Non compliance with the measurer's instructions, or changing the sails or any other item marked for the event with one or more official measurement control marks or stickers without the agreement of the race committee will be considered as an infringement of these instructions.

## **8. WEIGHING OF WET CLOTHING**

- 8.1. Whilst afloat, immediately after the race the CM may require a competitor to present himself for weighing of wet clothing in accordance with RRS App. H and/or Class rules.  
In such a case the competitor shall act under the direction of the CM.

## **9. PROTESTS REGARDING MEASUREMENT.**

- 9.1 The International Jury reserves the right to dismiss any protest coming from a team based on measurement, submitted after the end of the protest time limit of the first race.
- 9.2 For the purpose of RRS 64.3(b) the qualified Authority is the CM