

GWA

Race Class Rules



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INTRODUCTION

This introduction only provides an informal background and the International GWA Race Class Rules proper begin on the next page.

GWA Race Class hulls, hull appendages and sails, hereby referred to as boards, foils and wings respectively are manufacturing controlled.

The use of these equipment items, referred to as Class Equipment, is limited to models registered by the Class through World Sailing.

Class Equipment shall only be manufactured by approved manufacturers – in the class rules referred to as Licensed Manufacturers unless otherwise permitted by these rules.

Licensed Manufacturers must register their Class Equipment with the GWA Race Class and World Sailing.

Equipment is required to comply with the Building Specification provided at the time of registration and is subject to a World Sailing approved manufacturing control system.

Class Equipment may, after having left the manufacturer, only be altered to the extent permitted in Section C of the class rules.

Owners and crews should be aware that compliance with rules in Section C is NOT checked as part of the certification process.

Rules regulating the use of equipment during a race are contained in Section C of these class rules, in ERS Part I and in the Racing Rules of Sailing.

PLEASE REMEMBER:

THESE CLASS RULES ARE CLOSED CLASS RULES WHERE IF IT DOES NOT SPECIFICALLY SAY THAT YOU MAY, THEN YOU SHALL NOT.

PART I – ADMINISTRATION

Section A – General

A.1 LANGUAGE

- A.1.1 The official language of the class is English and in case of dispute over translation the English text shall prevail.
- A.1.2 The word “shall” is mandatory and the word “may” is permissive.
- A.1.3 Except where used in headlines, when a word is printed in “**bold**” type, the definition in the ERS applies, and when a term is “*italic*” type, the definition in the RRS applies.

A.2 ABBREVIATIONS

- A.2.1 WS World Sailing
- MNA Member National Authority
- NCA National Class Association
- GWARC GWA Race Class
- ERS Equipment Rules of Sailing
- RRS Racing Rules of Sailing
- Crew Rider/Athlete/Competitor

A.3 AUTHORITIES AND RESPONSIBILITIES

- A.3.1 The International Authority of the Class shall be WS, which shall cooperate with GWARC in all matters concerning these class rules.
- A.3.2 WS or GWARC can accept no liability or legal responsibility in respect of these class rules or any claim arising there from.

A.4 WORLD SAILING RULES

- A.4.1 These **class rules** shall be read in conjunction with ERS.

A.5 CLASS RULES AMENDMENTS

- A.5.1 Amendments to these **class rules** shall be made in accordance with World Sailing Regulations.

A.6 INTERPRETATION OF CLASS RULES

- A.6.1 Interpretations to these **class rules** shall be made in accordance with World Sailing Regulations.

A.7 WS PLAQUE AND REGISTRATION FEES

- A.7.1 GWARC shall pay the Plaque fee to WS.
- A.7.2 GWARC shall pay the Registration fee to WS.

A.8 LICENSED MANUFACTURERS

- A.9.1 GWARC Class Equipment shall be manufactured by GWARC licensed manufacturers.

SECTION B – EQUIPMENT ELIGIBILITY

For Class Equipment to be eligible to be used for *racing*, the rules in this section shall be complied with.

B.1 CLASS RULES AND CERTIFICATION

B.1.1 Class Equipment, meaning; boards (**hulls**), wings (**sails**) and **hydrofoils**, shall:

- a) have been manufactured by a license manufacturer approved by GWA (except as otherwise stated in these **class rules**).
- b) be an item of equipment of a model registered with WS and comply with the building specifications of the registered model.
- c) carry a unique Serial Number applied by the licensed manufacturer where required by the **class rules**.
- d) be in compliance with the **class rules** and have not been modified in any way other than permitted by the **class rules**.

B.2 EVENT INSPECTION

B.2.1 For the purpose of RRS 78, **crews** are considered to be the owners.

B.2.2 The role of Equipment Inspectors at an event is to verify that equipment has been produced by a Licensed Manufacturer, and is an item of a model registered with WS, complies with the **class rules**, and has not been subsequently altered (other than as is permitted within these rules) using whatever inspection methods they deem appropriate, including comparison with a reference sample of the type of equipment presented for inspection. Should this comparison reveal deviation greater than the **Equipment Inspector** considers being within manufacturing tolerances, the matter shall be reported to the Race Committee or Event Technical Committee.

B.3 EVENT LIMITATION MARK

B.3.1 If an event uses **event limitation marks**, these marks shall not be removed during the event. If the **event limitation mark** becomes damaged or lost, this shall be reported to the Event Technical Committee as soon as practical.

The **crew** and his/her equipment shall comply with the rules in this Part when *racing*. Inspection to check conformity with the rules of Section C is not part of **fundamental measurement**.

The rules in Part II are **closed class rules**. **Equipment Inspection** shall be carried out in accordance with the ERS except where varied in this Part.

Section C Conditions for Racing

C.1 GENERAL

C.1.1 RULES

- a) The following ERS shall not apply: C.3.3 Certificate
- b) In alteration to RRS 1.2 the following provision is made: Competitors are not obliged to carry personal life saving equipment (flotation devices) on board unless RRS40 applies, in which case the **personal flotation devices** shall be worn. If used, the **personal flotation device** shall conform to the minimum standards of ISO 12402-5. Alternative or additional standards may be prescribed in the Notice of Race

C.2 CREW

C.2.1 LIMITATIONS

- a) The **crew** shall consist of one person.

C.2.2 MEMBERSHIP

- a) No **crew** is permitted to race at a National or International Regatta unless he/she is a member of a full member NCA, affiliated with GWA Class. If there is no NCA, or the **crew's** NCA is not a full member of the GWA Class, then the **crew** must be an individual member of the GWA Class.

C.2.3 AGE DIVISIONS

Reserved for future use.

C.3 PERSONAL EQUIPMENT

C.3.1 **Personal equipment** is not required to be produced by a licensed manufacturer

C.3.1 MANDATORY

- a) For use:
 - i. detachable leashes connecting the **crew** to the wing (**sail**) shall be worn and used while afloat except while changing **personal equipment**.
 - ii. The **crew** shall wear a helmet that shall be to the minimum standard EN1385, EN1077, EN 966, ASTM 2040, Snell S98 or equivalent, with an area of a contrasting color of at least 300 square centimeters of the exterior surface that can be seen from above the water with crew lying face down or face up. The Notice of Race or Sailing Instructions may change this rule to prescribe alternative or additional standards.

C.3.2 OPTIONAL

- a) A harness with a maximum weight of 4kg.
- b) A **personal flotation device**
- c) Additional body protection gear
- d) A drinking container in compliance with RRS Appendix F4 50.1(a)
- e) An electronic or mechanical timing device.
- f) Cameras or recording devices. The Notice of Race or Sailing instruction may change this rule.

- g) A heart rate monitoring device

C.3.3 TOTAL WEIGHT

The total weight of clothing and worn equipment including the harness but excluding the drinking container, shall not exceed 9kg when weighed in accordance with RRS Appendix H.

C.4 PORTABLE EQUIPMENT

C.4.1 **Portable equipment** does not have to be produced by a licensed manufacturer.

C.4.2 OPTIONAL

- a) Cameras or recording devices and their attachments. Attachments must be removable. The Notice of Race or Sailing Instructions may change this rule.
- b) Other recording equipment, tracking devices and associated attachments, when permitted by the Notice of Race or Sailing Instructions. The Notice of Race or Sailing Instructions may make its use mandatory when supplied. These items shall be removable.

C.5 ADVERTISING

C.5.1 LIMITATIONS

- a) Advertising shall only be displayed in accordance with WS Advertising Code. (See WS regulation 20).
- b) The provisions applicable for Kite boarding – foiling in WS Advertising Code of table 1 and 2 shall apply.

C.6 HULL

C.6.1 LIMITATIONS

- a) The board (**hull**) must be from a model registered with WS.
- b) No more than three boards (**hull**) may be used at an event except when lost or accidentally damaged beyond **repair**. In such case, a replacement may be used if approved by the Event Technical Committee.
- c) When this rule is invoked by the Notice of Race or Sailing instruction, the board (**hull**) must be registered with the GWARC as one of the three boards (**hulls**) that the crew has registered for the year.

C.6.2 MODIFICATIONS

- a) Foot straps may be removed, replaced, or added during an event to any of the existing inserts. These shall be fitted with at least one screw and washer straps at the point of attachment.
- b) Additional attachment holes may be made to the foot straps..
- c) Foot straps may be taped

C.6.3 MAINTENANCE

- a) **Sanding** is permitted, however manufacturer graphics must remain legible except in the case of **repairs**.

C.6.4 REPAIR

- a) **Repairs** may be carried out provided such **repairs** are made in such a way that the essential shape, characteristics, or function of the original are not affected. The serial number shall remain legible.

C.6.5 HULL WEIGHT

- a) The weight of the board (**hull**) excluding foot straps, shall not be less than the weight included in the building specifications of the model registered with WS.

C.6.6 CORRECTOR WEIGHTS

- a) If following damage to the board (**hull**) the weight is lighter than the required by C.7.2.a, **corrector weights** of lead shall be fastened to a location to be determined by the Event Technical Committee.
- b) The total weight of **corrector weight** shall not exceed 500g.
- c) **Corrector weights** installed by licensed manufacturers shall not be removed.

C.7 HULL APPENDAGES

C.7.1 LIMITATIONS

- a) The **hydrofoil** components (foil mast, front and rear wing, and fuselage) must be from models registered with WS.
- b) The following number of items may be used at an event time except when lost or accidentally damaged beyond **repair**. In such case, a replacement may be used if approved by the Event Technical Committee.
 - a. two foil masts,
 - b. three front wings,
 - c. three rear wings,
 - d. three fuselages,
- c) When this rule is invoked by the Notice of Race or Sailing instruction, the **hydrofoil** components must be registered with the GWA RC as one of the combination of **hydrofoils** that the crew has registered for the year.

C.7.2 MODIFICATIONS

- a) The **hydrofoil** mast top along the depth that fits into the board (**hull**) box may be sanded.

C.7.3 MAINTENANCE

- a) **Sanding** is permitted, however manufacturer graphics must remain legible except in the case of **repairs**.

C.7.4 REPAIRS

- b) **Repairs** may be carried out provided such **repairs** are made in such a way that the essential shape, characteristics, or function of the original are not affected. The serial number shall remain legible.

C.8 SAILS

C.8.1 LIMITATIONS

- a) The wing (**sail**) must be from a model registered with WS
- b) No more than 5 wings (**sails**) may be used at an event except when lost or accidentally damaged beyond **repair**. In such case, a replacement may be used if approved by the Event Technical Committee.
- c) When this rule is invoked by the Notice of Race or Sailing instruction, the wings (**sails**) must be registered with the GWA RC as one of the five wings (**sails**) that the crew has registered for the year.

C.8.2 REPAIRS

- a) **Repairs** may be carried out provided such **repairs** are made in such a way that the essential shape, characteristics, or function of the original are not affected. The serial number shall remain legible.

Section D – Hull

D.1 GENERAL

- D.1.1 The board (**hull**) and fittings shall be manufactured by a licensed manufacturer.

D.1.2 The hull weight shall not be less than 3kg.

D.2 IDENTIFICATION

D.1.2 The board (**hull**) shall carry a manufacturers serial number on the aft underside.

D.3 MATERIALS, CONSTRUCTION AND DIMENSIONS

D.3.1 The materials, dimensions and weights including production tolerances shall be included in the building specifications when requesting registration of a model.

D.3.2 The board (**hull**) shall include grip and an air-vent if required.

D.4 FITTINGS

D.4.1 The board (**hull**) design and construction shall include fittings for foot straps and a leash plug.

Section E - Hull Appendages

E.1 GENERAL

E.1.1 the **hydrofoil** components shall be manufactured by a licensed manufacturer.

E.1.2 The weight of the **hydrofoil** including foil mast, mast socket, fuselage front & rear foils, trim tabs and fixing bolts shall not be less than 2.6kg

E.1.3 Foil masts shall be no longer than 115cm

E.1.4 Front wings shall be no smaller than 700cm² and maximum of 2500cm²

E.1.5 Rear wings shall be no smaller than 150cm²

E.1.6 Fuselages shall be no longer than 100cm

E.2 PARTS

E.2.1 the hydrofoil shall consist of the following components which may be modular or fixed to any of the other: Foil Mast socket, Foil Mast, Foil Fuselage, Foil Rear wing, Foil Front wing, Foil Trim tabs and Foil fixing bolts.

E.3 IDENTIFICATION

E.3.1 The **hydrofoil** and any of the following components if they are modular, shall have a serial number: Foil Mast, Foil Fuselage, Foil Rear wing, Foil Front wing.

E.4 MATERIALS, CONSTRUCTION AND DIMENSIONS

E.4.1 The materials, dimensions and weights including production tolerances shall be included in the building specifications when requesting registration of a model.

Section F – Wings

F.1 GENERAL

F.1.1 The wings (**sails**) shall be manufactured by a licensed manufacturer.

F.1.2 wings (**sails**) shall be symmetrical in shape and not attached to the hull in any way. They must have an inflatable leading edge and may have a bar or handles in ways of a control system that is attached to the wing in a fixed position at all times.

F.2 IDENTIFICATION

F.2.1 The **wing** shall carry a manufacturers serial number.

F.2.2 MATERIALS, CONSTRUCTION AND DIMENSIONS

F.3.1 The materials, dimensions and weights including production tolerances shall be included in the building specifications when requesting registration of a model.

F.3.2 The wing (**sail**) shall include the following components unless noted as optional:

- a) Leading Edge Bladder
- b) Strut Bladders

- c) Inflation system intake (single or multiple)
- d) **Windows** - optional
- e) Harness line – optional
- f) Harness line attachments - optional

F.3.3 The maximum wing size is 8 sqm projected.

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