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International WingFoil Open Racing Class



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INTRODUCTION

The International WingFoil Open Racing Class rules are meant to regulate the equipment used in WingFoil Open Racing Class events.

The aim of the rules is to enable sailing crafts that are regarded as Wingfoils to participate regardless of if they are factory or custom made with certain restraints.

Although written in closed class rules format, these class rules have only very few limitations to encourage development of equipment in this new discipline of sailing.

Owners and Crews shall be aware that compliance with rules in Section C is the responsibility of the competitor. 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.

This introduction only provides an informal background and the International WingFoil Open Racing Class Rules proper begin on the next page.

PLEASE REMEMBER:

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

COMPONENTS, AND THEIR USE, ARE DEFINED BY THEIR DESCRIPTION.

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 headings, when a term is printed in “**bold**” the definition in the ERS applies, and when a term is printed in “*italics*” the definition in the RRS applies.

A.2 ABBREVIATIONS

- A.2.1 WS World Sailing
- MNA WS Member National Authority
- WSCA World Sailing Class Association
- WFO International WingFoil Open Racing Class
- NCA National Class Association
- RRS Racing Rules of Sailing
- ERS Equipment Rules of Sailing

A.3 AUTHORITIES AND RESPONSIBILITIES

- A.3.1 The international authority of the class is World Sailing which shall cooperate with the WFO in all matters concerning these **class rules**.
- A.3.2 The WS or WFO, or its delegated representatives can accept no liability or legal responsibility in respect of these rules.

A.4 ADMINISTRATION OF THE CLASS

- A.4.1 The class is administered by the International Wing Sports Association (IWSA), an administrative body established in Switzerland.

A.5 WORLD SAILING RULES

- A.5.1 These **class rules** shall be read in conjunction with the ERS.

A.6 CLASS RULES VARIATIONS

- A.6.1 At class events – see RRS 89.1.d) – WS Regulation 10.5(f) applies.
At all other events RRS 87 applies.

A.7 CLASS RULES AMENDMENTS

- A.7.1 Amendments to these **class rules** are subject to the approval of the WS in accordance with the WS Regulations.

A.8 CLASS RULES INTERPRETATIONS

- A.8.1 Interpretation of **class rules** shall be made in accordance with the WS Regulations.

Section B – BOAT ELIGIBILITY

For an International WingFoil Open (WFO) wingfoil-board to be eligible for *racing* it shall comply with the rules in this section

B.1 CLASS RULES AND CERTIFICATION

B.1.1 The wingfoil-board shall be in compliance with the **class rules**.

B.2 CLASS ASSOCIATION MARKINGS

B.2.1 **Hulls** used in Continental and World Championships and World Cup Series Events, shall display a Class Association registration sticker with a unique registration number applied on the transom.

B.2.2 **Hydrofoil foil masts** used in Continental and World Championships and World Cup Series Events, shall display a Class Association registration sticker with a unique registration number applied on the starboard side, approx. 5cm from the top.

B.2.3 **Wings** used in Continental and World Championships and World Cup Series Events, shall display a Class Association registration sticker with a unique registration number applied on the inside of the canopy, close to the centre of the trailing edge.

PART II – REQUIREMENTS AND LIMITATIONS

The **crew**, equipment and the wingfoil-board shall comply with the Rules in Part II when *racing* or at times specified in the *rule*. In case of conflict Section C shall prevail.

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

Section C – Conditions for Racing

C.1 RULES

C.1.1 GENERAL

C.1.1.1 The ERS shall apply.

C.1.1.2 In accordance with RRS 1.2 the following provision is made: The crew does not have to wear or carry on board a Personal Flotation Device unless RRS 40 applies or the Notice of Race or Sailing Instructions specifies it. The Personal Flotation Device shall conform to the minimum standard of ISO 12402-5 and if prescribed, the crew shall wear it. Alternative or additional standards may be prescribed in the Notice of Race.

C.1.1.3 In accordance with RRS 50.1(b), the total weight of a competitors clothing and equipment shall not exceed 6.00 kg.

C.1.2 LIMITATIONS PER COMPETITOR

C.1.2.1 The Notice of Race may limit the number of equipment items that a competitor may register for an event.

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 his/her NCA. If there is no NCA, then the **crew** shall be a member of the IWSA.

C.2.3 AGE DIVISIONS

(a) OPEN – Men and Women of any age

(b) YOUTH (U19) - Boys and Girls under the age of 19 years on 31 December of the year of the event.

(c) MASTERS (35+) – Men and Women above the age of 34 years on 1 January of the year of the event.

(d) GRAND MASTERS (50+) – Men and Women above the age of 49 years on 1 January of the year of the event.

C.3 PERSONAL EQUIPMENT

C.3.1 MANDATORY

Manufacturers are optional

- (a) A detachable wing-leash shall be used and worn as intended at all times when afloat, except briefly while changing or adjusting clothing or personal equipment.
- (b) If prescribed by the Notice of Race, a detachable brightly colored board-leash shall be used and worn as intended at all times when afloat, except briefly while changing or adjusting clothing or personal equipment.
- (c) If prescribed by the Notice of Race, a helmet to the minimum standard EN1385 or EN1077 or equivalent, with a brightly coloured region of at least 300 square centimetres of the exterior surface shall be worn at all times when afloat, except briefly while changing or adjusting clothing or personal equipment. If prescribed by the Notice of Race, the helmet shall carry nationality flags as instructed by the Notice of Race.
- (d) If prescribed by the Notice of Race, body protection (Impact vest) which may also act as a personal flotation device shall be worn at all times when afloat, except briefly while changing or adjusting clothing or personal equipment.

C.3.2 OPTIONAL

- (a) Any container for holding beverages in accordance with RRS Appendix WF4 50.1(a)
- (b) Any electronic or mechanical timing device
- (c) Any heart rate monitoring device
- (d) Any electronic or mechanical compass
- (e) Any camera recording equipment and attachments. The Notice of Race or Sailing Instructions may change this rule.
- (f) A whistle, compliant with ISO 12402-8 or equivalent, securely attached to the competitor.
- (g) **A harness which shall have positive buoyancy in fresh water.**

C.4 PORTABLE EQUIPMENT

C.4.1 MANDATORY

Not in use

C.4.2 OPTIONAL

Manufacturers are optional

- (a) Any brightly coloured board-leash.
- (b) Any camera recording equipment and attachments, removable for weighting. The Notice of Race or Sailing Instructions may change this rule.
- (c) Other recording equipment, tracking devices and associated attachments, removable for weighting. The Notice of Race or Sailing Instructions may change this rule and may make their use mandatory when provided.

C.5 IDENTIFICATION

Competitors shall comply with RRS WF9

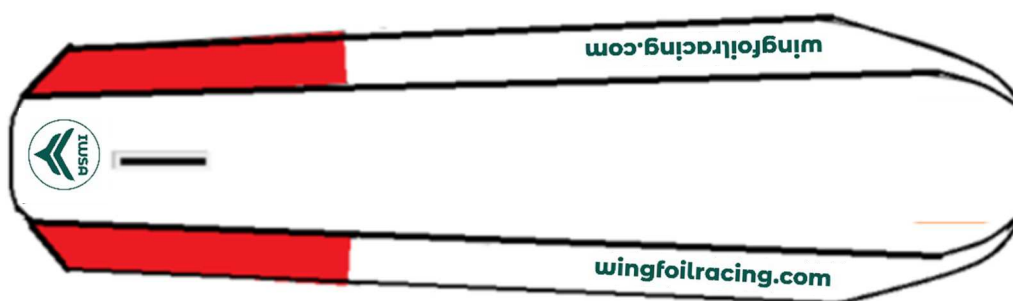
C.6 ADVERTISING, CLASS INSIGNIA

C.6.1 LIMITATIONS

Advertising shall only be displayed in accordance with the World Sailing Advertising Code.

C.6.2 PLACEMENT OF ADVERTISING AND CLASS INSIGNIA

The areas on each sides of the rear 30% of the bottom of the **hull**, are reserved for event advertising within an area of 50x10cm. The class insignia shall be placed on the bottom of the hull, centered behind the mast box / mast track, within an area of 10x10cm, and shall not be trimmed, cut, or covered by other materials.



Aft Red: Event Advertising

C.7 HULL

C.7.1 MODIFICATIONS, MAINTENANCE AND REPAIR

Modification, maintenance and repair is allowed.

C.7.2 NATIONALITY IDENTIFICATION

- If prescribed by the Notice of Race, the national flag of the crew shall be displayed on the bottom of the **hull**, centered at the widest part of the hull in the forward third part. Displaying the national flag is optional at all other events.
- Flags shall be 350mm in diameter, designed as specified by the WFO, and shall not be trimmed, cut, or covered by other materials.

C.8 HULL APPENDAGES

C.8.1 MODIFICATIONS, MAINTENANCE AND REPAIR

Modification, maintenance and repair is allowed.

C.9 RIGGING

C.9.1 MODIFICATIONS, MAINTENANCE AND REPAIR

Modification, maintenance and repair is allowed.

C.9.2 OPTIONAL

Any harness lines may be used.

C.10 WING

C.10.1 MODIFICATIONS, MAINTENANCE AND REPAIR

Modification, maintenance and **repair** is allowed.

C.10.2 NATIONALITY IDENTIFICATION

If prescribed by the Notice of Race, the national flag of the crew shall be displayed through two nationality flags and nationality identification as instructed.

Section D – Hull

D.1 PARTS

D.1.1 MANDATORY

- (a) Hull shell

D.2 GENERAL

D.2.1 BUILDERS

- (a) Builders are optional

D.3 HULL SHELL

D.3.1 MATERIALS

- (a) Materials are optional

D.3.2 CONSTRUCTION

- (a) The hull shell shall be constructed as a single shell.

D.4 ASSEMBLED HULL

D.4.1 FITTINGS

- (a) Builders are optional

D.4.2 DIMENSIONS

	Min	Max
Hull Length	-	1950mm
Hull Beam	-	800mm

Section E – Hull Appendages

E.1 PARTS

E.1.1 MANDATORY

- (a) **Hydrofoil**

E.2 GENERAL

E.2.1 BUILDERS

- (a) Builders are optional

E.3 HYDROFOIL

F.3.1 MATERIALS

- (a) Materials are optional

F.3.2 CONSTRUCTION

- (a) Construction is optional

F.3.3 FITTINGS

- (a) Builders are optional

Section F – Rigging

F.1 PARTS

F.1.1 OPTIONAL

- (a) Running **rigging**

F.2 GENERAL

F.2.1 BUILDERS

- (a) Builders are optional

F.3 RUNNING RIGGING

F.3.1 MATERIALS

- (a) Materials are optional

F.3.2 CONSTRUCTION

- (a) Construction is optional

F.3.3 FITTINGS

- (a) Builders are optional

Section G – Wing

G.1 PARTS

G.1.1 MANDATORY

- (a) Wing (see H.1)

G.2 GENERAL

G.2.1 BUILDERS

- (a) Builders are optional

G.3 WING

G.3.1 MATERIALS

- (a) Materials are optional

G.3.2 CONSTRUCTION

- a) The wing shall have a Leading Edge and a Trailing Edge
- b) The wing shall be symmetrical within production tolerances, perpendicular to the centerline (drawn through the middle of the Leading Edge and the Trailing Edge).
- c) The wing shall not be **connected** to a **spar** or the **hull**.
- d) The wing shall be constructed so that it is directly controlled with the hands of the competitor on the handle(s)
- e) Any type and number of handle(s) may be used
- f) The wing shall have positive buoyancy.
- g) The wing shall have a minimum of one **window** on each side of the centre strut (or the equivalent centre line of the wing) of a size big

enough to identify other wings to leeward. A one-piece **window** may extend over the centre line of the wing to both sides of the wing.

h) The minimum total size of the **window** shall be 400 cm² per side

G.3.3 DIMENSIONS

- a) The perpendicular distance from the outside of the handle to the outside shell of the wing at the centerline shall not exceed 80cm.
- b) The perpendicular distance from the lowermost point of the harness lines to the outside shell of the wing at the centerline shall not exceed 160cm

PART III – APPENDICES

The rules in Part III are **closed class rules** as defined in the ERS. Measurement shall be carried out in accordance with the ERS except where varied in this part.

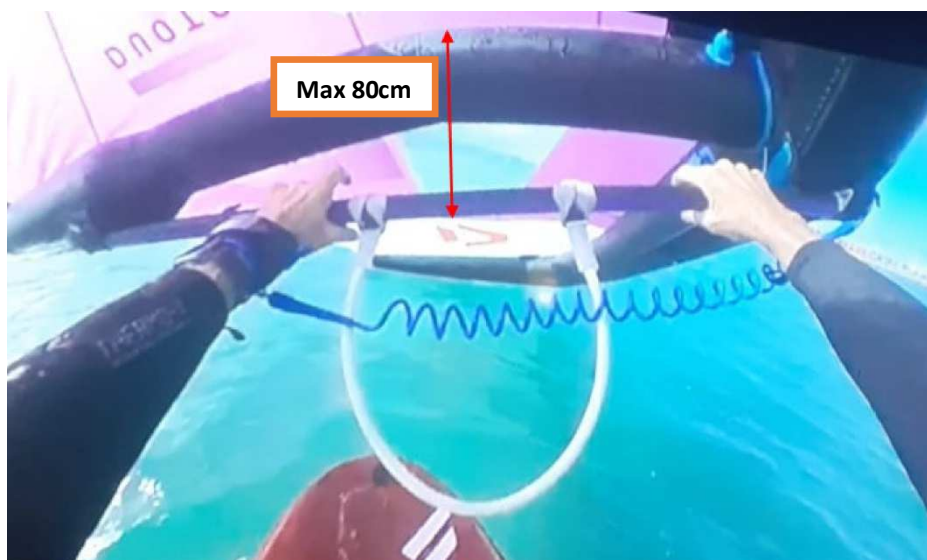
Section H – Definitions and Measurement

H.1 WING

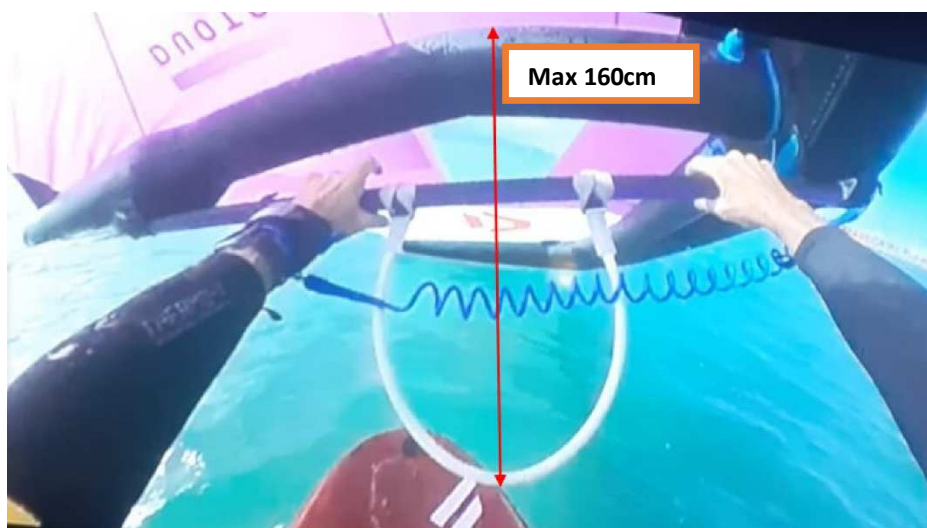
H.1.1 DEFINITIONS



H.2.1 HANDLE DISTANCE TO WING



H.2.2 HARNESS LINE DISTANCE TO WING



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