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# Class Rules

## International Kiteboarding Association - A'S YOUTH FOIL CLASS



The IKA Arrows Youth Foil Class was adopted as a World Sailing international class in 2020

sport / nature / technology



World Sailing  
Class Association

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## IKA A'S YOUTH FOIL CLASS RULES

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# INTRODUCTION

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**The IKA A's Youth Foil Class rules are meant to regulate the equipment used in youth and junior kiteboarding course racing ("A's Youth Foil") events.**

*The IKA A's Youth Foil Class is devoted to fostering the development of kiteboard racing for competitors under the age of 17 years old around the world through the promotion of an inexpensive racing format.*

*IKA A's Youth Foil hulls, hull appendages, rigs and kites shall only be manufactured by licensed manufacturers. Such equipment is required to comply with the IKA A's Youth Foil One Design Building Specification and is subject to an IKA approved manufacturing control system.*

*After IKA A's Youth Foil hulls, hull appendages, rigs and kites have left the manufacturer, they may only be altered to the extent permitted in Section C of these class rules.*

*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 IKA Arrows Youth Foil Class Rules proper begin on the next page.*

**PLEASE REMEMBER:**

**CLASS RULES IN THIS CHAPTER 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

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## 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
- AYF IKA A’s Youth Foil Class
- IKA International Kiteboarding Association
- 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 the World Sailing which shall co-operate with the IKA in all matters concerning these **class rules**.
- A.3.2 Neither WS nor IKA nor AYF accept any legal responsibility in respect of these class rules or any claim arising therefrom.

### A.4 ADMINISTRATION OF THE CLASS

- A.4.1 The class is administered by the International Kiteboarding Association.

### 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) – World Sailing 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 World Sailing in accordance with the World Sailing Regulations

### A.8 CLASS RULES INTERPRETATIONS

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

## Section B – EQUIPMENT ELIGIBILITY

For an IKA A'S YOUTH FOIL (AYF) kiteboard to be eligible for *racing* it shall comply with the rules in this section

### B.1 LICENSED MANUFACTURERS

#### B 1.1 Terminology

Hydrofoil System: Hull appendage primarily used to produce vertical lift and/or affect leeway, as described in C.8, may include a Mast, Front Wing, Fuselage and Stabilizer (Rearwing)

#### B 1.2 Hulls and Hydrofoil Systems

Hulls and Hydrofoil Systems shall be manufactured by SAB HELI DIVISION S.R.L / MOSES

#### B 1.3 Kites, Bars, Lines

Kites, Bars and Lines shall be manufactured by OZONE KITESURF LTD

### B.2 EVENT INSPECTION

(a) For the purpose of RRS 78, **crew** is considered to be the owner.

(b) The role of **Equipment Inspectors** at an event is to ensure compliance with these **class rules**. Where an **equipment inspector** determines that an item of equipment needs further investigation they shall use whatever inspection methods they deem appropriate, including comparison with a standard or a sample of other equipment presented for inspection. Should this comparison reveal deviation greater than the Inspector considers being within manufacturing tolerances, this shall be reported to technical representatives of World Sailing, IKA and Manufacturer for investigation and a decision on the legality of the equipment. If this investigation takes longer than the time available for inspection, the owner shall present alternative equipment for inspection.

### B.3 EVENT LIMITATION MARKS

B.3.1 All items of a **crew's** equipment which are subject to control, as per the schedule on the Regatta Equipment Registration Form, and which require **event limitation marks** shall be so marked.

B.3.2 Some items of equipment may receive **two event limitation marks**, one in a readily visible position and a second in a position protected from wear and tear.

# PART II – REQUIREMENTS AND LIMITATIONS

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The **crew, equipment** and the **kiteboard** shall comply with the Rules in Part II when *racing*. 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 GENERAL

#### C.1.1 LIMITATIONS

- (a) Not more than any one hull, hydrofoil system, three kites and two bars (with lines) shall be registered for an event. Any number of approved line extensions may be used.

When a hull, hydrofoil system, bar, line or kite has been lost or accidentally damaged beyond repair, a replacement may be made, only with the approval of the Technical Committee. The Technical Committee shall then attach an **event limitation mark** to the replacing item.

- (b) Not more than one mast, one frontwing, one rearwing/stabilizer and one fuselage shall be used in a foil system.

### 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 IKA.

#### C.2.3 AGE DIVISIONS

- (a) YOUTH (U17) - Boys and Girls under the age of 17 years on 31 December of the year of the competition.
- (b) JUNIOR (U15) - Boys and Girls under the age of 15 years on 31 December of the year of the competition.

### C.3 PERSONAL EQUIPMENT

- C.3.1 **Personal equipment** does not have to be produced by a licensed manufacturer

#### C.3.2 SAFETY AND LIFE-SAVING EQUIPMENT

- (a) A detachable kite leash with a leash safety release, capable of fully flagging out the kite, shall be used and worn as intended. The Notice of Race and the Sailing instructions may change this rule.
- (b) 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) A helmet to the minimum standard EN1385 or EN1077 or equivalent, brightly coloured, 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 crew shall display nationality flags on the helmet as instructed by the Notice of Race.
- (d) A hook knife shall be securely attached to the competitor at all times when afloat.
- (e) Body protection (Impact vest) which may also act as a personal flotation device in accordance with CR C.3.2(b).

### C.3.3 OPTIONAL

In addition to food and personal effects to keep warm and/or dry, and/or to protect the body, the following may be carried on board:

- (a) Any harness.
- (b) Any buoyancy vest or jacket (which may be described as mandatory in the Sailing Instructions). If personal buoyancy is prescribed, every competitor shall wear a personal flotation device that shall conform to the minimum standard of ISO 12402-5 (Level 50).
- (c) Any container for holding beverages in accordance with RRS Appendix F 43.1(a)
- (d) Any electronic or mechanical timing device
- (e) Any heart rate monitoring device
- (f) Any electronic or mechanical compass
- (g) A whistle, compliant with ISO 12402-8 or equivalent, securely attached to the competitor.

## C.4 PORTABLE EQUIPMENT

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

### C.4.2 OPTIONAL

- (a) Any camera recording equipment and attachments, removable for weighting. The Notice of Race or Sailing Instructions may change this rule.

## C.5 IDENTIFICATION

Competitors shall comply with RRS F9

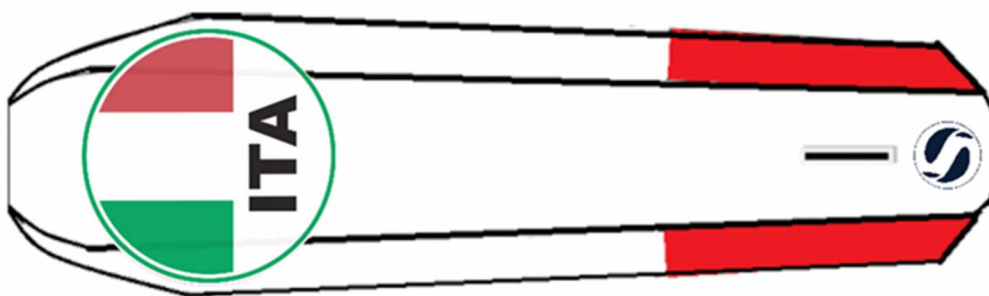
## C.6 ADVERTISING

### 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.



*Red: Event Advertising*

## C.7 HULL

### C.7.1 MODIFICATIONS/MAINTENANCE AND REPAIR

- a) Any three foot straps shall be fitted with any screws and washers to the existing inserts.
- b) Foot straps may be removed, replaced or added during an event without approval while in compliance with C.7.1(a)
- c) Cleaning of the hull permitted
- d) Routine maintenance and repairs may be carried out without approval provided such repairs are made in such a way that the essential shape, characteristics or function of the original are not affected.

### C.7.2 WSCA REGISTRATION

Hulls used in Continental and World Championships shall display a WSCA registration sticker with an unique registration number, applied as instructed.

### C.7.3 NATIONAL FLAG

- a) When racing in an IKA A's Youth Foil Class World Championship, 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. See image class rule C.6.2
- b) Flags shall be 350mm in diameter, designed as specified by the IKA, or ordered and purchased through IKA approved providers, and shall not be trimmed, cut, or covered by other materials. See image class rule C.6.2



## **C.8 HULL APPENDAGES**

### **C.8.1 MODIFICATIONS/MAINTENANCE AND REPAIR**

- a) The Hydrofoil system may be attached to the hull with any screws and washers
- b) Hydrofoil system fittings (screws and washers) to connect hydrofoil mast, fuselage, frontwing and stabilizer/rearwing) may be replaced by any fittings of the same dimension.
- c) Maintenance of appendages is permitted with the following exceptions:
  - (i) Coating is not permitted as part of maintenance.
  - (ii) Sanding as part of maintenance is only permitted on the paint layers and shall not reach the internal carbon fibres.
- d) Routine maintenance and repairs may be carried out without approval provided such repairs are made in such a way that the essential shape, characteristics or function of the original are not affected.
- e) Pinholes in any part of the foil system may be filled and faired.

### **C.8.2 WSCA REGISTRATION**

Foil System Masts used in Continental and World Championships shall display a WSCA registration sticker with an unique registration number, applied as instructed.

## **C.9 RIGGING**

### **C.9.1 MODIFICATIONS/MAINTENANCE AND REPAIR**

- a) Cleaning and lubricating of spars is permitted
- c) Routine maintenance and repairs may be carried out without approval provided such repairs are made in such a way that the essential shape, characteristics or function of the original are not affected.
- (c) Clamcleats may be lubricated
- (d) Cleaning is permitted
- (e) Clamcleats and other fittings may be replaced by any fittings of the same size.

### **C.9.2 DIMENSIONS**

The maximum distance measured from the lowermost point of the rigging to any part of the kite, when rigged, shall be 30000 mm.

## **C.10 KITE**

### **C.10.1 MODIFICATIONS, MAINTENANCE AND REPAIR**

- (a) Routine maintenance and repairs may be carried out without approval provided such repairs are made in such a way that the essential shape, characteristics or function of the original are not affected. Serial numbers/plaque ID's shall remain legible.
- (b) Cleaning is permitted

### **C.10.2 IDENTIFICATION**

If prescribed by the Notice of Race each **kite** shall carry nationality flags as instructed by the Notice of Race.

#### C.10.3 SAILMAKERS MARKS

Personal advertising as prescribed in the World Sailing Advertising Code may be applied provided that model and size identification as publicly available in retail remains identifiable.

#### C.10.4 WSCA REGISTRATION

Kites used in Continental and World Championships shall display a WSCA registration sticker with an unique registration number, applied as instructed.

## Section D – Hull

### D.1 GENERAL

All parts of the Hull and its associated fittings are to be produced by licensed manufacturers unless specified otherwise in C.7.1.

### D.2 PART

- a) Moses T60 or  
Moses T60 Sport or  
Moses T65

### D.3 IDENTIFICATION

- a) Hulls produced after 1 August 2020 shall carry a unique manufacturers serial number as applied by the manufacturer.
- b) Hulls produced after 1 August 2020 shall carry the A'S YOUTH FOIL (AYF) logo as applied by the manufacturer.
- c) Hulls produced after 1 November 2020 shall carry the World Sailing Plaque as applied by the manufacturer.

### D.4 CONSTRUCTION

Hulls shall comply with the technical specifications as approved by IKA.

## Section E – Hull Appendages

### E.1 GENERAL

All parts of the Hydrofoil System and its associated fittings are to be produced by licensed manufacturers unless specified otherwise in C.8.1.

### E.2 PART

- a) Moses M91 or  
Moses Fuente 91
- b) Moses Frontwing W590
- c) Moses Stabilizer S330
- d) Moses Fuselage FK647
- e) associated fittings

### E.3 IDENTIFICATION

- a) Every part of the hydrofoil system produced after 1 August 2020 shall carry a unique manufacturers serial number as applied by the manufacturer in a location visible without dismantling the hydrofoil system
- b) Hydrofoil masts produced after 1 August 2020 shall carry the IKA A'S YOUTH FOIL (AYF) logo as applied by the manufacturer.

### E.4 CONSTRUCTION

Hull Appendages shall comply with the technical specifications as approved by IKA.

## Section F – Rigging

### F.1 GENERAL

All parts of the Hydrofoil System and its associated fittings are to be produced by licensed manufacturers unless specified otherwise in C.9.1.

### E.2 PART

- a) Ozone BAR RACE V4 50cm (no lines)  
Ozone BAR RACE V4 50cm 55 cm (no lines)  
Ozone BAR CONTACT WATER V4 50cm (no lines)  
Ozone BAR CONTACT WATER V4 50cm 55 cm (no lines)
- b) Ozone LINES Kitesurf 4 x 13m Lines 500kg/300kg
- c) Ozone LINES Kitesurf 4 x 4m extensions 500kg/300kg
- d) Ozone LINES Kitesurf 4 x 7m extensions 500kg/300kg
- e) Ozone LINES Kitesurf 4 x 13m Lines 300kg/200kg
- f) Ozone LINES Kitesurf 4 x 4m extensions 300kg/200kg
- g) Ozone LINES Kitesurf 4 x 7m extensions 300kg/200kg
- h) associated fittings

### E.3 CONSTRUCTION

Bars and Lines shall comply with the technical specifications as approved by IKA.

## **Section G – Kite**

### **G.1 GENERAL**

All parts of the Kite are to be produced by licensed manufacturers unless specified otherwise in C.10.1.

### **G.2 PART**

- a) Ozone Edge V10 6m or  
Ozone Edge Race Mark I 6m
- b) Ozone Edge V10 9m or  
Ozone Edge Race Mark I 9m
- c) Ozone Edge V10 13m or  
Ozone Edge Race Mark I 13m

### **G.3 IDENTIFICATION**

- a) Every kite shall carry a unique manufacturers serial number as applied by the manufacturer.
- b) Kites produced after 1 August 2020 shall carry the IKA, A'S YOUTH FOIL (AYF) and WS logo as applied by the manufacturer.

### **G.4 CONSTRUCTION**

Kites shall comply with the technical specifications as approved by IKA.

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