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Status: Approved



# Class Rules

## International Kiteboarding Association - Kitefoil



The IKA KiteFoil Class was adopted as a World Sailing Class in 2015

sport / nature / technology



World Sailing  
Class Association

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## IKA KITEFOIL COMPETITIONS

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# INTRODUCTION

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**The IKA KiteFoil Class rules are meant to regulate the equipment used in foiling kiteboard racing events.**

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

**Development of equipment within the limitation of these class rules is encouraged.**

**Further Equipment limitations similar to the Formula Kite class (registered foils, boards and kites as well as limitation in number) may be introduced once the development has slowed down.**

*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 KiteFoil 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
	IKA KF	IKA KiteFoil 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 WS which shall co-operate with the IKA in all matters concerning these **class rules**.
- A.3.2 The WS or IKA, 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 Kiteboarding Association.

### A.5 WS 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 IKA KiteFoil **kite-board** to be eligible for *racing* it shall comply with the rules in this section

### B.1 LICENSED MANUFACTURERS

Reserved for future use

### B.2 HULL IDENTIFICATION

Reserved for future use

### B.3 KITE IDENTIFICATION

Reserved for future use

### B.4 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 WS, RCA 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.5 EVENT LIMITATION MARKS

B.5.1 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.5.2 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 **kite-board** shall comply with the Rules in Part II when *racing*, or at times specified in the *rule* itself. 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

Reserved for future use.

#### 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) 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 (45+) – Men and Women above the age of 44 years on 1 January of the year of the event.

#### 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 with a total area of at least 300 square centimetres of the exterior surface in a high visibility colour not divided in more than 4 parts shall be worn at all times when afloat, except briefly while changing or adjusting clothing or personal equipment.
  - i. When racing in a World Championship or World Series event, the national flag of the crew shall be displayed on both sides of the helmet. Displaying the national flag is optional at all other events.
  - ii. Flags shall be 80x60mm in dimension, designed as specified by the IKA, and shall not be trimmed, cut, or covered by other materials.
- (d) A hook knife shall be securely attached to the competitor's harness and readily available 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) shall be worn at all times when afloat, except briefly while changing or adjusting clothing or personal equipment.

### 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 which shall have positive buoyancy and shall not weigh more than 2600g.
- (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 50.1(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.3.4 TOTAL WEIGHT

- a) As permitted by RRS 50.1(b), the total weight of a competitor's clothing and equipment shall not weigh more than 10.00 kg. The harness and drinking container are considered as competitor's clothing and equipment and therefore included.

## 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 GPS tracking device . The Notice of Race or Sailing Instructions may change this rule.
- (b) 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

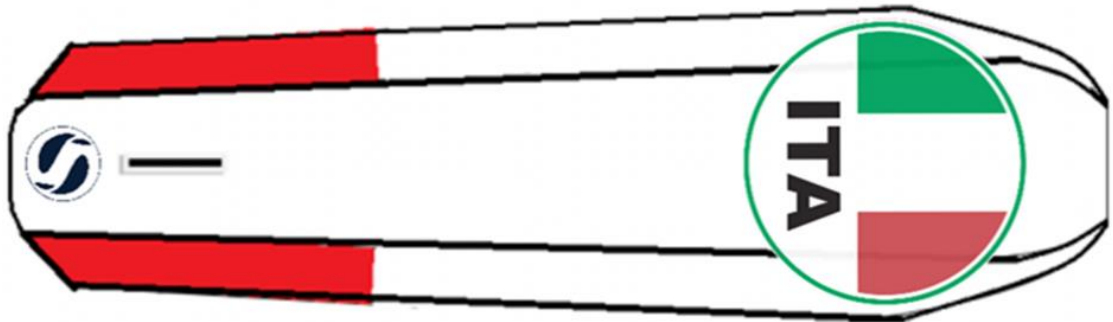
## C.6 ADVERTISING

### C.6.1 LIMITATIONS

Advertising shall only be displayed in accordance with the WS Advertising Code.

### C.6.2 Placement of Advertising

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.



Aft Red Area: Event Advertising

## C.7 HULL

### C.7.1 GENERAL

Any **hull** may be used

### C.7.2 DIMENSIONS

Not in Use

### C.7.3 WSCA REGISTRATION

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

### C.7.4 NATIONAL FLAG

- (a) When racing in a World Championship or World Series event, the national flag of the crew shall be displayed on the bottom of the hull, centred 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.

### C.7.5 CLASS INSIGNIA



The class insignia shall be 80mm in diameter, designed as specified by the IKA, placed on the bottom of the hull, centred behind the mast box / mast track, within an area of 10x10cm, 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 GENERAL

Any **hydrofoil** may be used.

### C.8.2 MATERIALS

Any material may be used.

### C.8.3 WSCA REGISTRATION

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

## C.9 RIGGING

### C.9.1 BARS

(a) Any handle bar may be used.

(b) Handle bars shall have a quick release system that allow to disconnect the handle bar from the harness with a single hand movement.

### C.9.2 LINES

(a) Any lines may be used.

(b) *Front lines* shall have a *depowering device*.

### C.9.3 BRIDLES

(a) Any *bridles* may be used.

### C.9.4 MIXER / SPEEDSYSTEM

Any mixer / speed system may be used.

The Speedsystem/Mixer allows to change the Angle of Attack (AoA) and camber of a **kite** in flight. It connects the **flying lines** on one side with the bridles on the other side. It is permanently connected to the kite's bridles and is controlled by the **back lines** running from the **bar** ends to the **kite**.

### C.9.5 DIMENSIONS

The maximum distance measured from the lowermost point of the *rigging* to any part of the kite, when rigged, shall be 45000 mm.

	Maximum Diameter	Minimum Diameter
<i>Front Lines</i>		1.2mm
<i>Back Lines</i>		0.8mm

### C.9.6 MATERIALS

- (a) Flying lines shall be made of HMPE (Dynema©, Spectra©) or generic materials
- (b) Bridles if used shall be made of Aramid (Kevlar©, Technora©) or HMPE (Dyneema©, Spectra©) or generic materials.

## **C.10 KITE**

### **C.10.1 GENERAL**

Any kite may be used.

### **C.10.2 IDENTIFICATION**

If prescribed by the Notice of Race and the Sailing Instructions, each kite shall carry two nationality flags, placed app. 1m from each tip on the outside (top side) of the canopy and with the longer side parallel to the struts. The dimensions shall be

(a) For kites with a nominal size of less than 10m, 60x40 cm

(b) For kites with a nominal size of 10m and more, 90x60cm

Nationality flags, brand and size identification shall not overlap.

### **C.10.3 WSCA REGISTRATION**

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

## Section D – Hull

Not in Use

## Section E – Hull Appendages

Not in Use

## Section F – Rigging

Not in Use

## Section G – Kite

### G.1 GENERAL

#### G.1.1 MATERIALS

- a) The outside shell of the *front tube* (if any), the *canopy*, and the outside shell of the *struts* (if any) shall be made out of woven ply
- b) Reinforcements, *battens*, tapes may be made out of other material.
- c) *Bladders* shall be made out of TPU, PU or PVC materials

#### G.1.2 SIZE

Reserved for future use.

#### G.1.3 SIZE DECLARATION

Reserved for future use.

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