Effective date: 2022-07-05
Status: Provisional

Class Rules

International Windsurfer Class Association

The Windsurfer was adopted as a World Sailing class in 2018.

sport / nature / technology

World Sailing
Class Association

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INTRODUCTION

The Windsurfer Class maintains the ideals and traditions of the sailboarding pioneers – to provide a fun and inclusive platform for fair and friendly competition.

The Windsurfer Class supports inexpensive one design racing, where the emphasis is on skill and tactics rather than equipment.

These rules reflect the “Windsurfer LT” specifications as adopted by the Class in 2018.

“Original Windsurfers” (pre-1984) and “Windsurfer One Designs” (1984 – 2018) remain Class legal and may race in their supplied equipment configurations so long as they meet all requirements of the Equipment Rules outlined in Section C 6 - 9.

Windsurfer hulls, hull appendages, rigs and sails are manufacturing controlled.

The Windsurfer hull, hull appendages, rigs and sails shall only be manufactured by appointed manufacturers.

After Windsurfer hulls, hull appendages, rigs and sails have left the manufacturer, they may only be altered to the extent permitted in Section C of these class rules.

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

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

PLEASE REMEMBER:

THESE RULES ARE CLOSED CLASS RULES
WHERE IF IT DOES NOT SPECIFICALLY SAY 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
IWCA	International Windsurfer Class Association
WNCA	Windsurfer National Class Association
WRCA	Windsurfer Regional Class Association (combining multiple MNA or WNCAs)
AM	Appointed Manufacturer(s)
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 WS which shall co-operate with the IWCA in all matters concerning these **class rules**.

A.3.2 Neither WS nor IWCA, or its delegated representatives accept any liability or legal responsibility in respect of these **class rules**.

A.4 ADMINISTRATION OF THE CLASS

A.4.1 WS has delegated its administrative functions of the class to the IWCA and its certification authority to the IWCA Technical Committee.

A.5 CLASS RULE CHANGES

A.5.1 At Class Events – see RRS 89.1.d) – WS Regulation 26.5(f) applies.

At all other events RRS 87 applies.

A.6 CLASS RULES AMENDMENTS

A.6.1 Amendments to these **class rules** are subject to the approval of WS in accordance with the WS Regulations.

A.7 CLASS RULES INTERPRETATIONS

A.7.1 Interpretation of **class rules** shall be made in accordance with the WS Regulations.

A.8 INTERNATIONAL CLASS FEE AND WS BUILDING PLAQUE

A8.1 IWCA shall pay the 'plaque fee' to WS.

A.9 SAIL NUMBERS

A.9.1 Sail numbers shall be issued by the IWCA who may delegate this to a WRCA or WNCA.

Section B – Equipment Eligibility

For equipment to be eligible for *racing*, it shall comply with the **class rules**.

B.1 HULL MARKINGS

B.1.1 **Hulls** shall display the official Windsurfer logo and serial number as applied by the appointed manufacturer.

B.1.2 **Hulls** manufactured after WS ratification shall display the official WS logo as applied by the appointed manufacturer.

B.2 GRANDFATHERING

"Original Windsurfers" (pre-1984) and "Windsurfer One Designs" (1984 – 2018) remain Class legal and may race in their supplied equipment configurations so long as they meet all requirements of the Equipment Rules outlined in Section C 6 - 9.

PART II – REQUIREMENTS & LIMITATIONS

The **crew** and his/her equipment 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 RULES

(a) The RRS 1.2 is changed as permitted by the rule itself to make the use of **personal flotation devices** optional except when required by RRS 40. When their use is made mandatory, **personal flotation devices** shall conform to the minimum standard of ISO 12402-5 (Level 50), or equivalent. The Notice of Race or Sailing Instructions may change this rule to prescribe alternative or additional standards.

(b) RRS 50.1(b) is changed as permitted by the rule itself to specify a clothing and equipment weight as set in C.3.2.

(c) RRS Appendix G is changed as permitted by RRS G.5 to set the Sail identification requirements as defined in C.9.2 and Part III, H1 & H2.

(d) RRS 42 is amended to read:

A board shall be propelled only by the action of the wind on the **sail** and by the action of the water on the **hull** through the unassisted actions of the competitor except that when:

(i) Course racing
and
(ii) competitors are sailing to windward or on a close-hauled course

pumping (continuous and/or repetitive movement of the rig to induce wind-flow over the sail) is prohibited except for the first 30 seconds after the starting signal.

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 event unless he/she is a member of his/her WNCA or RWCA. If there is no WNCA, then the **crew** must be a member of the WNCA conducting the event or an RWCA.

C.3 PERSONAL EQUIPMENT

C.3.1 TOTAL WEIGHT

(a) Clothing and equipment, including harness but excluding beverage container, worn or carried by the **crew** shall not weigh more than 6kg when weighed in accordance with RRS Appendix H.

C.3.2 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:

(a) A harness.

(b) **Personal floatation device**

(c) A container for holding beverages in accordance with RRS Appendix B.50.1 (a).

(d) A battery operated electronic (including GPS inclusive) or mechanical timing device.

C.4 PORTABLE EQUIPMENT

C.4.1 OPTIONAL

(a) For Use

(i) Spare parts and tools.

(ii) Timing devices.

(iii) 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.

C.5 ADVERTISING

C.5.1 LIMITATIONS

(a) Personal advertising shall only be displayed in accordance with WS Regulation 20 - Advertising Code.

(b) Personal advertising shall only be displayed outside of the reserved areas of the sail described in Part III, H1 & H2.

C.6 HULL

C.6.1 LIMITATIONS

(a) Only one **hull** shall be used during an event, except when lost or damaged beyond repair. A replacement may be made only with the approval of the Technical Committee.

C.6.2 HULL WEIGHT

(a) The **hull** weight, including the mast track, **centreboard** cassette and gasket assembly, shall not be less than 15.0 kg.

(b) Any **corrector weights** shall be securely fixed in an accessible position that ensures compliance with C.6.2(a).

C.6.3 MAINTENANCE AND MODIFICATIONS

(a) The **hull** shall not be altered in any way except as permitted by these **class rules.**

(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) The underside of the **hull** may be rubbed down and polished.

(d) The **centreboard** cassette may be shimmed.

(e) Additional grip of any kind may be added to the **hull** provided that the original deck graphics remain legible. Any additional grip may not exceed a total thickness of 5mm above the hull surface.

(f) Any lubricant may be used on the **centreboard** gasket.

(g) One piece of adhesive plastic or fabric tape, not measuring more than 200mm in any direction, may be bonded to the hull over the forward end of the **centreboard** gaskets.

(h) The **centreboard** gasket rubbers may be trimmed.

(i) Up to two **centreboard** covers may be used provided they are affixed using the inserts provided by the manufacturer.

(j) Each **centreboard** gasket rubber may be wrapped with adhesive plastic or fabric tape.

C.7 HULL APPENDAGES

C.7.1 LIMITATIONS

(a) Only one **centreboard** and one **fin** per **crew** shall be used during an event, except when lost or unintentionally damaged beyond repair. A replacement may be made only with the approval of the Technical Committee.

C.7.2 MAINTENANCE AND MODIFICATIONS

(a) The **hull appendages** shall not be altered in any way except as permitted by these **class rules**.

(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.

(c) **Hull appendages** may be lightly **sanded** and/or polished providing that the essential shape and characteristics of the **hull appendage** are not affected.

(d) The sides of the **fin** root may be shimmed to fit the **fin** box.

(e) The sides of the **centreboard** and **centreboard cassette** may be shimmed or **sanded.**

(f) The **centreboard** knob may be screwed on to ensure it remains affixed to the **centreboard.**

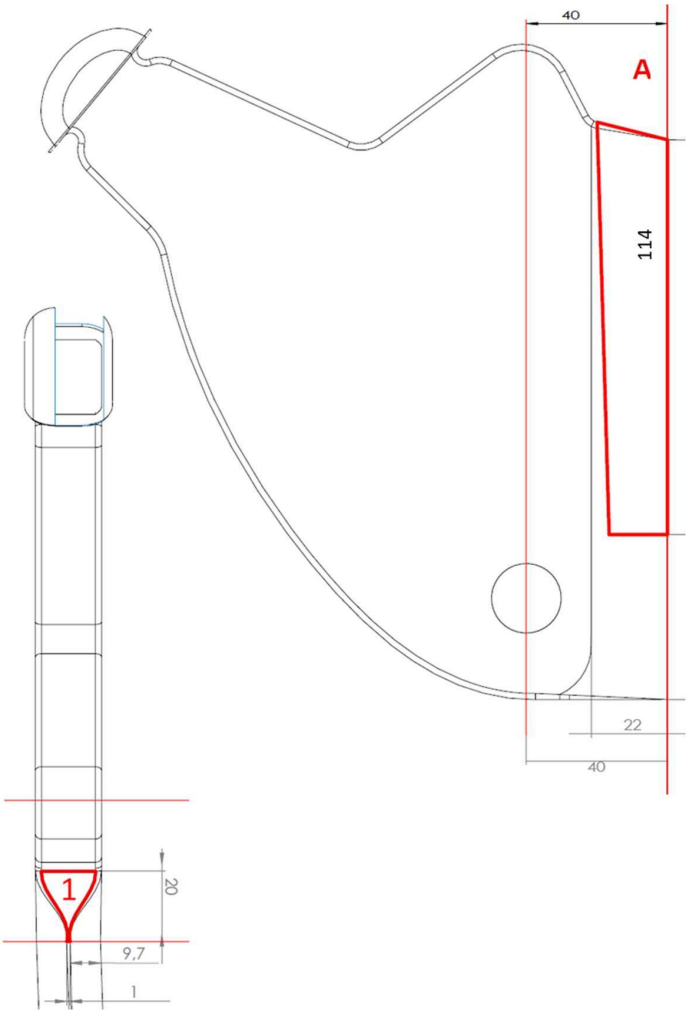
(g) The **centreboard** knob may be wrapped in tape or other padding material to assist in raising/lowering by foot.

Any added material cannot extend more than 10mm in total from the surface of the **centreboard** knob.

(h) The transition area of the **centreboard trailing edge** may be **sanded** within a 'triangle' (in diagram marked red 1) formed with a length of maximum 114mm (in diagram side A) and its point inwards to the centre of the centreboard with a maximum width of 22mm.

Side A must be located 40mm below the center of the **centreboard** pin and horizontal across the **centreboard.**

At no point may the trailing edge be less than 1mm in width.



C.8 RIG

C.8.1 LIMITATIONS

(a) Only one **rig** may be used during an event, except when an item has been lost or unintentionally damaged beyond repair. Such item may only be replaced with the same type of item and with the approval of the Technical Committee.

C.8.2 MAINTENANCE AND MODIFICATIONS

(a) The **rigs** shall not be altered in any way except as permitted by these **class rules.**

(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.

(c) Any uphaul may be fitted.

(d) Any harness lines may be used.

(e) Cleats and ropes may be replaced by any of the same characteristics and function.

(f) The downhaul system shall be tied off and fixed whilst *racing* (no system which can be adjusted whilst *racing* may be used).

(g) The outhaul shall be tied off and fixed whilst *racing* (no system which can be adjusted whilst *racing* may be used).

(h) The surface of the **boom** grip may be replaced or be roughened using abrasive material.

(i) The **mast base** may be shimmed or **sanded.**

(j) The **mast** spigot (joint between two-piece mast) may be shimmed or **sanded.**

C.9 SAIL

C.9.1 LIMITATIONS

(a) Only one **sail** may be used in an event, except when the **sail** has been lost or unintentionally damaged beyond repair. A replacement may be made only with a **sail** of the same size and with the approval of the Technical Committee.

(b) Battens may be changed at any time during an event.

C.9.2 SAIL IDENTIFICATION

(a) Numbers/Letters

The sail identification shall comprise no more than 6 characters using a contrasting colour and applied to both sides of the **sail** immediately below and parallel to batten 2, starting as close to the **leech** as possible with the starboard side above. The dimensions and requirements are detailed in the diagram contained in Section III.

C.9.3 MAINTENANCE AND MODIFICATIONS

(a) **Sails** and **fittings** shall not be altered in any way except as permitted by these **class rules.**

(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.

(c) **Sails** shall not be recut, except as permitted in C.19.3 (b), or otherwise change or affect any aspect of the **sail** or pierce the **sail** for any reason other than effecting necessary repairs.

(d) Tell Tales on the **sail** are permitted in any number and location.

(e) Battens may be replaced. Such replacements shall be made on a 'like for like' basis using battens supplied by the appointed manufacturer or equivalent.

Section D – Hull

D.1 PARTS

(a) Hull

D.2 GENERAL

D.2.1 MANUFACTURERS

(a) Except as provided in B.2, the **hull** and its **fittings** shall only be manufactured by an AM.

D.2.2 The AM is:

(a) Cobra International Co Ltd

D.2.3 IDENTIFICATION

(a) **Hulls** shall carry the official Windsurfer logo and unique serial number in a legible condition as applied by the AM.

(b) **Hulls** manufactured after WS ratification shall display the official WS logo as applied by the AM.

D.3 MATERIALS, CONSTRUCTION AND DIMENSIONS

The **hull** shall comply with the Windsurfer building specifications.

D.4 FITTINGS

(a) mast track
(b) centreboard cassette
(c) gasket assembly
(d) gaskets
(e) centreboard cover

Section E – Hull Appendages

E.1 PARTS

(a) Fin
(b) Fin screw
(c) Centreboard

E.2 GENERAL

E.2.1 MANUFACTURERS

Except as provided in B.2, the **Hull appendages** shall be produced only by an AM.

E.2.2 The AM is:

(a) Cobra International Co Ltd

E.2.3 IDENTIFICATION

Centreboards shall carry a unique ID number applied by the AM.

E.3 MATERIALS, CONSTRUCTION AND DIMENSIONS

The **fin** and **centreboard** shall comply with the Windsurfer building specifications.

Section F – Rig

F.1 PARTS

(a) Mast
(b) Boom
(c) Mast base assembly

F.2 GENERAL

F.2.1 MANUFACTURERS

Except as provided in B.2, the **rig** shall be produced only by an AM.

F.2.2 The AMs are:

(a) Mast - Weihai Julia Sport Product Co
(b) Boom - Technic Devotion Corp
(c) Mast Base and Joint - Technic Devotion Corp

Cleats, ropes, uphaul and harness lines do not have to be produced by an AM.

F.3 MATERIAL, CONSTRUCTION AND DIMENSIONS

F.3.1 The **mast, boom** and **mast base** shall comply with the Windsurfer building specifications.

F.3.2 **Masts** shall be 460cm SDM two-piece, 40% carbon content, constant curve with 25.5 IMCS and a net weight of minimum 2.870 kg.

The mast will carry the Windsurfer logo and/or brand, and a serial number, as applied by the appointed manufacturer.

F.3.3 The **boom** shall be constructed of aluminium tubing with plastic end fittings. The overall length is variable between 180-240 cm.

The boom will carry the Windsurfer logo and/or brand, and a serial number, as applied by the appointed manufacturer.

F.3.4 The **mast base** shall be constructed from plastic with a maximum of 3 metal pulleys and one integrated cleat.

The **joint** attachment system shall be ‘Euro Pin’.

Section G – Sails

G.1 PARTS

(a) 5.7 m^2 Windsurfer sail.
(b) 4.5 m^2 Windsurfer sail.
(c) 4.0 m^2 Windsurfer sail.
(d) Battens for sails

G.2 MANUFACTURERS

G.3.1 Except as provided in B.2, the **Sails** shall be manufactured only by an AM.

G.3.2 The AMs are:
(a) Sails East (HK) Ltd
(b) Cobra International Co Ltd

G.3 MATERIAL, CONSTRUCTION AND DIMENSIONS

G.3.1 The **sail** and battens shall comply with the Windsurfer building specifications.

G.3.2 **Sails** shall be made as follows:
(a) 5.7 m^2 sail – from mylar material sourced from an authorised sail cloth manufacturer
(b) 4.5 m^2 sail – from dacron material
(c) 4.0 m^2 sail – from dacron material
(d) Battens for sails – from fibreglass

G.4 IDENTIFICATION

G.4.1 The Class insignia and Windsurfer word shall be applied to the sail by an AM.

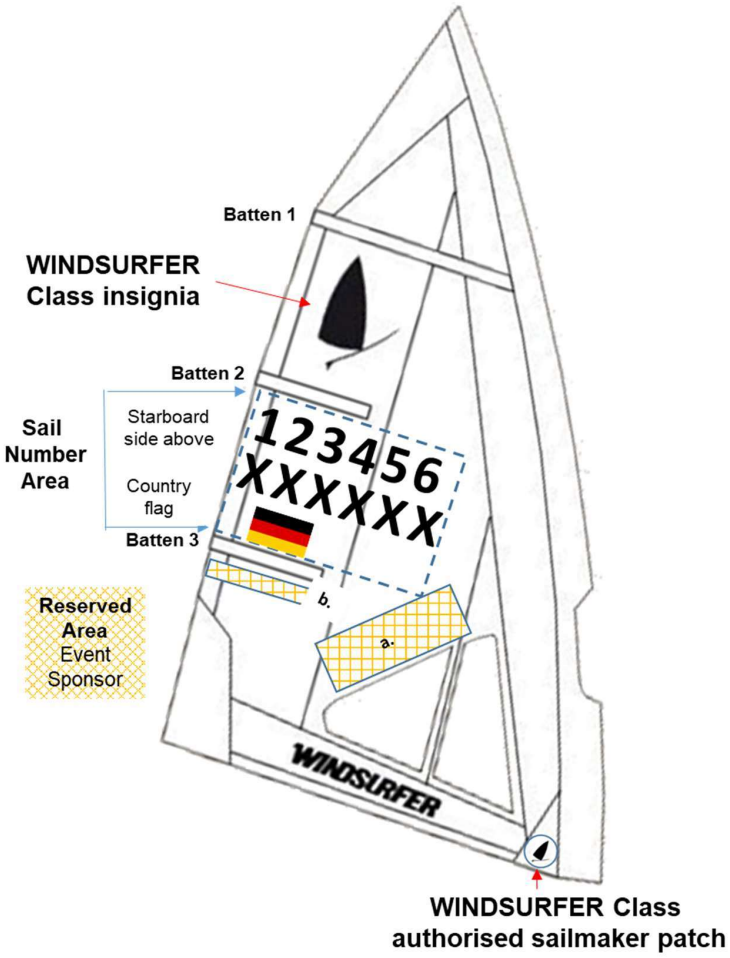
G.4.2 All **sails** produced from the year 2020 onwards, shall have a Class authorised sailmaker patch applied at the tack area. The patch shall include information including a unique serial number.

G.5 FITTINGS

(a) Battens

PART III – APPENDICIES

H1. Sail Identification – Windsurfer brand



Sail Number / Letter Characteristics and Dimensions

- letters and sail numbers shall be in capital letters & Arabic numerals
- Typefaces Helvetica or Arial or other giving the same or better legibility
- minimum height of letters and numbers: 230 mm
- minimum distance between letters and numbers: 30 mm
- Width of numbers and letters (except "1" or "I"): 150 mm
- Width for M and W: 160 mm
- Thickness letters and numbers: 30 mm

Optionally, Country flag positioned above Batten 3, in the middle of the batten pocket

Dimensions: 160 mm high by 240 mm long

Reserved Area Dimensions – Event Sponsor

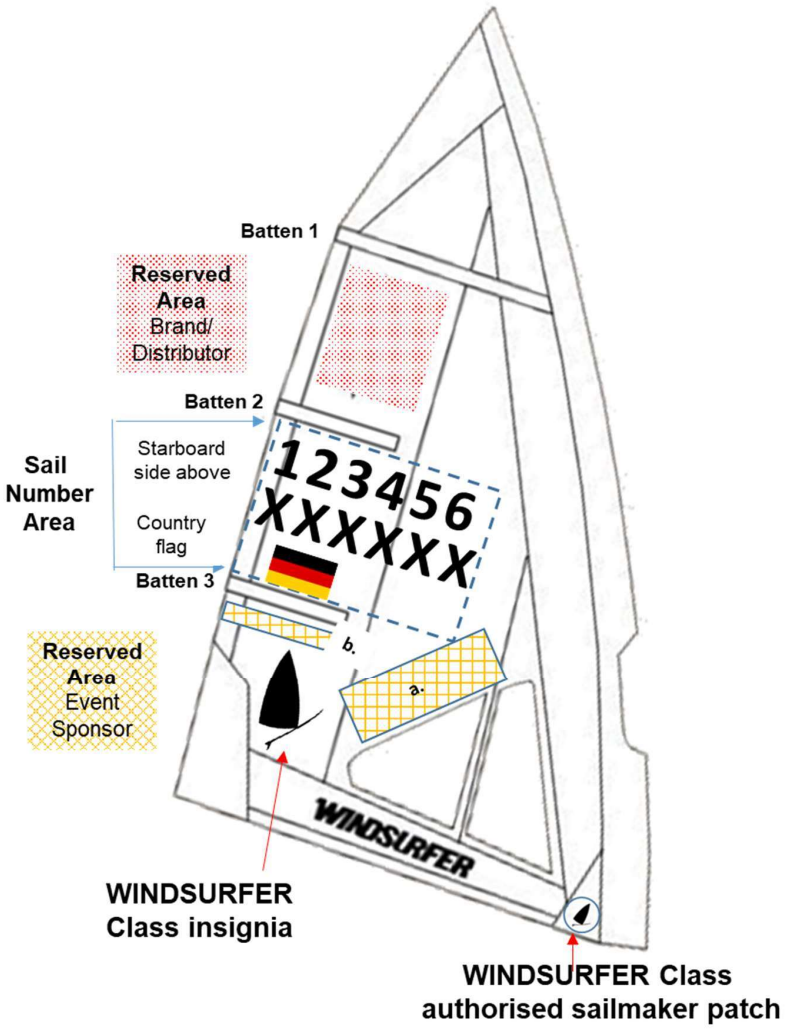
Area a.

- an area of maximum length 650mm and height of 150mm
- located above window panel as indicated extending parallel over its length

Area b.

- an area of maximum length 500mm and height of 100mm
- located 100mm from the leech extending parallel above Batten 3

H2. Sail Identification – Brands / Distributors



Sail Number / Flag Characteristics and Dimensions
As per Windsurfer brand in H.1

Reserved Area Dimensions – Brand/Distributor
- Area noted in single panel between Batten 1 and Batten 2
- Positioned from 20mm below Batten 1
- Maximum dimension of 550mm long and height of 850mm

Reserved Area Dimensions – Windsurfer Class insignia
- Area noted in single panel in clew area below batten 3 and Event Sponsor reserved Area b.
- Dimension of 300mm long (board length) and height (top of sail to bottom of hull) of 335mm

Reserved Area Dimensions – Event Sponsor
Area a.
- an area of maximum length 650mm and height of 150mm
- located above window panel as indicated extending parallel over its length

Area b.
- an area of maximum length 500mm and height of 100mm
- located 50mm from the leech extending parallel below Batten 3

H.3 WEIGHT / AGE DIVISIONS

H3.1 Males & Females may race together or in separate gender categories.

H3.2 Males may race in weight divisions.

H3.3 In National and International events competitors may be allocated to weight divisions by one of the following methods:

1. Fixed Weights:

Category	Division	Weight (kg)
A	Light Weight	Less than 70
B	Medium Weight	From 70 to less than 79
C	Heavy Weight	From 79 to less than 88
D	Super Heavy Weight	Above 88

2. Split Weights:

(i) Competitors may be divided into the 4 categories of weight (A-D) of ideally equal numbers, including Youth and Juniors.

(ii) After the weighting procedure, in case the total number cannot be divided by four, the first category with one competitor more will be determined upon a random draw. In case two competitors have the same weight, the younger competitor will be considered the lighter.

(iii) Before the start of the first race, a second weighting procedure can be called for the athletes close to the limits of the categories, in order to recheck the correct registered weight.

Weighing Procedure

(i) Weighing of competitors will be conducted during the event registration

period on the official scales provided by the Organising Authority.

(ii) Competitors will weigh in T-shirt and shorts only (no footwear) – with all pockets emptied.

(iii) Competitors may be re-weighed at any time during an event at the discretion of the Organising Authority.

(iv) If subsequent weighing of a competitor indicates a variation of more than 2 kilograms from the original weight that would cause a competitor to change weight division the Organising Authority will assess the circumstances and have the option to change the competitors' division.

H3.4 In National and International events competitors may be allocated to Age divisions as follows:

Age Division	Age
Junior	Under 15 years on the 1st racing day of the Event
Youth	Between 15 and under 20 years on the 1st racing day of the Event
Master	40 years or older on the 1st racing day of the Event
Grand Master	50 years or older on the 1st racing day of the Event
Legend	60 years or older on the 1st racing day of the Event
Super Legend	70 years or older on the 1st racing day of the Event

(i) Competitor proof of age may need to be provided to the Organising Authority as part of event registration