

SHADOW CLASS ASSOCIATION

CLASS RULES 2005-2009



Closed class rules for a “one design” class

(Amended February 2005)

Introduction

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

Shadow hulls, hull appendages, rigs and sails shall only be manufactured by Loday-White Ltd.- in the class rules referred to as licensed manufacturers. Equipment is required to comply with the Shadow Building Specification.

Shadow hulls, hull appendages, rigs and sails may, after having left the manufacturer, only be altered to the extent permitted in Section 6 of the class rules.

Owners and Sailors should be aware that compliance with rules in Section 6 is NOT checked as part of the certification process.

Rules regulating the use of equipment during a race are contained in Section 8 of these class rules, in ERS Part 1 and in the Racing Rules of Sailing.

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

1 General

- 1.1 The official language of the Shadow Class is English and in the event of dispute over interpretation the English text shall prevail.
- 1.2 Neither the ISAF nor the Shadow Class Association accepts any legal responsibility in respect of these rules or any claim arising from them.
- 1.3 Where there is no National Authority or the National Authority does not wish to administer the class, its function as stated in these rules shall be carried out by the Shadow Class Association or its delegated representatives.

2 Definitions

- 2.1 The Shadow Class Association shall hereafter be referred to as SCA.
- 2.2 The International Sailing Federation shall be referred to as ISAF
- 2.3 The International Sailing Federation Racing Rules of Sailing shall be referred to as the RRS.

3 Fundamental Rules

- 3.1 The Shadow was created as a strict one-design catamaran where the true test when raced is between sailors and sailing skill and not boats and equipment. The fundamental objective of the Shadow Class Rules ("The Rules") is to ensure the strict one design concept is maintained.
- 3.2 The Shadow shall be raced only with hulls, beams, trampoline, mast, sails, battens, daggerboards, rudder system, tiller, fittings, standing rigging and running rigging conforming to these rules.
- 3.3 No additions alterations or repairs may be made to any part of the boat including the hulls, beams, trampoline, mast, boom, sails, battens, daggerboards, rudder system, tiller, fittings, standing rigging or running rigging supplied by a licensed Builder (see Section 4) except when such an addition, alteration or repair is specifically authorised by these Rules (see Section 5).
- 3.4 Replacement of the hulls, beams, trampoline, mast, boom, sails, battens, daggerboards, rudder system, tiller, fittings, equipment (including location) standing rigging and running rigging shall only be from parts supplied by a licensed Builder unless such replacement from another supplier is specifically authorised by these Rules (see Section 5).
- 3.5 Where replacement, alteration or repairs are authorised by these rules, these shall be carried out using materials of construction and in a manner that gives no weight or other advantage.

- 3.6 The minimum weight of the boat including all sails and equipment is to be 99 Kg
- 3.7 When the boat weight is less than the minimum required, corrector weights are to be secured to the front cross beam in a manner and location that allows inspection.
- 3.8 Sails may be supplied only by the licensed builder. The maximum sail area is Mainsail: 12.95m², Spinnaker 10m² measured in accordance with ISAF SCHRS measurement rules.

4 Definition of Builders and Hull identification.

- 4.1 The builders of the Shadow shall be only those licensed by Loday White Limited and approved by the SCA.
- 4.2 Each Shadow shall have a builder's unique identification number on the transom of each hull.

5 Safety equipment

- 5.1 The sailor shall wear a lifesaving device or Personal Floatation Device (PFD) approved by their country's national authority or the national authority having jurisdiction.
- 5.2 The Shadow is equipped with a permanent righting line system attached to the front beam. This must not be removed or altered in any way, with the exception that the length of the rope may be adjusted to suit the sailor's height.
- 5.3 A paddle is allowed and recommended but not required.
- 5.4 Any additional equipment required for safety purposes may be fitted or carried provided it has no other purpose and is not used in contravention of these rules.

6 Permitted Replacements, Additions, Alterations and Repairs.

- 6.1 The following may be replaced by any of similar type, size and function, but from any supplier:
 - a) Shackles/ pins
 - b) Cam Cleats
 - c) Blocks

- d) Running rigging, with any of different length and diameter. Aramid and high modulus fibres are permitted. All lines shall be of a uniform diameter
- e) Standing rigging of the same type, diameter and dimensions, and with the same end terminal types as that supplied by the licensed Builder.
- f) Trapeze rings
- g) Tiller extension and universal joint. Telescopic tiller extensions are not permitted.
- h) Aft deck foot loops

6.2 The following additions and alterations are permitted and may include parts which can be obtained from any supplier.

- a) The use of flexible adhesive tape, shock-cord, light lines and plastic rings to prevent snagging of sails, sheets and lines is unrestricted but shall not modify the effective sheeting of any sail nor the intended purpose or action of any equipment.
- b) Additional purchase may be incorporated into the mainsheet system using the existing sheet attachment points. Only one extra block may be added to give a maximum purchase of 7:1.
- c) Surface refinishing (but not fairing) of hulls and foils is permitted providing the original shape, thickness and characteristics are not altered.
- d) One magnetic or electronic compass may be fitted
- e) Calibration marks of any kind are permitted
- g) Any design of mechanical wind indication device is permitted
- h) Wedges may be fitted under cleats
- i) A towing rope may be attached to the mast support.
- j) Clips, ties or bags to secure safety or other equipment are permitted.
- k) Tell-tales may be attached to any part of the mainsail.
- l) A protective cover for the diamond wire adjuster is permitted

6.3 Repairs and preventative maintenance to hulls, mast, boom, rudder system, daggerboards, tiller, fittings, equipment, sails, standing rigging

and running rigging may be carried out without violation of these Rules provided such repairs are made in such a way that the essential shape and characteristics or function of the original are not affected

- 6.4 Preventative maintenance shall include the replacement of fastenings with alternatives providing that the equipment is replaced in the original position and in accordance with these Rules where relevant
- 6.5 Sanding and refinishing is only permitted for the purposes of repairs.

7 Measurements

- 7.1 The Shadow shall conform to these Rules. All equipment listed in the Rigging Manual shall be carried in the position as supplied by the builder and the Shadow shall be rigged in accordance the rigging manual. In the case of a measurement dispute not explicitly covered by these rules, the procedure set out in paragraph 7.2 shall be adopted.
- 7.2 A sample of 5 boats or, if appropriate a sample of 5 items, not the subject of the measurement dispute shall be taken and measured using identical techniques. The dimensions of the disputed boat or item shall be compared to the measurements taken from the sample and if the boat or item is outside the maximum or minimum dimensions obtained from the sample the matter together with details of the measurement methods and any other relevant information shall be referred to the Chief Measurer of the Class Association whose decision shall be final and binding on all parties.
- 7.3 In the event of a dispute alleging non-compliance with these Rules, the matter, together with any relevant information shall be referred to the Chief Measurer of the Class Association whose decision shall be final and binding on all parties.

8 Sailing Requirements

- 8.1 The Shadow shall be raced with 1 person onboard.
- 8.2 No person is permitted to race a Shadow in any SCA event unless the owner or a joint owner, or a nominated representative of an organisation owning the Shadow is a current Full Member or Associate Member of the Class Association.
- 8.3 Only one mainsail, one spinnaker, two daggerboards and two rudder assemblies shall be used for each series or races. If such sail, daggerboard or rudder assembly is damaged to the extent that it cannot be repaired in time before the start of the next race in the series then a replacement may be used but only when the measurer for the series or if no measurer, then the Principal Race Officer has been notified and has approved the need for such replacement.

- 8.4 Whilst racing the Shadow it shall be rigged in accordance with the Equipment and Rigging Diagrams contained in the rigging manual and shall carry all the equipment and rigging included in those Diagrams.
- 8.5 Sail numbers shall be displayed on the mainsail above (starboard) and below (port) the fourth batten from the head of the sail, with National Letters (when required) placed above the sail numbers. The size and spacing of the letters and numbers is to be in accordance with ISAF requirements.

9 Advertising

- 8.1 Advertising is allowed in accordance with RRS 79 and ISAF advertising code, Category C, unless the Notice of Race and Sailing Instructions designate otherwise.

10 Amendments

- 10.1 Amendments to these rules may be made at the sole discretion of the SCA until 1st May 2005. These amendments shall not come into force until the SCA has informed the membership of such amendments in writing or before the 1st May 2005.
- 10.2 Amendments to these Rules made after the 1st May 2004 shall be approved by each of
- A) The SCA
 - C) At least two thirds of the membership replying to the SCA in response to a postal vote published by the SCA. Only those postal votes returned within six months from the date of publication of the rule changes shall be valid.

11 Disclaimer of Liability

- 11.1 Competitors participate in regattas entirely at their own risk. The SCA will not accept any liability for material damage or personal injury or death sustained in conjunction with or before, during or after a regatta.