

# **INTERNATIONAL**

# **LOGO IMAGE**

# **CLASS RULES**

## **2015**



The M32 was designed in 2011 by Göran Marström and Kåre Ljung.

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# INTRODUCTION

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*This introduction only provides a background and the M32 Class Rules proper begin on the next page.*

*M32 is a manufacturer one-design class. Equipment is built in accordance with the ISAF approved M32 building specifications and subject to ISAF approved manufacturing control. These parts having left the manufacturer may only be altered to the extent permitted in Section C of these class rules.*

*Owners and crews should be aware that compliance with rules in Section C is the responsibility of the competitor.*

PLEASE REMEMBER:

THESE RULES ARE **CLOSED CLASS RULES** WHERE IT DOES NOT SPECIFICALLY SAY THAT YOU MAY – THEN YOU SHALL NOT.

***The M32 is a strict One Design Class Association, M32 encourages close racing in high performance catamarans where the main focus of competition relies on the sailors' skill. Any attempt to gain advantage through equipment or its use will be pursued and corrected.***

## PART I – ADMINISTRATION

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### Section A – General

#### A.1 LANGUAGE

- A.1.1 The official language of these **class rules** is English and in case of dispute over translation the English text shall prevail. The meaning of any word shall be by reference to the Oxford English Dictionary.
- 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 ISAF International Sailing Federation  
M32ICA International M32 Class Association  
ERS Equipment Rules of Sailing  
RRS Racing Rules of Sailing  
CH Copyright Holder  
NOR Notice of Race for an event

#### A.3 AUTHORITIES

- A.3.1 The **class authority** is the M32ICA.
- A.3.2 The **class rules authority** is the ISAF.
- A.3.3 The CH is Aston Harald Composites.
- A.3.4 Notwithstanding anything contained herein, the **certification authority** has the authority to withdraw a **certification mark** and shall do so on the request of the **class rules authority**.

#### A.4 ADMINISTRATION OF THE CLASS

- A.4.1 ISAF has delegated the administrative functions to the **class authority**.

#### A.5 CLASS RULES AMENDMENTS

- A.5.1 Amendments to the **class rules** shall only be made by the **class authority** in agreement with the CH and are subject to the approval of the **class rules authority**.

#### A.6 CLASS RULES INTERPRETATION

- A.6.1 **Class rule** interpretations shall only be made by the **class authority** in agreement with the CH and are subject to the approval of the **class rules authority**. Only the CH or the M32ICA members may initiate an interpretation.

#### A.7 M32 BUILDING SPECIFICATIONS

- A.7.1 The M32 building specifications, and any amendments to these, shall be approved by the **class rules authority** in consultation with the **class authority** and the CH.

#### A.8 INTERNATIONAL CLASS FEE AND ISAF BUILDING PLAQUE

- A.8.1 The CH shall pay the International Class Fee.

- A.8.2 ISAF shall, after having received the International Class Fee for the **hull**, send the ISAF Building Plaque to the CH.

**A.9 HULL NUMBERS**

- A.9.1 **Hull** numbers shall be issued by the CH.  
A.9.2 **Hull** numbers shall be issued in consecutive order.

**A.10 CERTIFICATION**

- A.10.1 **Hulls**, structure connecting the **hulls**, **hull appendages**, **rig** and **sails** are manufacture controlled. Such parts shall have an Official M32 Class Sticker which are the class **certification marks**.  
A.10.2 After having carried out **certification control** the licensed builder shall attach an Official M32 Class Sticker to the parts indicated in Appendix X.  
A.10.3 When a component has lost the **certification mark** its owner shall apply for a new **certification mark**. The new **certification mark** shall be attached after having carried out **certification control**.  
A.10.4 **Certificates** are not issued.

**A.11 RETENTION OF CERTIFICATION DOCUMENTATION**

- A.11.1 The CH shall:  
(a) retain the original documentation upon which the current **certification marks** are based.  
(b) upon request, transfer this documentation to the new **certification authority**.

## **Section B – Boat Eligibility**

For a **boat** to be eligible for *racing*, it shall comply with the rules in this section.

**B.1 CLASS RULES AND CERTIFICATION**

- B.1.1 The **boat** shall:  
(a) be in compliance with the **class rules**.  
(b) have valid **certification marks**.

## PART II – REQUIREMENTS AND LIMITATIONS

The **crew** and the **boat** 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**. **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) RRS Appendix G1.3 (d) shall not apply. Event specific NOR may remove Appendix G requirements and include other means of identification.
- ~~(b) The ERS shall apply.~~

#### C.2 CREW

##### C.2.1 LIMITATIONS

(a)

	minimum	maximum
The total weight of the <b>crew</b> dressed in shorts		437.5kg

- (b) There shall be a maximum of 3 **crew** members on the racks at the same time.
- (d) Addition or removal of **crew** members during an event is prohibited.

#### C.3 PERSONAL EQUIPMENT

##### C.3.1 MANDATORY

- (a) All **crew** shall wear a **personal floatation device** for each **crew** member to the minimum standard ISO 12402-5 (CE 50 Newtons), or USCG Type III, or AUS PFD 1, or EN 393.
- (b) All **crew** shall carry a knife that is capable of being deployed using one hand.
- (c) The NOR for an event may specify additional mandated **personal equipment**.

**C.4 PORTABLE EQUIPMENT****C.4.1 MANDATORY**

- (a) VHF

**C.4.2 OPTIONAL**

- (a) Electronic or mechanical timing devices.
- (b) One magnetic or electronic compass.
- (c) GPS.
- (d) Mooring line.
- (e) Wind Indicators.

**C.5 BOAT****C.5.1 LICENSED BUILDER & BUILDING SPECIFICATION**

- (a) M32 **hulls**, structure connecting the **hulls, hull appendages, rig** and **sails** shall be produced in accordance with the M32 building specifications by a licensed builder authorised by the CH and ISAF.
- (b) All parts listed in Appendix X are mandatory except when stated otherwise in these **class rules**.

**C.5.2 MODIFICATIONS, MAINTENANCE AND REPAIR**

All components of an M32 shall not be altered in any way except as permitted by the following actions and listed in Appendix X:

- (a) **REPLACEMENT**: Any part listed in Appendix X may be substituted by the same part in accordance with the building specification and the Specification column. The part shall have the **certification mark** when required.
- (b) **REPAIR**: Repairs shall only be made to reestablish the component to its original condition. If in doubt as to whether the physical properties of the part have been altered substantially, an owner may seek the **class authority** or CH guidance.
- (c) **PAINTING AND POLISHING**: Painting or polishing in accordance with RRS 53 “Skin Friction” rule is permitted. This action shall not change the original shape of the delivered part.
- (d) **OTHER ACTIONS**: Any other actions shall be made only under written approval of the **class authority**. Such actions shall be included in Appendix X.
- (e) **GRAPHICS**: The application of paint, vinyl, mylar or other plastic film over the surface of the **boat** is permitted.

**C.5.3 LIMITATIONS**

Event limitations shall apply as indicated in Appendix X Limitation column, except when lost or damaged beyond repair and approved by the race committee.

- (a) **USE**

The use of equipment is limited as indicated in Appendix X Use Column.

## Section D – Platform

### D.1 PARTS

#### D.1.1 MANDATORY

- (a) Starboard **hull**
- (b) Port **hull**
- (c) Front cross beam
- (d) Rear cross beam
- (e) Trampoline

### D.2 MODIFICATIONS, MAINTENANCE AND REPAIR

The alterations contained in D.3.1. to D.3.3 may be made by CH, or by anybody after a formal request has been made to the CH and written approval is received by the owner. This shall require the manufacturer's declaration to be re-issued

#### D.2.1. MODIFICATIONS

- (a)

#### D.2.2. MAINTENANCE

- (a)

#### D.2.3. REPAIR

- (a) If any **hull** is damaged and requires repaired in any other way than described in section C the details shall be recorded on the Manufacturers declaration.

### D.3 MANUFACTURERS

The parts of section D.1.1 shall only be manufactured by CH Licensed Manufacturers.

### D.4 IDENTIFICATION

The **hull** shall carry the licensed manufacturer's serial number displayed on the transom of the starboard hull.

Items (c),(d) and (e) of section D.1.1 shall carry identification labels.

### D.5 MATERIALS, CONSTRUCTION AND DIMENSIONS

#### D.5.1 Shall comply with the ISAF approved Builders Construction Manual.

#### D.5.2 PAINT

Only **hulls** of boats which are older than 4 years can be painted. Severely damaged boats can be painted with only written permission by the CH. after sending a damage report form including pictures to: XXX

## Section E – Hull Appendages

### E.1 PARTS

#### E.1.1 MANDATORY

- (a) Starboard **Daggerboard**



- (b) Port **Daggerboard**
- (c) Starboard **Rudderblade**
- (d) Port **Rudderblade**
- (e) **Rudder** upper-casting including tiller-arm
- (f) **Rudder** lower-casting
- (g) Tiller-bar

## **E.2 MANUFACTURERS**

The parts of section E.1 shall only be manufactured by CH Licensed Manufacturers.

## **E.3 IDENTIFICATION**

The **daggerboards** and **rudder** blades of items (a), (b), (c) and (d) carry the licensed manufacturer's serial number displayed on the blade

**Rudder** castings item (e) and (f) shall carry imbedded CH logos.

Tiller bar item (g) shall carry a CH 17 identification labels.

## **E.4 MATERIALS, CONSTRUCTION AND DIMENSIONS**

Shall comply with the ISAF approved Builders Construction Manual.

# **Section F – Rig**

## **F.1 PARTS**

### **F.1.1 MANDATORY**

- (a) **Mast**
- (b) **Spreaders**
- (c) **Boom**
- (d) **Bowsprit**
- (e) Compression post
- (f)

## **F.2 MANUFACTURERS**

The parts of section F.1 shall only be manufactured by CH Licensed Manufacturers.

## **F.3 IDENTIFICATION**

The mast (a) shall carry the licensed manufacturer's serial number displayed on the mast section.

Items (b), (c), (d), (e) and (f) shall carry a CH 17 identification labels.

## **F.4 MATERIALS, CONSTRUCTION AND DIMENSIONS**

Shall comply with the ISAF approved Builders Construction Manual.

## Section G – Sails

### G.1 PARTS

#### G.1.1 MANDATORY

##### (a) Mainsail

- (i) Hard battens nr. 1, 2, 3 and 4.
- (ii) Medium (standard) batten set
- (iii) Soft battens nr. 1, 2, 3 and 4.

##### (b) Gennaker

### G.2 MANUFACTURERS

Sails of section G.1.1 shall only be manufactured by CH Licensed Manufacturers.

### G.3 IDENTIFICATION

The mainsail and gennaker shall carry the licensed manufacturer's serial number displayed on the sails.

Battens shall carry CH identification labels.

### G.4 MATERIALS, CONSTRUCTION AND DIMENSIONS

Shall comply with the ISAF approved Builders Construction Manual.

## Section G – Sails

### G.2 MAINSAIL

#### G.2.1 IDENTIFICATION

- (a) The class insignia shall conform to the dimensions and requirements as detailed in the diagram contained in Appendix A and be placed in accordance with the diagram contained in Appendix A.

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