

**MISTRAL**  
**PRODIGY ONE DESIGN**  
**CLASS RULES**  
**2006**

# PRODIGY



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## INTRODUCTION

The Mistral Prodigy One Design ( MPROD) is a sailboard designed by Boards & More GmbH.

Mistral Prodigy One Design hulls, hull appendages, and Mistral Prodigy One Design rigs and sails shall only be manufactured by licensed manufacturers. Such equipment is required to comply with the Board & More Building Specification.

A hull, a hull appendage, a rig or a sail may, after having left the licensed manufacturer, 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 not checked as part of the fundamental measurement process.

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 provides an informal background and is not part of the International Mistral Prodigy One Design class rules.

## **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.2 ABBREVIATIONS**

ISAF International Sailing Federation

MNA ISAF Member National Authority

IMCO International Mistral Class Organisation

MPROD Mistral Prodigy One Design Class

IWA International Windsurfing Association

NCA National Class Association of the MPROD

ERS Equipment Rules of Sailing

RRS Racing Rules of Sailing

#### **A.3 AUTHORITIES AND RESPONSIBILITIES**

- A.3.1 The Authority of the Class shall be IMCO Intl., which shall cooperate with the MPROD in all matters concerning these **class rules**.
- A.3.2 Racing Authority of the Class shall be ISAF.
- A.3.2 Neither ISAF nor IMCO Int nor the MPROD accept any legal responsibility in respect of these **class rules** or any claim arising therefrom.

#### **A.4 ADMINISTRATION OF THE CLASS**

- A.4.1 MPROD has delegated its administrative functions of the class to IWA. The IWA may delegate part or all of its functions, as stated in these **class rules**, to an NCA.

#### **A.5 ISAF RULES**

- A.5.1 These **class rules** shall be read in conjunction with the ERS.
- A.5.2 Except where used in headlines, when a word is printed in “**bold**” type, the definition in the ERS applies, and when a term is printed in “*italic*” type the definition in the RRS applies.

#### **A.6 CLASS RULE VARIATIONS**

- A.6.1 At Class Events – see RRS 88.1.d) – ISAF Regulation 26.5(f) applies. At all other events RRS 86 applies.

#### **A.7 AMENDMENTS TO CLASS RULES**

- A.7.1 Amendments to these **class rules** require the approval of the ISAF after adoption by a simple majority of the delegates' vote in a general meeting of the IMCO Int. Only delegates ‘in good standing’ in accordance with the IMCO Int Constitution are eligible to vote.

## A.8 INTERPRETATION OF CLASS RULES

A.8.1 Interpretations of these **class rules** shall be made by the ISAF, which in coming to its decision shall consult IMCO.

## A.9 SAIL NUMBERS

A.9.1 Sail numbers shall be issued nationally (i.e. each country issues its own numbers). If their owner's MNA has a specific numbering system, the owner shall apply to his/her MNA for a sail number, otherwise he/she shall apply for a sail number to his/her NCA.

## A.10 LICENSED MANUFACTURERS

A.10.1 MPROD equipment shall be manufactured by Boards & More GmbH or by other manufacturers appointed and licensed by Boards & More GmbH.

## A.11 COMPLIANCE WITH CLASS RULES

A.11.1 A **sailboard** ceases to comply with the **class rules** upon:

- a) the use of equipment which does not comply with the **class rules**,
- b) a change of **class rules** that causes equipment in use to cease to be permitted, except where the equipment may comply with the **class rules** in force at the time of its initial **fundamental measurement**.

## SECTION B – EQUIPMENT ELIGIBILITY

For equipment to be eligible to be used for *racing*, the rules in this section shall be complied with.

### B.1 CERTIFICATE

B.1.1 Hull **certificates** are not issued.

### B.2 EQUIPMENT INSPECTION

#### B.2.1 GENERAL

- a) For the purpose of RRS 78, **crews** are considered to be the owners.
- b) Except where other methods of inspection are specifically indicated, all inspections shall be taken in accordance with the MPROD Inspection Regulations for International Regattas and the ERS.
- c) If there is a protest concerning Inspection, or if the organising authority or the MPROD is doubtful as to the correctness of an item of equipment for which specific dimensions, weight and/or construction are not stated in these **class rules** then that item of equipment shall be considered eligible for use if it complies with the Boards & More Building Specification.

### B.3 EVENT LIMITATION MARKS

B.3.1 All items of a **crew's** equipment which are subject to control as per the scheduled on the Regatta Measurement Control 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.

### B.4 REGISTRATION

B.4.1 In accordance with the requirements of the MPROD Measurement Regulations for International Regattas or the event organising authority, **crews** shall present their **hull, hull appendages, rig(s)** and **sail(s)** as intended to be raced for **event measurement** and shall not alter the number, size or type of any item of equipment after completing the registration procedure.

## PART II – REQUIREMENTS & LIMITATIONS

The crew and his/her equipment shall comply with the rules in this Part when *racing*. Measurement to check conformity with the rules of Section C is not part of fundamental measurement.

The rules in Part II are **closed class rules**. Measurement 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 following ERS shall not apply: A.2 Certificate; B.9 Setting, Sheeting and Changing Sails.

#### C.2 CREW

C.2.1 LIMITATIONS The **crew** shall consist of one person.

##### C.2.2 MEMBERSHIP

No **crew** is permitted to race at an International Regatta unless he/she is a member of his/her NCA. If there is no NCA, then the **crew** must be a member of the MPROD or IMCO member.

##### C.2.3 DIVISIONS

###### a) Gender Divisions

- i) Men (A)
- ii) Women (B)

###### b) Age Divisions

- i) Youth (C) is a man or a woman who is less than 20 years old;
- ii) Junior (D) is a man or a woman who is less than 17 years old;
- iii) A Master (G) is a man who has turned 35 years of age and is less than 45 years of age or a woman who has turned 30 years of age and is less than 40 years of age;
- iv) A Grand Master (H) is a man who has turned 45 years of age and is less than 55 years of age or a woman who has turned 40 years of age and is less than 50 years of age;
- v) A Veteran (I) is a man who has turned 55 of age or a woman who has turned 50 years of age.
- vi) A **crew** must have reached the minimum age limit, in the relevant age division, by December 31<sup>st</sup> before the year of competition. A **crew** must not be older than the maximum age limit, in the relevant age division, by December 31<sup>st</sup> in the year of competition.

###### c) General

- i) A minimum of 5 entries is required to constitute a class or a division within a class.

#### C.3 PERSONAL EQUIPMENT

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

##### a) Optional

- i) A harness
- ii) A buoyancy vest or jacket
- iii) A container for holding beverages in accordance with RRS Appendix B.2.1(b)

b) **Mandatory**

i) Clothing not weighing more than 4 kg when weighed in accordance with RRS Appendix H.

**C.4 PORTABLE EQUIPMENT**

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

C.4.2 a) **Optional**

i) A towrope of minimum length 5 m and a thickness of 5 mm may be carried by the **crew**.

**C.5 ADVERTISING**

C.5.1 Only such advertising as permitted by ISAF Regulation 20 -ISAF Advertising Code, Category C shall be displayed.

**C.6 HULL**

C.6.1 LIMITATIONS

- a) Only one **hull** shall be used during an event, except when lost or damaged beyond repair. Such replacements may be made only with the approval of the jury. The jury shall then cause to have an **event limitation mark** attached to the replacing **hull** and to have removed or defaced any **event limitation mark** attached to the replaced **hull**.
- b) A minimum of 6 and a maximum of 10 footstraps shall be fitted to the existing inserts using any stainless steel screws and round washers with a maximum diameter of 17mm. Footstraps shall be fitted with at least one screw at each end.

C.6.2 HULL WEIGHT

- a) The weight of the **hull** including mast track complete, centreboard cassette, shimming material (if used), gasket assembly and gaskets shall not be less than 15 kgs.
- b) Any **corrector weights** shall be securely fixed in a position that ensures the centre of gravity of the **hull** complies with the licensed manufacturers specifications.
- c) The **hull** may be weighed wet after a minimum of 10 minutes draining standing vertically on its aft edge.

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.
- c) The **hull** may be painted in the area of a repair provided the serial number remains legible.
- d) The deck grip may be restored to its original condition with a clear coating provided that the original deck graphics can be clearly seen.
- e) Footstraps may be cut and taped and extra holes may be made.
- f) The mast track pedal may be locked and the recessed area aft of the pedal may be filled.
- g) A lubricant may be used on the mast track assembly and the gaskets
- h) The white stopper at the bottom of the forward end of the **centreboard** cassette shall be permanently fixed in place.
- i) The **centreboard** cassette may be shimmed although the shimming material shall not be fixed to the **hull** shell.
- j) No more than two pieces of foam may be used in the aft half of the **centreboard** well to reduce movement. Each piece shall be no more than 100 mm in dimension in any direction.
- k) A strap produced by a licensed manufacturer may be fitted over the **centreboard** well to prevent over-rotation.

- l) A mast foot protector of the **crew's** choice may be fitted.

## C.7 HULL APPENDAGES

### C.7.1 LIMITATIONS

Only one **centreboard** and one **fin** shall be used during an event, except when lost or damaged beyond repair. Such replacements may be made only with the approval of the jury. The jury shall then cause to have an **event limitation mark** attached to the replacing **hull appendage** and to have removed or defaced any **event limitation mark** attached to the replaced **hull appendage**.

### 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) The sides of the **fin** may be shimmed within the **fin** box to reduce **fin** movement.

## C.8 RIGS

### C.8.1 LIMITATIONS

Only **rigs** supplied with the Mistral Prodigy, may be used during an event except when an item has been lost or damaged beyond repair. Such item may only be replaced with the same type of item and with the approval of the jury. The jury shall then cause to have an **event limitation mark** attached to the replacing item and to have removed or defaced any **event limitation mark** attached to a replaced item.

### 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) The **mast spar** shall be lengthened using an extension.
- d) The **mast spar** extension may be shimmed with any self adhesive tape.
- e) The **mast** spigot may be shimmed.
- f) Any uphaul of the **crew's** choice shall be fitted.
- g) A safety line or device to secure the **rig** to the **hull** may be fitted.
- h) Any adjustable downhaul of the **crew's** choice may be used.
- i) Any adjustable outhaul of the **crew's** choice may be used
- j) The surface of the **boom spar** grip may be roughened using abrasive material.
- k) The boom spar may be lengthened by using extensions produced by a licensed manufacturer.
- l) Any harness lines of the crew's choice may be used.

## C.9 SAILS

### C.9.1 LIMITATIONS

- a) Only **sails** supplied with a Mistral Prodigy<sub>2</sub> sailboard package may be used.
- b) Only two **sails** of different size – 8.5 m<sub>2</sub> and 7.5 m<sub>2</sub> may be used during a Mistral Prodigy One Design event. When a **sail** has been lost or damaged beyond repair it can be replaced. Such

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replacement may then be made only with a **sail** of the same type and size and with the approval of the jury. The jury shall then cause to have an **event limitation mark** attached to the replacing **sail** and to have removed or defaced any **event limitation mark** attached to the replaced **sail**.

### C.9.2 SAIL IDENTIFICATION

#### a) **National Letters and Numbers**

The national letters and sail number shall be black in colour and applied “back to back” on an opaque white background to the **sail** immediately above batten 4 and as close to the **leech** as possible. The opaque background shall extend a minimum of 40 mm beyond the national letters and sail number. In all other respects they shall comply with RRS Appendix G 1.2 for craft less than 3.5 m in length.

#### b) **Division Identification**

At events where the organising authority specifies the use of identification of division, the required identification shall be displayed on the **sail** above the class insignia. The minimum height of the display shall be 230 mm.

### 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) Transparent self-adhesive mono-film patches may be attached to the **sail** adjacent to the **boom spar**.
- d) A lubricant may be used on the camber inducers.
- e) Telltales may be used.

## SECTION D – HULL

### D.1 GENERAL

#### D.1.1 MANUFACTURERS

- a) The MPROD **hull** and fittings shall be produced only by a licensed manufacturer.
- b) The MPROD **hull** shall be produced only by using moulds in the possession of Cobra International, Thailand.

#### D.1.2 DEFINITIONS

##### **Hull Datum Point**

The point on the **hull** centreplane at the intersection of the underside of the shell and the transom, each extended as necessary.

#### D.1.3 IDENTIFICATION

The MPROD **hull** shall carry the serial number issued by the licensed manufacturer in a legible condition.

### D.2 MATERIALS, CONSTRUCTION AND DIMENSIONS

Shall comply with Boards & More Building Specifications.

### D.3 FITTINGS

- a) mast track complete
- b) centreboard cassette
- c) fin box

- d) gasket assembly
- e) gaskets
- f) towing eye
- g) footstrap fixing inserts
- h) footstraps

## **Section E – Hull Appendages**

### **E.1 GENERAL**

**Hull appendages** shall be produced only by a licensed manufacturer.

**Fin:** A stock fin supplied with the Mistral Prodigy sailboard shall be used. Either a “starter” or a “comp” version and shall not exceed **57** centimeters in length.

**Centerboard:** A stock centerboard supplied with the Mistral Prodigy sailboard shall be used.

### **E.2 MATERIALS, CONSTRUCTION AND DIMENSIONS**

Shall comply with Boards & More Building Specifications

## **SECTION F – RIGS**

### **F.1 GENERAL**

Masts and booms shall be produced only by a licensed manufacturer.

### **F.2 MATERIALS, CONSTRUCTION AND DIMENSIONS**

Shall comply with Boards & More Building Specifications.

### **F.3 FITTINGS**

Any type of universal joint, mast extension and mast base may be used

## **SECTION G – SAILS**

### **G.1 GENERAL**

#### **G 1.1 MANUFACTURERS**

MPROD **sails** and fittings shall be manufactured by a licensed manufacturer.

### **G.2 MATERIALS, CONSTRUCTION AND DIMENSIONS**

Shall comply with Boards & More Building Specifications

### **G.3 FITTINGS**

- a) Battens
- b) Camber inducers

## **SECTION H – MPROD INTERNATIONAL REGATTA RULES**

**H.1 GENERAL**

2006 TECHNO, MOD, MJOD & RACEBOARD CLASS CHAMPIONSHIP RULES will apply.

**PART III – APPENDICES**

The rules in Part III are **closed class rules**. Equipment Inspection shall be carried out in accordance with the ERS except where varied in this Part.

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