

IFDS Measurement Regulations

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Abbreviations

CM	Chief Measurer
ERS	Equipment Rules of Sailing (of ISAF)
IACA	International Access Class Association
IFDS	International Association for Disabled Sailing
ISAF	International Sailing Federation
ISCA	International Sonar Class Association
MNA	Member National Authority (of ISAF)
NoR	Notice of Race
OCOG	Organising Committee for the Olympic (and Paralympic) Games
PFD	Personal Flotation Device
RNA	Recognised National Authority (of IFDS)
RRS	ISAF Racing Rules of Sailing
SI(s)	Sailing Instruction(s)
TD	Technical Delegate

Interpretation and definitions

Adaptations	The term 'adaptations' refers to equipment and/or modifications to assist a disabled sailor.
Adaptations Committee	The Adaptations Committee of the Event shall consist of the Chief Classifier or his/her nominee, Technical Delegate or his/her nominee, and a member of the IFDS Technical Committee or its nominee. In the event that the Adaptations Committee is not appointed or ceases to function as a committee, the powers of the Adaptations Committee shall vest in the Classification Committee.
Chief Classifier	The term 'Chief Classifier' refers to the Chief Classifier of the Event
Chief Measurer	The term 'Chief Measurer' refers to the Chief Measurer of the Event
Classification Committee	The term 'Classification Committee' refers to the Classification Committee of the Event . In the event that a Classification Committee is not appointed or ceases to function as a committee, the powers of the Classification Committee shall vest in the Organising Committee which shall take advice from IFDS
Measurement Committee	The term 'Measurement Committee' refers to the Measurement Committee of the Event . In the event that a Measurement Committee is not appointed or ceases to function as a committee, the powers of the Measurement Committee shall vest in the Organising Committee which shall take advice from IFDS.
Decal	The term 'Decal' refers to any logo, flag, image, code, number, name or the like that regatta organisers might require to be attached to equipment.
Equipment	The term 'Equipment' refers to hull(s), rudder(s), keel/centreboard, spars, rigging, sails, adaptations, instruments, safety/personal items/equipment, clothing, certification, PFDs and the like. The Measurement Committee and its nominee(s) shall have the power to include or exclude any equipment, except an adaptation, from this definition.
Equipment Inspector	The term 'Equipment Inspector' is not used in this edition - because relevant documents for the 2008 Paralympic Regatta (including the NoR) refer to 'Measurer'. The term 'Equipment Inspector' shall be used in subsequent editions.
Event	An 'Event' is a Paralympic Regatta, World Championship, International Championship or other sailing competition for which Event organisers choose to adopt these Regulations.
Team Leader	The term 'Team Leader' refers to a skipper, helmsperson, coach, or other person in authority who has responsibility for a boat's entry in an Event.
Technical Delegate	The term 'Technical Delegate' refers to the Technical Delegate of the Event . In the absence or incapacity of the TD, the powers of the TD shall vest with the Organising Committee which shall take advice from IFDS.

Introduction

The 2008 Olympic and Paralympic Regattas will be organised by the Sailing Subcommittee Qingdao (SSCQD) of the Beijing Organising Committee of the Olympic Games (BOCOG). Following receipt of a set of measurement regulations for the Olympic Regatta, SSCQD asked IFDS Technical Delegates (TDs) to prepare a similar document for the Paralympic Regatta. Rather than prepare a document that relates to only one event, the TDs decided to prepare a generic document that can be used at **any** regatta (with the omission of certain paragraphs) This is that document. It has currency for the 2008 Paralympic Regatta and is submitted to IFDS in the expectation that the Technical Committee might use it as the basis for something more definitive.

1. General Requirements

- 1.1 Where these measurement regulations are adopted for an Event, all Equipment entered in the Event shall be measured for compliance with Class Rules, Notice of Race, Sailing Instructions and the ISAF Equipment Rules of Sailing. In the case of conflict between any of the foregoing, the decision of the Measurement Committee or its nominee(s) shall prevail.
- 1.2 For Level 1 and Level 2 Events, IFDS shall appoint a Technical Delegate and a Chief Measurer.
- 1.3 The Organising Committee shall appoint a Measurement Committee. The Chief Measurer shall chair the Measurement Committee which shall be the ultimate authority for
 - Interpreting Class Rules and these measurement regulations for the Event, and
 - Determining whether any item, apart from an adaptation, be used at the Event.
- 1.4 The Measurement Committee shall have the right to change these measurement regulations at any Event for which it has authority to so do. Such changes will be posted on the official notice board.
- 1.5 Athletes are reminded that, in accordance with RRS 78.1, they are responsible for ensuring that Equipment complies with Class Rules and that measurement certificates are current and valid (For the purpose of RRS 78.1, the athlete is considered to be the boat owner).

2. Measurement

- 2.1 Date(s) of measurement shall be published before the Event. Such date(s), however, may be changed by the Measurement Committee. Change of published date(s) shall be posted on the official notice board.
- 2.2 Time(s) for measurement shall be published at the Event. Such time(s), however, may be changed by the Measurement Committee. Change of published time(s) shall be posted on the official notice board.

- 2.3 Before 15:00 on the day before measurement starts, the Chief Measurer shall post, on the official notice board, a schedule which Athletes will complete to indicate the time at which they wish their Equipment to be measured. The Chief Measurer shall have the power to change the schedule in order to comply with a contingency.
- 2.4 Clean, dry, solute¹-free Equipment shall be presented for measurement at the required time. Any Equipment that fails to satisfy the Measurement Committee or its nominee(s) may be
- Refused inspection, and/or
 - Impounded by the Measurement Committee for up to 48 hours from time of presentation.
- 2.5 Photocopies of original documents shall not be accepted unless they bear an original stamp of the issuing authority and the signature of an authorised representative of that authority. The Measurement Committee and its nominee(s) shall have the power to retain certification until the end of the Event. This power shall not be unreasonably exercised beyond the end of the time allocated for measurement.
- 2.6 PFDs shall be in good condition and shall comply with specifications approved by
- An MNA,
 - An RNA,
 - A state or national standards organisation, or
 - A state or national certification authority.
- This regulation (2.6) shall not be unreasonably enforced in the case of a very severely disabled person for whom, in the opinion of the Measurement Committee in consultation with the TD and Chief Classifier (if appointed), the wearing of a conventional PFD would result in diminished safety. Responsibility for the effectiveness of a PFD used by a very severely disabled person shall be born by the wearer. Responsibility for not wearing a PFD shall be born by the very severely disabled person.
- 2.7 Except where insufficient staff/volunteers are available to assist with measurement, only the following may be present during measurement without the permission of the Measurement Committee or its nominee(s):
- Team Leader, crew or nominee(s) and (but only if necessary),
 - Interpreter and/or communication facilitator.
- At measurement, one of the above must be authorised to
- Remedy any contravention of Class Rules, or
 - Withdraw the boat from the Event.
- 2.8 When Equipment is found to contravene Class Rules, the Measurement Committee or its nominee(s) shall
- Declare the relevant boat unfit to compete,
 - Write a brief report, and
 - Hand a copy of the report to the Team Leader, crew or nominee.

¹ Salt, glue, caulking *etc.*

- If, at a time convenient to the Measurement Committee or its nominee(s), the Equipment is (re)measured and found to comply with Class Rules, the boat may race but it may not seek redress.
- 2.9 Should the Measurement Committee or its nominee(s) form the opinion that Equipment was submitted for measurement in the knowledge that it was unlikely to comply with Class Rules, NoR or SIs, then the Measurement Committee shall cause a written report to be submitted to the Jury, which body shall initiate a hearing.
- 2.10 No repair, modification, adjustment, disassembly, removal, addition, alteration or the like shall be made to Equipment at or near the measurement area without the permission of the Measurement Committee or its nominee(s).
- 2.11 Equipment shall be certified and marked as required by Class Rules. When specified in the Class Rules, sails shall have undergone measurement prior to the Event and shall have been certified as compliant with Class Rules.
- 2.12 In Paralympic Events, **mainsails** presented for measurement shall bear the usual manufacturer's label and class insignia (provided that they comply with OCOG requirements) but shall be free of Decals. Paralympic Event organisers shall have the power to supply Decals and cause them to be applied to mainsails.
- 2.13 In Paralympic Events, **equipment** (excluding mainsails for which see above) presented for measurement may bear the manufacturer's affixation provided it does not exceed the size and type usually affixed by the manufacturer and complies with OCOG requirements, but may **not** bear any other affixation or the like including logo, flag, insignia, lettering, number and image. Paralympic Event organisers shall have the power to require that Decals be affixed to Equipment. The failure of any supplied item or effect on performance of the item shall not be grounds for redress.
- 2.14 Equipment subject to measurement may be marked with one or more stamps, stickers or the like. Other equipment may not be substituted for marked equipment without the prior approval of the Measurement Committee or its nominee(s). If a mark is lost or becomes effaced, insecure or the like, the Team Leader or his/her nominee shall report the matter to the Measurement Committee or its nominee(s) so that the mark may be replaced before the next race. This requirement shall not be unreasonably enforced when races are back-to-back.
- 2.13 Decals supplied by Event organisers shall not be applied to hulls unless the Measurement Committee or its nominee(s) are satisfied that the boat meets requirements.
- 2.14 At the end of the measurement period, the Measurement Committee or its nominee(s) will report to the Organising Committee the numbers and nationalities of boats that have passed measurement. Such boats will be permitted to race.

3. After Measurement

3.1 After measurement, Equipment

- Shall not be removed from the venue, and
- Shall not be altered

without the written permission of the Measurement Committee or its nominee(s). Breach of this regulation may lead to disqualification. This regulation (3.1) ceases to have effect after the presentation of prizes except where the Measurement Committee or its nominee(s) form the opinion that Equipment should be inspected.

3.2 After Equipment has been measured, athletes wishing to make repairs shall apply in writing to the Measurement Committee or its nominee(s). If permission for repairs is granted, the Measurement Committee or its nominee(s) will arrange a time for repairs to be inspected.

3.3 Applications for substitution of Equipment shall be made by way of written memo or completed form. If the latter, the Measurement Committee or its nominee(s) shall ensure that forms are available from the Race Office. Substitution will be approved only if Equipment

- Is severely damaged,
- Was not deliberately damaged, and
- Can not be satisfactorily repaired.

Applications for substitution of Equipment may be made at any reasonable time. For at least 30 minutes after the expiry of the protest time limit, at least one member or nominee of the Committee shall be available at the Race Office or Measurement Area to receive applications for substitution of Equipment

3.4 If Equipment is lost or damaged during or immediately prior to a race, it may be repaired or substituted provided that notification of replacement/repair is made to the Measurement Committee or its nominee(s) at the earliest practical opportunity. Any Equipment repaired or substituted under this provision shall, immediately upon coming ashore after racing for the day, be submitted to the Measurement Committee or its nominee(s) for inspection. Should the Measurement Committee or its nominee(s) form the opinion that the Equipment could have been used in the race or had been purposely damaged or lost, the Measurement Committee may protest under RRS 2.

4. During the Event

4.1 A boat may be inspected at any time during an Event.

4.2 When directed to do so, a boat shall return directly to an area designated for inspection by the Measurement Committee where it shall be inspected as soon as practical. With respect to a boat in the designated area, the following are forbidden without the permission of the Measurement Committee or its nominee(s).

- Approach by any person,
- Removal of any item from the boat, and
- Addition of any item to the boat.

- 4.3 During inspection after return to the designated area, one member or representative of the crew shall remain with the boat for as long as directed by the Measurement Committee or its nominee(s). This provision will not be unreasonably enforced in the case of a disabled sailor who experiences physical discomfort (*e.g.* hypothermia, autonomic dysreflexia) while waiting for inspection. The Measurement Committee or its nominee(s) may require the boat to be impounded in order to dry before its weight is checked. All instructions given by the Measurement Committee or its nominee(s) with respect to an impounded boat shall be obeyed.
- 4.4 If any part of the boat does not comply with Class Rules, or if the Measurement Committee or its nominee(s) form the opinion that an item of Equipment has been altered, repaired or replaced without prior approval, the Measurement Committee or its nominee(s) shall submit a report to the Jury within two hours of the end of inspection, or as soon as practical.

Appendix A

Boat-specific regulations

International 2.4mR

Stefan Ryott, International Measurer

Each athlete or his/her nominee shall present him/herself with Equipment at the place indicated in the schedule on the official notice board. The schedule shall indicate the order in which Equipment shall be measured.

Measurement of 2.4mRs shall occur at a series of stations through which Equipment shall proceed in strict sequence. Stations may be combined at the discretion of the Measurement Committee or its nominee(s).

International 2.4mRs shall comply with relevant rules of the International 2.4mR Class Association. Attention is drawn to Appendix K.

Clean, dry, disassembled boats shall be presented.

1. HULL STATION

Each hull (free of rig, sails and keel lead) shall be presented for assessment of **Dimensional Compliance, Template Compliance, and Hull Tip Weight**.

2. LEAD WEIGHING STATION

Keel lead shall be presented for assessment of **Ballast Weight**.

3. RIG STATION

Each mast shall be presented for assessment of **Total Mast Weight and Mast Tip Weight**.

4. BOAT WEIGHING STATION

Each boat shall be reassembled and presented ready-to-sail with keel lead, full rig (one set of sails) and full racing equipment (pump, battery, seat *etc.*) for assessment of **Total Weight**.

5. SAFETY STATION

Equipment shall be inspected for **Safety Compliance**.

6. SAIL STATION

Sails shall be presented for assessment of **Sail Compliance**. Sails presented in an inappropriate state shall be dispatched to the **Cleaning Station** where they shall be cleaned, dried and/or stripped of unauthorized decals. No more than two mainsails and three jibs may be certified for any one boat.

7. DECAL STATION

Where required, hulls and sails shall be presented for **Attachment of Decals**. Hulls presented in an inappropriate state shall be dispatched to the **Cleaning Station** where they shall be cleaned, dried and/or stripped of unauthorized decals. No more than two mainsails may be presented. Decals shall be attached to sails in accordance with *DAM – Decal Attachment to Mainsails at Disabled Sailing Championships and Paralympic regattas (2008)*, IFDS.

5. TANK STATION

At the direction of the Executive Committee of IFDS, any or all boats shall be tested for **Compliance with Makers' Marks**.

6. SINK STATION

Regardless of whether or not it is the subject of a valid flotation certificate, each boat shall, at the sole discretion of the Measurement Committee or its nominee(s), be presented for assessment of **Buoyancy**. Each such boat, ready to sail but without sails, will be floated, loaded with an extra 35 kg of lead, and filled with water.

Appendix B

Boat-specific regulations

SKUD 18

Gene Hinkel, Measurer

Athletes or their nominee(s) shall present themselves with Equipment at the place indicated in the schedule on the official notice board. The schedule shall indicate the order in which Equipment shall be measured.

Measurement of SKUDs shall occur at a series of stations through which Equipment shall proceed in strict sequence. Stations may be combined at the discretion of the Measurement Committee or its nominee(s).

SKUDs shall comply with relevant rules of the IACA. When interpreting the class rules, the Measurement Committee or its nominee(s) shall take direction from the Technical Officer of the SKUD Class Measurement Committee or his/her nominee.

Clean, dry, unrigged boats shall be presented.

1. WEIGHING STATION

Each boat, without sails, shall be presented for assessment of **Boat Weight**.

2 HULL & APPENDAGE STATION

Each hull, complete with centreboard and rudders, shall be presented for assessment of **Dimensional Compliance**.

3. RIG STATION

Each mast shall be presented for assessment of **Rig Compliance**.

4. EQUIPMENT STATION

Seats shall be presented for assessment of **Seating Compliance**.

5. SAFETY STATION

Safety equipment shall be presented for assessment of **Safety Compliance**.

6. SAIL STATION

Clean, dry, solute-free sails shall be presented for assessment of **Sail Compliance**. Sails presented in an inappropriate state shall be dispatched to the **Cleaning Station** where they shall be cleaned, dried and/or stripped of unauthorized decals. No more than two mainsails, two jibs and two spinnakers may be certified for any one boat

6. DECAL STATION

Where required, hulls and sails shall be presented for **Attachment of Decals**. Hulls presented in an inappropriate state shall be dispatched to the **Cleaning Station** where they shall be cleaned, dried and/or stripped of unauthorized decals. No more than two mainsails may be presented. Decals shall be attached to sails in accordance with *DAM – Decal Attachment to Mainsails at Disabled Sailing Championships and Paralympic regattas* (2008), IFDS.

Appendix C

Boat-specific regulations

Sonar

Gene Hinkel, International Measurer

Athletes or their nominee(s) shall present themselves with Equipment at the place indicated in the schedule on the official notice board. The schedule shall indicate the order in which Equipment shall be measured.

Measurement of Sonars shall occur at a series of stations through which Equipment shall proceed in strict sequence. Stations may be combined at the discretion of the Measurement Committee or its nominee(s).

Sonars shall comply with relevant rules of the ISCA. Attention is drawn to Appendix B.

Clean, dry, unrigged boats shall be presented.

1. HULL STATION

Each boat shall be presented for assessment of **Hull Certification, Dimensional Compliance** and **Template Compliance**.

2. EQUIPMENT STATION

Equipment and fittings shall be presented for assessment of **Equipment Compliance**.

3. SAFETY STATION

Safety equipment shall be presented for assessment of **Safety Compliance**.

4. RIG STATION

Rig shall be presented for assessment of **Rig Compliance** and **Mast Weight**.

5. SAIL STATION

Sails shall be presented for assessment of **Sail Compliance**. Sails presented in an inappropriate state shall be dispatched to the **Sail Cleaning Station** where they shall be cleaned, dried and/or stripped of unauthorized decals. No more than one mainsail and two jibs may be certified for any one crew.

6. DECAL STATION

Where required, hulls and sails shall be presented for **Attachment of Decals**. Hulls presented in an inappropriate state shall be dispatched to the **Cleaning Station** where they shall be cleaned, dried and/or stripped of unauthorized decals. No more than two mainsails may be presented. Decals shall be attached to sails in accordance with *DAM – Decal Attachment to Mainsails at Disabled Sailing Championships and Paralympic regattas* (2008), IFDS.

7. WEIGHING STATION

Each boat shall be fully rigged and presented for assessment of **Boat Weight**.