

London 2012 Olympic Sailing competition

Equipment Inspection Regulations

1. General requirements

- 1.1. All boats and equipment entered for the London 2012 Olympic Sailing competition may be inspected at any time for compliance with the relevant rules including Class Rules and these Equipment Inspection Regulations (EIR), defined collectively as the Event Equipment Rules.
- 1.2. The Equipment Inspection Committee (EIC) shall be the final authority for interpreting the Class Rules during the Sailing competition, and for determining if equipment complies with the Event Equipment Rules.
- 1.3. Any changes to these EIR will be approved and posted on the Official Noticeboard in accordance with the provisions governing the posting of changes to the Sailing Instructions (SIs).
- 1.4. Athletes are reminded that, in accordance with RRS 78.1, they are responsible for ensuring that their boat is maintained in accordance with the Class Rules and that the measurement certificate remains valid.
- 1.5. Equipment may be inspected at any time for compliance with the Event Equipment Rules. When instructed by an Equipment Inspector, a boat shall proceed as requested to a designated area for inspection.
- 1.6. A boat representative shall be present at all times during equipment inspection. A boat representative is defined as a member of the boat's crew, a team leader or nominated delegate. An interpreter may also be present if approved by the Equipment Inspector.
- 1.7. After an Organising Authority supplied boat or equipment has been issued, it shall remain in the Sailing Venue or the Competition Areas but shall not be taken to the container park, except with the written permission of the EIC.
- 1.8. After an athlete supplied boat or equipment has passed through equipment inspection, it shall remain in the Sailing Venue or the Competition Areas, except with the written permission of the EIC.

2. Pre-race equipment inspection

- 2.1. Pre-race equipment inspection for an Event will take place in accordance with the competition schedule in the Notice of Race. It shall be completed by 18:00 on the day before the first race for that Event, unless extended by the EIC.
- 2.2. The dates and times of equipment inspection will be published in accordance with the Notice of Race. Any schedule updates authorised by the EIC will be published on the Official Noticeboard. Boats and equipment shall be presented as outlined below at the designated time in accordance with the boat-specific information sections of the EIR.
- 2.3. When submitted for equipment inspection, a boat and its equipment shall comply with the Event Equipment Rules.

- 2.4. All boats shall be presented for inspection with the full equipment, including sails, personal flotation device(s) and personal equipment. Personal flotation device(s) shall comply with the specific Class Rules. Where not specified in the Class Rules, personal flotation shall provide 50 Newtons of buoyancy or be in compliance with EN 393 or ISO 12402-5, level 50 or an equivalent. Personal flotation that relies on inflation devices to achieve buoyancy is not accepted.
- 2.5. 470s, Finns and Stars shall be presented for equipment inspection with their valid certification documents. These shall be retained by the EIC for the duration of the Sailing competition. If any document is a photocopy, its authenticity shall be confirmed with an original stamp and signature from the issuing authority or by a scanned document emailed from the issuing authority directly to the Organising Authority.
- 2.6. Boats and equipment shall be presented for equipment inspection in a dry, clean and salt-free condition. Any item that is not in a condition to the satisfaction of the Equipment Inspector may be impounded by the EIC for up to 48 hours prior to the boat or its equipment being re-examined before the end of pre-race Equipment Inspection for that Event.
- 2.7. Only the boat's crew, one other boat representative and, if approved, an interpreter may be present during the boat's equipment inspection. At least one of these persons shall be authorised to remedy any deviations from the rules or to withdraw the boat from the competition.
- 2.8. Only one hull shall be presented for equipment inspection by an entry in each Event. However, the EIC may permit the substitution of the first hull in the following cases:
 - a hull that fails in a serious matter like shape or construction that is proven to not be the fault of the athlete(s) or their team; or
 - a hull which is too light and which cannot be made to comply with the Class Rules.
- 2.9. When equipment does not comply with the Event Equipment Rules, the EIC shall make a report and give a copy of this report to the boat's representative. The boat may then be resubmitted for inspection. If a boat or equipment cannot be corrected to comply with the Event Equipment Rules, that boat or equipment shall not be used in the Sailing competition.
- 2.10. Unless authorised by the EIC through an application as set out in Paragraph 3 of the EIR, repairs or alterations to boats or equipment shall not be made in the equipment inspection areas.
- 2.11. All equipment shall be certified and marked as required by the Class Rules. When specified in the relevant Class Rules, all sails shall be certified as required by the Class Rules before being presented for equipment inspection.
- 2.12. All mainsails and jibs (where applicable) shall be presented in accordance with Paragraph 3 of the Notice of Race.

- 2.13. All items of equipment subject to competition limitation control will be marked with the official Sailing competition stamp or sticker. Some items may receive two control marks, one in a readily visible position when afloat, and a second in a position protected from wear and tear. If a mark becomes unclear, insecure or lost, this shall be reported to the EIC so that the mark may be replaced before the next race or at the first reasonable opportunity.
- 2.14. The EIC will report to the Race Committee the boats that have satisfactorily completed pre-race equipment inspection.

3. Repair and replacement of boats and equipment

- 3.1. Applications for alterations, repairs or replacement shall be made on the forms available from the Sport Information Desk or the Jury office reception and shall be submitted when completed to the Jury office reception.
- 3.2. Alterations: after boats or equipment have completed equipment inspection, no alterations shall be made without the written approval of the EIC.
- 3.3. Repairs: athletes wishing to make repairs to boats or equipment after they have passed through equipment inspection shall make an application to the EIC. If approved, the EIC will arrange a time for such repairs to be inspected.
- 3.4. Replacement process: requests for replacements with equipment that has not been inspected for use by that athlete at the Event shall be made to the EIC at the first reasonable opportunity. All replacement equipment shall be inspected in accordance with the Event Equipment Rules. In addition, for replacements afloat, athletes shall notify an Equipment Inspector or the Race Committee before racing. The replaced item will be subject to inspection after the race for the EIC to confirm that the item had not been useable.
- 3.5. Replacement approval: approval will only be given if the equipment is severely damaged, was not deliberately mistreated, damaged or lost by the athlete or any associated person, and cannot be repaired satisfactorily in the time available. All replacement equipment shall have been certified in accordance with the Class Rules before use.

4. Equipment control during the Sailing competition

- 4.1. After any race, a boat may be informed by an EIC representative that it has been selected for post-race inspection. When hailed, the boat shall return directly to the designated area at the Sailing Venue.
- 4.2. When a boat has been selected for post-race inspection, no person shall join or leave the boat without permission from the EIC. No equipment or other item shall be taken on or off the boat without permission from the EIC. The notified crew shall not leave the equipment inspection area without the permission of the EIC. After inspection of the crew clothing and equipment, at least one boat representative shall remain present during the inspection of the boat. The EIC may require the boat to be impounded in order to dry out before its weight is checked.

5. Medal Race quarantine procedures

- 5.1. On completion of the opening series, the boats assigned to compete in the Medal Race for each Event will be quarantined and subject to equipment inspection.
- 5.2. Boats will be held in a Quarantine Area as follows:
 - Finn Boat Park Quarantine Area
 - Star Pontoon Quarantine Area
 - Laser Boat Park Quarantine Area
 - Laser Radial Boat Park Quarantine Area
 - RS:X men RS:X tent
 - RS:X women RS:X tent
 - 49er Boat Park Quarantine Area
 - 470 men Boat Park Quarantine Area
 - 470 women Boat Park Quarantine Area
- 5.3. The locations of the Quarantine Areas will be posted on the Official Noticeboard at the start of the Sailing competition.
- 5.4. If more than one fleet is quarantined in the Boat Park at the same time, the location for each fleet will be posted on the Official Noticeboard by 16:00 on the day before the Medal Race.
- 5.5. For the duration of the quarantine period, sails and other controlled equipment shall either be kept with the boat or stored in the equipment inspection area.
- 5.6. Assigned boats and their equipment shall be placed in the Quarantine Area no later than 18:00 on the day before the Medal Race except:
 - if racing is held on that day, 30 minutes after the expiry of the protest time limit for that Event;
 - two hours after racing has been abandoned, if this is later than 18:00; or
 - if assignment is subject to protest or redress, as soon as practicable after her assignment to the Medal Race is confirmed.
- 5.7. If a boat or equipment needs repairs that necessitate its removal from the Quarantine Area, a request for approval may be made in writing to the EIC. Such approval may be subject to restrictions.
- 5.8. On the scheduled day of the Medal Race, boats shall be ready for equipment inspection no less than three hours before the scheduled start time of their race, unless otherwise instructed by the EIC. This includes boats that may qualify for the Medal Race following a protest or request for redress.
- 5.9. The Equipment Inspector shall notify the Race Committee when all boats have been inspected. Boats shall not leave the Quarantine Area until signalled by the Race Committee.

Boat-specific information

6. Men's and women's One-Person Dinghy – Laser and Laser Radial

- 6.1. Lasers and Laser Radials will be allocated by a draw in accordance with Paragraph 14 of the Notice of Race.
- 6.2. Competition Lasers and Laser Radials will be supplied with the equipment listed below by the Organising Authority for use during the Sailing competition:
- hull, with bailer fixed;
 - centreboard, complete with stopper (holes for a rope handle may be drilled by Organising Authority representatives on request);
 - rudder;
 - lower mast and top mast;
 - boom, complete with all fittings attached;
 - sail, complete with three-letter NOC code, look of the Games and battens;
 - padded toe straps, shock cord and toe-strap line, fitted;
 - mainsheet side cleats;
 - deck block fitting without blocks;
 - deck cleat base with two cleats; and
 - launching trolley.
- 6.3. Only the Organising Authority supplied and identified equipment listed in EIR 6.2 shall be used during the Sailing competition unless listed in EIR 6.4 or otherwise permitted by the Class Rules.
- 6.4. The following equipment, control lines and control line blocks may be supplied by athletes provided they conform to the Class Rules:
- control lines and control line blocks;
 - mainsheet block spring, ball, plastic tube or tape (If required);
 - boom vang and traveller blocks;
 - tiller and tiller extension;
 - centreboard rope handle; and
 - toe-strap shock cord and line.

These items will be subject to inspection and identification at equipment inspection.

- 6.5. Athletes shall report any loss or damage of supplied equipment to the Laser Class Equipment Inspector as soon as possible through the process defined in 3.1. Repairs shall only be carried out by Organising Authority representatives.
- 6.6. No alterations shall be made to any part of the boat, its equipment, spars or fittings, or fittings removed, even if subsequently replaced, without the written approval of the EIC, except for those fittings and items of equipment defined in EIR 6.4 that athletes may bring and use.

- 6.7. Hull, sail, mast and boom, centreboard and rudder may be washed with soap and water only and wiped down manually. No reshaping or sanding of the centreboard, rudder or any portion of the hull is permitted. This amends class rules 11(a), 14(b) and 15(a).
- 6.8. Athletes may adjust the centreboard friction pad and use adhesive tape according to the Class Rules.
- 6.9. Wind indicators, a timepiece (clock), a compass and containers for food and drink may be carried on board in accordance with the Class Rules. These items may only be attached to the boat with rope, shock cord or adhesive tape. Tell-tales may be fitted to the sail provided that they do not pierce or permanently mark the sail. No other additional fittings will be permitted without prior approval from the EIC. Personal flotation devices shall be presented.
- 6.10. The following Class Rules shall not apply: Part One: Hull Identification.
- 6.11. On completion of the Sailing competition, all equipment supplied to athletes shall be returned to the Organising Authority in accordance with instructions that will be posted on the Official Noticeboard.

7. Men's and women's Windsurfer – RS:X

- 7.1. RS:X windsurfers will be allocated by a draw in accordance with Paragraph 14 of the Notice of Race.
- 7.2. RS:X windsurfers will be supplied with the equipment listed below by the Organising Authority for use during the Sailing competition:
 - hull, centreboard, fin, centreboard cover;
 - lower mast, top mast and mast extension;
 - boom including fittings;
 - sail complete with three-letter NOC code, look of the Games, battens and camber inducers; and
 - nine toe straps.
- 7.3. Only the Organising Authority supplied and identified equipment listed in EIR 7.2 shall be used during the Sailing competition unless listed in EIR 7.4 or otherwise permitted by the Class Rules.
- 7.4. The following equipment, control lines and control line blocks may be supplied by athletes provided they conform to the Class Rules:
 - uphaul line;
 - a safety line or device to secure the rig to the hull;
 - downhaul system – see Class Rule C.8.2(f);
 - outhaul system – see Class Rule C.8.2(g); and
 - harness lines.

These items will be subject to inspection and identification at equipment inspection.

- 7.5. Athletes shall report any loss or damage of supplied equipment to the RS:X Equipment Inspector as soon as possible through the process defined in EIR 3.1. Repairs shall only be carried out by Organising Authority representatives. This amends Class Rules C.6.3(b), C.6.3(j), C.7.2(b), C.8.2(b) and C.9.2(b).
- 7.6. No alterations shall be made to any part of the boat, its equipment, spars or fittings, or fittings removed, even if subsequently replaced, without the written approval of the EIC except for those fittings and items of equipment, defined in EIR 7.4, that athletes may bring and use. Modifications permitted by C.6.3(i) shall only be carried out by Organising Authority representatives upon application.
- 7.7. Hull, sail, mast and boom, centreboard and fin may be washed with soap and water only and wiped down manually. No reshaping or sanding of the centreboard, fin or any portion of the hull shall be allowed.
- 7.8. Tell-tales may be fitted to the sail provided that they do not pierce or permanently mark the sail. No other additional fittings will be permitted without prior approval from the EIC.
- 7.9. The following Class Rules shall not apply:
- C.6.3 (c), (h), (l) and (m);
 - C.7.2 (c), (e) and (f);
 - C.8.2 (h), (l), (o) and (p); and
 - C.9.3 (h) and (i).
- 7.10. On completion of the Sailing competition, all equipment supplied to athletes shall be returned to the Organising Authority in accordance with instructions that will be posted on the Official Noticeboard.

8. Men's and Women's Two Person Dinghy – 470

- 8.1. Each boat shall be presented for equipment inspection with the mast down and shall be accompanied by mast, boom, spinnaker pole, one set of sheets, rudder, tiller, centreboard and all other equipment required by the Class Rules on board for the purpose of weighing. All inspection hatches and covers shall be open. Personal flotation devices shall be presented.
- 8.2. The number of sails and spars which may be approved during pre-race inspection of the boat shall not exceed one mast, one boom, one spinnaker pole, one mainsail, one jib, one spinnaker and one spare spinnaker in accordance with EIR 8.7.
- 8.3. Each boat shall have been built from a mould approved by ISAF and in accordance with the specification that has been approved by ISAF before 1 March 2012.
- 8.4. Each boat shall be presented for measurement inspection with her Measurement Certificate including the completed Measurement Form. If the completed Measurement Form is a photocopy, its authenticity shall be confirmed with an original stamp and signature from the issuing authority.

- 8.5. Each 470 spinnaker shall carry the national flag of the competitor displayed in dense contrasting colours on the forward face of the spinnaker. The flag shall be rectangular in shape, with a minimum total area of 4.00m²; the suggested sizing is 2600mm x 1550mm. It shall be located approximately equidistant from the leeches and with the base approximately 1800mm from the foot of the sail. The body of the sail shall be constructed of white sail material.
- 8.6. Any area of the flag which is the same colour as the cloth of the body of the sail shall be overprinted in that same colour in order to achieve uniformity of print area between boats. Where there is no colour contrast between the body of the sail and the edge of the flag, a dark border shall be applied to the edge of the flag. This shall be of a minimum thickness of 10mm. The three-letter NOC code shall be placed horizontally 200mm below the bottom edge of the flag and on the forward face of the sail only. The height of the letters shall be minimum 400mm. The application method of the national letters on the spinnaker may vary but the colour shall be black.
- 8.7. During pre-race equipment inspection a spare spinnaker may be inspected and placed in the custody of the 470 Equipment Inspector. The spare spinnaker will be carried afloat in the Equipment Inspector's boat. In the event of the first spinnaker being damaged and replacement approved in accordance with EIR 3.5, the spare spinnaker may be retrieved with the authority of the Equipment Inspector and used for any further races on that day. The spare spinnaker shall be returned to the Equipment Inspector after the last race of the day and if repairable the first spinnaker shall be repaired for all subsequent races. A spare spinnaker shall comply with the requirements of EIR 8.5 and EIR 8.6.

9. Men's One-Person Dinghy (Heavyweight) – Finn

- 9.1. Each boat shall be presented for equipment inspection with the mast down and shall be accompanied by mast, boom, one set of control lines, rudder, tiller, centreboard and all other equipment required by the Class Rules on board for the purpose of weighing. All inspection hatches and covers shall be open. Personal buoyancy and boat equipment shall be presented.
- 9.2. No more than one centreboard, two masts, two booms, two rudders and two mainsails shall be presented for pre-race equipment inspection.
- 9.3. The Certification Documentation referred to in EIR 2.5 includes the Measurement Form, and the Certificate with any Reweighing Form.

10. Men's Skiff – 49er

- 10.1. Each boat including wings (but excluding dagger board, rudder blade, spars, sails and other equipment) shall be ISAF Plaque number 1100 or greater.

- 10.2. Each boat shall be presented for equipment inspection with the mast down and shall be accompanied by mast, boom, gennaker pole, one set of control lines, rudder blade, rudder stock including tiller, dagger board and all other equipment required by the Class Rules on board for the purpose of weighing. The mast shall be stripped of all standing and running rigging, and fittings not attached by the builder with rivets, screws or other permanent fastenings. The running rigging may be replaced by light feeder lines. Personal buoyancy shall be presented.
- 10.3. The number of sails and spars which may be approved during inspection of the boat shall not exceed one mast, one boom, one bowsprit, one mainsail, one jib, one gennaker and one spare gennaker in accordance with EIR 10.6.
- 10.4. Before entering equipment inspection, athletes shall enter each piece of equipment they intend to use on the 49er Equipment Registration Form.
- 10.5. The gennaker shall be manufactured by the approved manufacturer with a representation of the relevant national flag. In alteration to Class Rule G.5.1, the gennaker may have graphics which extend to any point of the sail.
- 10.6. During equipment inspection a spare gennaker may be inspected and placed in the custody of the 49er Equipment Inspector. Spare gennakers will be carried afloat in the Equipment Inspector's boat. In the event of the first gennaker being damaged and replacement approved in accordance with EIR 3.5, the spare spinnaker may be retrieved with the authority of the Equipment Inspector and used for any further races on that day. The spare gennaker shall be returned to the Equipment Inspector after the last race of the day and if repairable the first gennaker shall be repaired for all subsequent races. A spare gennaker shall comply with the requirements of EIR 10.5.

11. Men's Keelboat – Star

- 11.1. Each boat shall be presented for equipment inspection with the mast down, boom, rigging and all equipment (including removable floorboards) on board for the purpose of weighing. Inspection / access ports shall be open, but with their covers in the boat. Lifting eyes or bolts are compulsory. Safety equipment in accordance with Star Class Association Rules 31.2.2 shall be presented.
- 11.2. Star Class Association Rules 1–20 and Championship Rules 21–30 and 34–40 shall not apply. Championship Rules 31, 32 and 33 shall apply.
- 11.3. The number of sails and spars which may be approved during pre-race equipment inspection of the boat shall not exceed two masts, two booms, two whisker poles, two mainsails and two jibs.
- 11.4. Crew weight – in accordance with Paragraph 15.12 of the Notice of Race, Star class crews shall present themselves for weighing each racing day wearing at least shorts and shirt. The daily weighing schedule and location will be published on the Official Noticeboard.

12. Women's Match Racing – Elliott 6M

- 12.1. Boats will be supplied by the Organising Authority for use during the Sailing competition.
- 12.2. Equipment limitations are specified in the SIs.
- 12.3. In accordance with Paragraph 3.6 of the Notice of Race, the crew (including the skipper) shall total three with a maximum total crew weight of 204kg when wearing at least shorts and shirt. In accordance with Paragraph 15.12 of the Notice of Race, crews shall present themselves for weighing on each day that the crew is to race. The daily weighing schedule and location will be published on the Official Noticeboard.