

BOUDRONS GRAND
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WIDE OPEN GAM



Paris 2024

Olympic Sailing Competition

20 July – 9 August 2024

Equipment Regulations



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Change Log

Amendment 1, 24 April 2024: 1.3, 3.2, 4.4, 4.9, 7.1, 7.3.2, 7.3.10

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1. GENERAL

- 1.1. All boats and equipment entered for the Paris 2024 Olympic Sailing Competition shall be inspected in accordance with the relevant rules including Class Rules, Notice of Race (NOR), Sailing Instructions (SI) and Equipment Regulations (ER), defined collectively as the Event Equipment Rules.
- 1.2. The Technical Committee (TC) is responsible for all equipment inspection functions. The Chair of the TC may appoint one or more panels or persons to carry out the functions of the TC. The TC is the 'responsible authority' for the purposes of RRS 64.4 (b) and is responsible for interpreting the Class Rules during the Paris 2024 Olympic Sailing Competition. The TC is the authority for determining the compliance of equipment with its respective building specifications / construction manual. The Chair of the TC may consult with a World Sailing technical representative to determine if equipment complies with its respective confidential building specification / construction manual.
- 1.3. **Unless permitted by the Event Specific Requirements in ER 7**, from the day of the first pre-event equipment inspection for their event, only one boat and one set of the equipment items which are subject to pre-event equipment inspection are permitted in the boat park and the Field of Play. After a boat has completed its pre-event equipment inspection, only the inspected boats and equipment may be kept in the boat park and the Field of Play. However, spare items may be carried by support vessels but shall not be used unless substitution is permitted by the TC under ER 3.
- 1.4. When ashore, boats shall be kept in their boat park allocated area as per Addendum A, with the following exceptions:
 - 1.4.1. if required to undertake approved repairs and maintenance to a location approved by the TC;
 - 1.4.2. to get to the launching ramp and be on the Field of Play (FOP) after "D" flag is displayed with an event flag for those racing or after "T" flag is displayed with an event flag for those training;
 - 1.4.3. to return to the assigned place after racing or training, which may include a temporary passage to the boat wash area;
 - 1.4.4. for Skiff, Dinghy and Multihull events: When required for maintenance or to rig or unrig the boat, the boat may be moved within approximately 10 metres of the assigned place;
 - 1.4.5. for Windsurfing events: When required for maintenance or to rig or unrig the equipment at the area designated for such purpose, prior to launching or upon return ashore;
 - 1.4.6. for Kite events: When required for maintenance or to rig or unrig the equipment at the area designated for such purpose, prior to launching or upon return ashore;
 - 1.4.7. for Skiff, Mixed Dinghy, Multihull and Kite events; before the first day of pre-event equipment inspection for their event, to leave the boat park for use in the container park;
 - 1.4.8. when instructed or approved by the Technical Committee.

The rule doesn't apply for portable and personal equipment. The Organising Authority may require equipment to be removed from the boat park.
- 1.5. After a boat or equipment has completed the pre-event equipment inspection, it shall not be taken out of the area composed of the boat park, boat park launching area and FOP, except with prior written permission of the TC.
- 1.6. Equipment supplied by the Organising Authority shall not be taken out of the area composed of the boat park, boat park launching area and FOP, except with the written permission of the TC.
- 1.7. Each boat is required to comply with RRS 78.1 and the Event Equipment Rules from the time of its pre-event equipment inspection onwards unless otherwise approved by the TC. In accordance with the Equipment Inspection Policies, non-compliance may be protested and penalized as if it were discovered after racing.
- 1.8. The athletes shall be considered 'owners' and 'persons in charge' for the purpose of RRS 78.1
- 1.9. All equipment and sails shall be certified and marked as required by the Class Rules from the time of being presented for pre-event equipment inspection onwards.
- 1.10. The certification documentation may be retained by the TC for the duration of the Event. If any document is a photocopy, its authenticity shall be confirmed with an original stamp and signature from the issuing authority, from the class database or by a scanned document emailed from the issuing authority directly to the Organising Authority.

- 1.11. Any changes to these Paris 2024 Equipment Regulations will be posted on the Official Notice Board.

2. [DP] EQUIPMENT LIMITATION MARKING

- 2.1. All items of equipment subject to event limitation control shall be marked with the official event limitation marks. If a mark becomes unclear, insecure, or lost, this shall be reported to the TC before the next race, so that the mark will be replaced.

3. [DP] REPAIR AND REPLACEMENT OF BOATS AND EQUIPMENT

- 3.1. Repairs or replacements of equipment made after completion of pre-event equipment inspection shall require prior written approval of the TC. However, repairs or replacements required afloat may be approved after a race, provided that either the TC or the Race Committee are notified before the next race.
- 3.2. [NP] Approval for equipment repairs and/or replacements shall be requested through the forms made available online or from the Race Office or as instructed by the TC, before the Event protest time limit on the respective day. The TC shall extend the time if there is good reason to do so.
- 3.3. In addition to any other requirements, replacement of equipment subject to inspection shall only be approved if the replacement carries all required identification and is certified if required by the Class Rules before use, and if the equipment being replaced has either been lost or severely damaged and cannot be repaired in the time available before the next race. Approval shall not be granted if the equipment being replaced has been mistreated, damaged, or lost in a deliberate manner.
- 3.4. Unless permitted in writing by the TC, repairs shall not be carried out in the equipment inspection areas or container park.
- 3.5. Any item that has been repaired or replaced in accordance with ER 3 shall have event limitation marks, flags and any other required stickers including the Look of the Games applied as required, as soon as practicable.
- 3.6. For the Mixed Dinghy, Skiff and Multihull events, spare spinnakers/gennakers will be carried afloat in the respective Event's TC vessel. In the situation that the first spinnaker is damaged and replacement approved in accordance with ER 3, the spare spinnaker may be retrieved with the authority of the TC and used for any further races on that day. The spare spinnaker/gennakers shall be returned to the TC after the last race of the day and if repairable, the first spinnaker shall be repaired for all subsequent races in compliance with ER 3.

4. [NP] [DP] EQUIPMENT INSPECTION

- 4.1. Pre-event equipment inspection for each Event will take place in accordance with the schedule in Addendum C.
- 4.2. All boats shall be presented for pre-event equipment inspection with all equipment as required or permitted by the Class Rules, including sails, personal flotation device(s), helmets, impact vests, harness(es) where applicable and any electronic personal equipment items. All equipment shall be in a dry, clean, and salt-free condition and as described in Addendum D and/or as instructed by the TC. Any item that is not presented in a condition to the satisfaction of the TC may be held by the TC for up to 48hours.
- 4.3. All equipment shall have event limitation stickers from previous events removed.
- 4.4. **Unless permitted by the Event Specific Requirements in ER 7**, only one set of items of equipment that are to be inspected or controlled shall be presented for pre-event equipment inspection. However, the TC may permit the substitution of a first item of equipment in the following cases:
- an item of equipment that fails to comply with the Event Equipment Rules or its respective building specifications / construction manual in a serious matter like shape or construction that is a manufacturing defect; or
 - an item of equipment which is too light and which cannot be made to comply with the Class Rules.
- 4.5. For the Mixed Dinghy, Skiff and Multihull events, a second spinnaker/gennaker may be presented for pre-event equipment inspection and then placed in the custody of the TC as spare. Spare spinnakers/gennakers shall comply with the requirements of ER 7 as applicable.
- 4.6. Personal flotation device(s) shall comply with the respective Class Rules and their size shall be appropriate for the body type and size of the user. Where not specified in the Class Rules, personal flotation devices shall be in compliance with EN 393 or ISO 12402-5, level 50 or an equivalent standard. Inflatable Personal Flotation Devices are not permitted.

- 4.7. At any time during the racing days, a boat may be informed by a TC member that it has been selected for equipment inspection. When hailed, the boat shall move directly to the indicated area on the race area or in the boat park.
- 4.8. The TC may require to dismount or disassemble equipment for inspection.
- 4.9. **Unless specified in the Event Specific Requirements in ER 7**, at least one athlete and/or a maximum of two support team members shall be present at all times during equipment inspection. An interpreter may also be present when needed, if approved by the TC.
- 4.10. When a boat has been informed that it has been selected for inspection as per ER 4.9, no person shall join or leave the boat without permission from the TC. No equipment or items shall be taken from (or added to) the boat or the athletes, without permission from the TC. The notified athletes shall not leave the equipment inspection area without the permission of the TC. During inspection of the athlete clothing and/or equipment, at least one crew member or support team member shall remain present during the inspection of the boat. The TC may require the boat to be quarantined in order to perform the requested inspections.

5. [SP] MEDAL RACE / MEDAL SERIES PROCEDURES

Place holder – This section will be published no later than 30 June 2024.

6. [DP] LOOK OF THE GAMES, IDENTIFICATION, BROADCAST, TIMING AND TRACKING EQUIPMENT

- 6.1. [SP] During the opening series, competitors shall be responsible for timing and tracking equipment installation as detailed in Addendum E.
- 6.2. Boats qualified to the medal race or medal series shall carry a second tracking module before leaving shore to race. Timing and tracking equipment for boats in a medal races and medal series shall be installed by the Organising Authority while the boat is in Pit Lane.
- 6.3. Should a tracker or tracking socket become dislodged, damaged or noticeably moved from its installed position, the boat shall inform the TC at the first available opportunity. The Organising Authority will replace, repair or relocate any of the tracking and timing equipment before subsequent races. Support persons may assist with this process.
- 6.4. For the purpose of avoiding entanglement with running rigging and sails, only rope, elastic and adhesive tape may be attached to Organising Authority equipment mounts and brackets, provided that it does not interfere with the operation of the associated Organising Authority equipment (e.g. tracking equipment or camera).
- 6.5. All boats shall display their Look of the Games as per the Boat Branding Guide and as installed by the Organising Authority, before leaving shore to race.
- 6.6. After a boat, has completed its pre-event equipment inspection, before leaving shore to sail, an athlete or support team member shall present their equipment as instructed by the Organising Authority for the installation of the Look of the Games.
- 6.7. After their pre-event equipment inspection, all boats shall display the Look of the Games before leaving shore to sail.
- 6.8. An athlete or support team member of a boat requiring replacement Look of the Games shall notify the TC and arrange to apply replacements as soon as practicable.
- 6.9. [SP] Competitors shall be responsible for the installation of dummy cameras as detailed in Addendum F. Boats instructed to carry a camera, shall have the dummy replaced by a camera by the Organising Authority.
- 6.10. Broadcast equipment may include but is not limited to: Camera mounts, cameras, dummies, mounts, nuts, washers, adhesive, shock cord, lines, tape, sound devices, batteries, etc.
- 6.11. Boats instructed to carry a camera may be also instructed to carry sound equipment which shall be carried inside the bib pocket (see Addendum F reference image), or as otherwise instructed by the OA.
- 6.12. After a boat has completed its pre-event equipment inspection before leaving shore to race an athlete or support team member shall present their boat as instructed by the Organising Authority to have their camera mount installed.
- 6.13. The broadcast equipment shall be located as detailed in Addendum F.

7. [DP] [SP] EVENT SPECIFIC REQUIREMENTS

7.1. Men's and Women's Windsurfing – iQFOiL

7.1.1. [NP] From the equipment supplied by World Sailing or the Organising Authority, athletes or their representatives shall register by the 20 of July 2024 through forms made available online two foil systems, two sails and two masts. One of each to be registered for use and one of each to be registered as spare.

7.1.2. Pre-event equipment inspection shall include two stages as scheduled in Addendum C. Stage 1, starting on the 20 of July 2024 for 3D scanning and collection of data of the foil systems registered for use, and Stage 2 for inspection of all items required by ER 4.2, including the foil systems registered for use.

7.1.3. Prior to the first day of **Stage 2** of pre-event equipment inspection of the Events, except with prior written permission by the TC; only the equipment supplied by athletes as permitted by ER 7.1.5 and the equipment supplied by World Sailing or the OA in accordance with ER 7.1.4 may be used and kept in the boat park. This includes all the equipment supplied by World Sailing or the OA and is not limited to the items registered as required by ER 7.1.1.

7.1.4. For the equipment listed below, only equipment supplied by World Sailing or the OA shall be used unless permitted by ER 5. Supplied Equipment shall be allocated and distributed as described in the Supplied Equipment Allocation and Distribution Guidelines;

- Hull (board) with foot straps (6) and its fittings;
- Hull appendages (foil system) **composed of**: mast, front wing, tail wing, fuselage (115plus), angle spacers **and** all associated fittings;
- Boom and Mast, mast base and 36cm extension with all associated fittings;
- Sail with battens, tensioners and camber inducers;
- Covers/bags.

7.1.5. The following equipment may be supplied by athletes provided they conform to the Class Rules;

- control lines and control line blocks including outhaul system and downhaul system;
- angle spacers;
- foot straps;
- foil system fittings;

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

7.1.6. From the day Supplied Equipment becomes available to competitors, any and all alterations including lubricating, coating, sanding, repairs or replacements of Supplied Equipment, except for those fittings and items of equipment defined in ER 7.1.5 that athletes may bring and use, shall require prior written approval from the Technical Committee with the following exemptions;

7.1.6.1. Hull modifications, maintenance and repair actions permitted by the class rules,

7.1.6.2. The plastic cap covering the foil mast that goes in the fuselage may be sanded and may be trimmed flush with the fuselage,

7.1.6.3. Rig modifications and maintenance actions permitted by the class rules,

7.1.6.4. Sail modifications and maintenance actions permitted by the class rules,

7.1.7. [NP] The surfaces of each foil mast, front wing and tail wing shall match their blueprint when scanned and aligned according to a procedure defined by the TC. The blueprint shall be the surface of each item held on record by World Sailing at the time of Supplied Equipment becoming available to competitors. The TC may, however, permit the substitution of an item of equipment that has not yet been used for racing if it determines it does not comply with this rule.

7.1.8. When a replacement is approved by the TC, equipment registered for racing shall only be substituted by equipment registered as spare and equipment registered as spare shall only be substituted by a remaining item from those originally supplied and allocated to the competitor unless otherwise approved by the TC.

7.1.9. Equipment shall be presented to each Stage of the pre-event equipment inspection as described in Addendum D.

- 7.1.10. The TC may retain equipment to conduct inspections and will conduct the scanning and collection of data of foil systems registered as spare without the presence of the athlete or support team members.
- 7.1.11. Athletes shall report any loss or damage of Supplied Equipment, including WS QR stickers and/or serial numbers becoming illegible or lost to the TC as soon as possible. Repairs to Supplied Equipment shall only be carried out by Organising Authority representatives.
- 7.1.12. [NP] Prior to Stage 1 of pre-event equipment inspection, athletes shall report any loss or damage of Supplied Equipment to the TC through the 'Paris 2024 Request For Information (RFI) platform' made available on the Official Notice Board. Approval of repairs and/or replacements shall not be carried out prior to the first day of Stage 1 of pre-event equipment inspection.
- 7.1.13. [NP] If required by the TC, competitors shall produce proof that their impact vest is described by the manufacturer or brand as either an impact vest or a form of garment specifically designed to protect the wearer around the torso from impacts.
- 7.1.14. [NP] On completion of the Event, all equipment supplied to athletes shall be returned to World Sailing or the Organizing Authority in dry, clean, salt and sand-free condition. **Foils, sails and masts not registered for use or as spare shall be returned to World Sailing or the Organizing Authority prior to the first day of Stage 2 of pre-event equipment inspection.**

7.2. Men's and Women's Kite – IKA-Formula Kite

- 7.2.1. Prior to the first day of pre-event equipment inspection of the Events, except with prior written permission by the TC; only one board, one board bag, two foils systems and up to 6 kites may be used and kept in the boat park. Access and use of other equipment items subject to pre-event equipment inspection is permitted.
- 7.2.2. Kites shall only be replaced with kites of the same brand, model and size.
- 7.2.3. Each boat shall be presented for the pre-event equipment inspection as described in Addendum D. Hulls and helmets shall be presented without national flags.
- 7.2.4. [NP] If required by the TC, competitors shall produce proof that their impact vest is described by the manufacturer/brand as either an impact vest or a form of garment specifically designed to protect the wearer around the torso from impacts.

7.3. Men's and Women's Dinghy – ILCA 7 & ILCA 6

- 7.3.1. Prior to the first day of pre-event equipment inspection of the Events, except with prior written permission by the TC; only equipment supplied by the Organizing Authority and equipment supplied by athletes as permitted by ER 7.3.3 may be used and kept in the boat park. However, the use of sails supplied by athletes prior to the first day of pre-event equipment inspection of the event is permitted.
- 7.3.2. For the equipment listed below, only equipment supplied by the Organising Authority shall be used unless permitted by ER 7.3.3. Supplied Equipment shall be allocated and distributed as described in the Supplied Equipment Allocation and Distribution Guidelines;
- Hull, with bailer fixed;
 - Centreboard, complete with stopper and 2 holes for a rope handle;
 - Rudder;
 - Tiller and Tiller extension;
 - Lower mast (aluminium **for ILCA 7 and carbon for ILCA 6**) and top mast (carbon);
 - Boom, complete with all fittings attached;
 - Boom vang and traveller blocks;
 - Sail, complete with battens
 - Padded toe-strap, shock cord and toe-strap line;
 - Mainsheet side cleats;
 - Deck block fitting without blocks;
 - Deck cleat base with two cleats;
 - Control lines;
 - Launching trolley; and
 - Deck cover.

7.3.3. The following equipment 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;
- toe-strap, shock cord and line, which shall be fitted by the Organizing Authority representatives; and,
- mainsheet side cleats, which shall be fitted by the Organizing Authority representatives.

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

7.3.4. No alterations shall be made to any part of the boat, its equipment, spars or fittings, or fittings removed, even if subsequently replaced, without prior written approval of the TC, except for those fittings and items of equipment defined in ER 7.3.3 that athletes may bring and use. Athlete-supplied toe straps and mainsheet cleats shall only be fitted by the Organising Authority.

7.3.5. Unless approved in writing in advance by the TC, the hull, sail, mast and boom, centreboard and rudder may be washed with soap and water only and wiped down manually. No polishing, reshaping or sanding of the centreboard, rudder or any portion of the hull is permitted.

7.3.6. Athletes may adjust the centreboard friction pad.

7.3.7. Athletes may use adhesive tape were permitted by the Class Rules.

7.3.8. Wind indicators, a timing device, 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 they do not pierce or permanently mark the sail. No other additional fittings will be permitted without prior written approval from the TC.

7.3.9. Each boat shall be presented for the pre-event equipment inspection as described in Addendum D.

7.3.10. Athletes shall report any loss or damage of Supplied Equipment to the TC as soon as possible. Repairs to Supplied Equipment shall only be carried out by Organising Authority representatives.

7.3.11. [NP] On completion of the event, all equipment supplied to athletes shall be returned to the Organising Authority in accordance with instructions provided by the Organising Authority.

7.4. Men's and Women's Skiff – 49er & 49erFX

7.4.1. Prior to the first day of pre-event equipment inspection of the Events, except with prior written permission by the TC; only one hull with one launching trolley and one mast may enter and be kept in the boat park. Access and use of other equipment items subject to pre-event equipment inspection is permitted.

7.4.2. Each boat shall be presented for the pre-event equipment inspection as described in Addendum D.

7.4.3. The number of sails and spars which may be presented for the pre-event equipment inspection shall not exceed one mast, one boom, one bowsprit, one mainsail, one jib, one gennaker and one spare gennaker in accordance with ER 7.4.4.

7.4.4. Gennakers shall be manufactured by the approved manufacturer with a representation of the relevant NOC flag.

7.5. Mixed Dinghy – 470

7.5.1. Prior to the first day of pre-event equipment inspection of the Event, except with prior written permission by the TC; only one hull with one launching trolley and one mast may enter and be kept in the boat park. Access and use of other equipment items subject to pre-event equipment inspection is permitted.

7.5.2. Each boat shall be presented for the pre-event equipment inspection as described in Addendum D.

7.5.3. Each boat shall present or verify the existence of valid certification documentation for their boat. This includes the hull Measurement Form and the hull Measurement Certificate.

7.5.4. The number of sails and spars which may be presented for the pre-event equipment inspection shall not exceed one mast, one boom, one spinnaker pole, one mainsail, one jib, one spinnaker and one spare spinnaker in accordance with ER 7.5.5 and ER 7.5.6.

7.5.5. Each 470 spinnaker shall carry the NOC flag of the athletes displayed in dense contrasting colours on the forward face of the spinnaker. The flag shall be located approximately equidistant from the leeches. The body of the sail shall be constructed of white sail material. A black border of minimum thickness of 10mm shall be applied to the edges of the flag. The flag dimensions, including the border, shall be as follows:

Flag dimensions	Minimum	Maximum
Width	2400 mm	2600 mm
Height	1400 mm	1600 mm
Distance from the foot of sail to base of flag	1500 mm	1800 mm

7.5.6. The three-letter NOC code shall be placed horizontally approximately 200mm below the bottom edge of the spinnaker NOC flag and on the forward face of the sail only. The height of the letters shall be 400 mm \pm 10mm and the minimum space between letters shall be 80mm. This changes RRS G1.2 (b). The colour of the letters shall be black.

7.6. Mixed Multihull – Nacra 17

7.6.1. Prior to the first day of pre-event equipment inspection of the Event, except with prior written permission by the TC; only one multihull with one launching trolley and one mast may enter and be kept in the boat park. Access and use of other equipment items subject to pre-event equipment inspection is permitted.

7.6.2. Each boat shall be presented for equipment inspection as described in Addendum D.

7.6.3. The number of sails and spars which may be presented for pre-event equipment inspection shall not exceed one mast, one boom, one bowsprit, one mainsail, one jib, one gennaker and one spare gennaker in accordance with ER 7.6.4.

7.6.4. Gennakers shall be manufactured by the approved manufacturer with a representation of the relevant NOC flag.

Equipment Regulation Addendum A

Boat Park / Boat bay assignment

Boat park / Boat bay assignment will be published no later than 27 May 2024.

Equipment Regulation Addendum B

Quarantine Area and Pit Lane Area for Medal races / Medal series

Quarantine Area and Pit Lane Area information will be published no later than 30 June 2024.

Equipment Regulation Addendum C

Equipment Inspection Schedule

Equipment Inspection Schedule information will be published no later than 27 May 2024.

Equipment Regulation Addendum D

Equipment Inspection Instructions

Equipment Inspection Instructions information will be published no later than 27 May 2024.

Equipment Regulation Addendum E

Location of timing and tracking equipment

Location of timing and tracking equipment will be published no later than 27 May 2024.

Equipment Regulation Addendum F

Broadcast Equipment

Location of Camera and microphone information will be published no later than 27 May 2024.