



The Lima 2019 Equipment Regulations (ER)



1. GENERAL REQUIREMENTS

- a. All boats and equipment entered in 2019 Pan American Games may be inspected at any time for compliance with the relevant rules including Class Rules and these Equipment Regulations (ER), defined collectively as the Event Equipment Rules.
- b. Boats shall be kept in their assigned places in the boat park.
- c. All boats are required to comply with RRS 78.1 and Event Equipment Rules from the time they are scheduled for inspection (hereinafter referred to as "Day Zero") onwards. Non-compliance from Day Zero until the start of the first race shall be reported, protested and penalized as if it were discovered after racing on the first day on which races for that boat have been completed.
- d. Competitors 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, where applicable, remains valid.
- e. All equipment and sails shall be certified and marked as required by the Class Rules.
- f. For Lightning and Snipe competitors shall present, or verify the existence of valid certification documentation for their boat. The certification documentation may be retained by the Chief Equipment Inspector 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 Organizing Authority.
- g. Any changes to these ER will be approved and posted on the Official Noticeboard in accordance with the provisions governing the posting of changes to the Sailing Instructions (SIs).
- h. The Equipment Inspection Committee/Technical Committee shall be the final authority for determining if equipment complies with the Equipment Regulations and for interpreting the Class Rules. This also applies for RRS 64.3 (b)
- i. Personal electronic equipment that includes functions other than magnetic bearing and timing are not permitted unless otherwise specified in the Class Rules or Equipment Rules.



2. PRE- RACE EQUIPMENT INSPECTION

- a. Equipment Inspection will take place at the venue starting at 9:00 hours on Wednesday July 31, and closing at 15:00 hours on Friday August 02, 2019.
- b. A schedule of times at which boats, crew and equipment must be presented for measurement will be posted no later than 17:00 hours on Monday July 29, 2019.
- c. The designated time of equipment inspection may be subject to alteration by the Equipment Inspection Committee (EIC). Boats and equipment as indicated below shall be presented at the designated time.
- d. Failure on the part of a competitor and his or her boat or equipment to be available for measurement at the required time may result in he or she not being able to compete in one or more races.
- e. When submitted for equipment inspection, a boat and its equipment shall comply with the Class Rules, the Sailing Instructions and the Lima 2019 Equipment Regulations.
- f. All boats shall be presented for inspection with the full equipment, including sails, personal buoyancy and personal equipment. Personal buoyancy shall comply with the specific Class Rules. Where not specified in the Class Rules, personal buoyancy shall provide 50 Newtons of buoyancy or be in compliance with ISO 12402-5 or an equivalent. Personal buoyancy that relies on inflation devices to achieve buoyancy is not accepted.
- g. Boats and equipment shall be presented for equipment inspection in a dry, clean and salt-free condition. Any item, which 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.
- h. Only the team leader or nominated delegate, the boat's crew and one interpreter may be present during the boat's equipment inspection. At least one of these persons shall be present and shall be authorised to remedy any deviations from the rules or to withdraw the boat from the Regatta. Unless authorised by the EIC, only one hull shall be presented for equipment inspection by an entry in each Event.
- i. Unless authorised by the EIC, repairs or alterations to boats or equipment shall not be made in the inspection areas.
- j. All mainsails shall be presented for equipment inspection with no numbers, advertising, national letters or flags in place. Except, however that the Mixed Multihull, Men's Skiff, Women's Skiff, Men's Windsurfing and Women's

Windsurfing shall be presented with national flags.

- k. Nationality Flags and Country Codes may be supplied by the OA and shall be affixed to the Mainsail as directed by the EIC.
- l. The EIC will report to the Race Committee and Technical Delegate, all boats that have satisfactorily completed equipment inspection by the end of the scheduled pre-race equipment inspection period.

3. PRESENTATION FOR MEASUREMENT

- a. **Men and Women's Dinghy – Standard and Radial**
 - i. Each boat shall be presented for equipment inspection with the mast up and rigged as for sailing and shall be accompanied by one set of control lines, rudder, tiller, dagger board and all other equipment required by the Class Rules.
- b. **Men and Women's Windsurfer – RS:X**
 - i. The hull, rig and equipment shall be presented as required by the Class Rules for equipment inspection.
- c. **Men's and Women's Skiff, Mixed Two person Dinghy and Mixed Three person Dinghy - 49'er, 49'er FX, Snipe, and Lightning**
 - i. Each boat shall be presented for equipment inspection with the mast down and shall be accompanied by mast, boom, spinnaker pole (as appropriate), one set of sheets, rudder, tiller, centreboard/ daggerboard (as appropriate) and all other equipment required by the Class Rules on board for the purpose of weighing. All inspection hatches and covers, including bulkhead covers, shall be open.
 - ii. Additionally, each Snipe shall be presented for equipment inspection with a 15m x 8mm tow line and a paddle.
 - iii. Each Snipe shall present a maximum of two mainsails and two jibs for equipment inspection.
 - iv. Each Lightning shall present a maximum of one mainsail, two jibs and two spinnakers for equipment inspection.
- d. **Open Dinghy - Sunfish**
 - i. Each boat shall be presented for equipment inspection as follows:



The boat with the mast down, boom, rigging and all equipment on board for the purpose of weighing. Inspection / access ports shall be open, but with their covers in the boat.

e. Mixed Multihull – NACRA 17

- i. Boats including sails, with fully assembled platforms shall be presented for equipment inspection:
 - 1. Portable equipment removed.
 - 2. With daggerboards on top of the assembled platform for weighing. Rudders rigged in rudder cassettes. Daggerboards will be transferred to tables for inspection after weighing.
 - 3. With mast down on top of the assembled platform with mast base forward, forestay on top and accessible for inspection along the foreside of the mast.
 - 4. Rudder rake shall be set to the center of range
 - 5. Top daggerboard bearing shall be raked fully forward.
 - 6. Hull hatches shall be open and hulls dry and free of water

f. Open Kiteboarding – Formula Kite

- i. Each Kite shall be presented for equipment inspection:
 - 1. Personal Equipment
 - 2. Hulls with footstraps and hydrofoil system mounted.
 - 3. All kites – dry and sand free
 - 4. A maximum of 1 hydrofoil system, 1 hull and 4 kites shall be presented

4. WEIGHTING OF CREW (AS APPROPRIATE):

- a. If a class has crew weight limits then the EIC will check weights as per the class rules and the Sailing Instructions and competitors will be required to adhere to any additional instructions that will be published by the EIC at the site.



5. EQUIPMENT LIMITATION

- a. All items of equipment subject to event limitation control will be marked with the official event 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 Chief Equipment Inspector so that the mark may be replaced before the next race or at the first reasonable opportunity.

6. REPAIR AND REPLACEMENT OF BOATS AND EQUIPMENT

- a. Alterations, repairs or replacements shall not be made after Day Zero without the prior written approval of the Equipment Inspector. However; alterations, repairs or replacements required afloat may be approved after the race, provided the Technical Committee are notified as soon as possible after racing.
- b. Equipment subject to inspection shall only be replaced if:
 - i. The replacement was certified if required by the Class Rules before use, and
 - ii. The equipment being replaced has been severely damaged and cannot be repaired in the time available before the next race.
 - iii. However, equipment shall not be replaced if it has been deliberately mistreated, damaged or lost by the competitor or any associated person.
- c. Intentionally Blank
- d. Forms to request approval of alterations, repairs or replacement will be available from the Equipment Inspector or the Race Office.
- e. Only one hull shall be presented by an entry in the Games. However, the Chief Equipment Inspector may permit the substitution of the first hull in the following cases:
 - i. 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
 - ii. a hull which is too light and which cannot be made to comply with the Class Rules.



7. POST RACE INSPECTIONS

- a. A boat may be checked by the EIC at any time during the 2019 Pan Am Games Sailing Competition.
- b. After any race, a boat or crew member may be informed by an EIC representative that it has been selected for post-race inspection. When hailed, the boat shall allow the EIC representative to inspect the boat or the crew immediately and/or the boat shall return directly to the designated area at the sailing venue as per the instructions of the EIC representative.
- c. When a boat has been selected for post-race inspection, no person shall join or leave the boat. 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 representative of the crew 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.
- d. All boats selected for post race inspection shall be presented with the full equipment, including sails, personal flotation device(s) and personal equipment.

8. MEDAL RACE EQUIPMENT INSPECTION

- a. On completion of the opening series, the boats assigned to compete in the Medal Race for each Event may be subject to equipment inspection. This includes boats that may sail in the Medal Race following a protest or request for redress.

