



Santiago 2023 Pan American Games

Sailing Event

28 October – 5 November 2023

EQUIPMENT REGULATIONS

Version 20 September 2023

Change Log:



1. General

- 1.1 All boats and equipment entered in the 2023 Pan American Sailing competition shall be inspected in accordance with the relevant rules including class rules, Notice of Race (NoR), Sailing Instructions (SI) and these Equipment Regulations (ER), defined collectively where they refer to equipment as the Event Equipment Rules.
- 1.2 The Technical Committee (TC) is responsible for all equipment inspection functions. The Chair of the Technical Committee may appoint one or more panels or persons to carry out the functions of the Technical Committee. The Technical Committee is the 'responsible authority' for the purposes of RRS 64.4 (b) and for interpreting the class rules during the Regatta. The Technical Committee is the authority for determining the compliance of equipment with its respective building specifications/construction manual. The Chair of the Technical Committee may consult with a World Sailing technical representative to determine if equipment complies with its respective confidential building specification/construction manual.
- 1.3 Only entered competition hulls (and boards) may be kept in the boat park during the regatta, except with the written permission of the Organizing Authority (OA). In addition, the following restrictions apply:

- 1.3.1 For Men's and Women's Windsurfing:

Any spares shall be kept in the athlete's assigned space in the equipment storage area.

- 1.3.2 For Men's and Women's Kite:

In the equipment storage area, each athlete is allowed one board bag in their assigned space containing the registered equipment plus maximum 4 spare kites, one spare mast and one spare glider. The launch area shall be kept clear of any spare equipment.

- 1.4 After a boat or equipment has completed the pre-race equipment inspection, it shall not be taken out of the area composed of the boat park, boat park launching area and Field of Play (FOP), except with the written permission of the Technical Committee for repairs.

When ashore, boats shall be kept in their assigned place in the boat park area allocated to their Event 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 Technical Committee;
- 1.4.2 to get to the launching ramp/area and be on the Field of Play after flag D is displayed over an Event flag;
- 1.4.3 to return to the assigned place after racing or training;
- 1.4.4 for Men's and Women's Skiff; Men's and Women's Dinghy; Men's and Women's Regional Dinghy, Regional Mixed Dinghy, Regional Mixed Dinghy (3-person) and Mixed Multihull Events: when required for maintenance or to rig the boat, the boat may be moved within approximately 10 meters of the assigned place.
- 1.4.5 for Men's and Women's Windsurfing Events: When required for maintenance or to rig the equipment prior to launching.
- 1.4.6 for Men's and Women's Kite events: When required for maintenance or to rig the equipment prior to launching.

The rule does not apply for **portable** and **personal equipment** as defined in the Equipment Rules of Sailing (ERS).

- 1.5 All equipment and sails shall be certified and marked as required by the class rules from the

time of being presented for pre-race equipment inspection onwards.

- 1.6 The certification documentation may be retained by the Technical Committee for the duration of the Regatta. 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 (email to Fred Hagedorn, HagedornFH@gmail.com).
- 1.7 In all rules governing this Regatta:
 - 1.7.1 Both 'athlete' and 'competitor' mean a person competing or intending to compete in the Regatta.
 - 1.7.2 **[SP]** denotes a rule for which a standard penalty may be applied by the Race Committee or Technical Committee without a hearing, or a discretionary penalty applied by the International Jury with a hearing (this changes RRS A5); and
 - 1.7.3 **[NP]** denotes a rule that shall not be grounds for protests by a boat and for which the International Jury may refuse to hold a hearing. This changes RRS 60.1(a) and 63.1.

2 Equipment Limitation Marking

- 2.1 All items of equipment subject to event limitation control shall be marked with the official event limitation marks. Instructions on the application of limitation marks will be displayed on the Official Notice Board. If a mark becomes unclear, insecure, or lost, this shall be reported to the Technical Committee so that the mark will be replaced before the next race.

3 Repair and Replacement of Boats and Equipment

- 3.1 Repairs or replacements of equipment made after completion of pre-race equipment inspection shall require prior written approval of the Technical Committee. However, repairs or replacements required afloat may be approved after a race, provided that either the Technical Committee or the Race Committee are notified before the next race.
- 3.2 Replacement of equipment subject to inspection shall only be approved if:
 - 3.2.1 The replacement carries all required identification and as certified if required by the class rules before use, and;
 - 3.2.2 The equipment being replaced has either been lost or severely damaged and cannot be repaired in the time available before the next race.
 - 3.2.3 For the Men's and Women's Kite Events: Kites shall only be replaced with kites of the same brand, make and size.

Approval shall not be granted if the equipment being replaced has been mistreated, damaged, or lost in a deliberate manner.

- 3.3 Unless approved in writing by the Technical Committee, repairs shall not be carried out in the equipment inspection areas.
- 3.4 Equipment repair/replacement request forms will be available online.
- 3.5 Equipment repair/replacement requests shall be logged before the protest time limit of the respective day. The Technical Committee may extend the time if there is good reason to do so.
- 3.6 Any item that has been repaired or replaced in accordance with section 3 of the Equipment Regulations shall have event limitation marks applied as required.
- 3.7 Only one set of items of equipment that are to be inspected or controlled shall be presented for pre-race equipment inspection by an entry in each Event. However, the Technical Committee may permit the substitution of a first item of equipment in the following cases:
 - 3.7.1 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

- 3.7.2 an item of equipment which is too light and which cannot be made to comply with the class rules.

4 [NP] Equipment Inspection

- 4.1 Pre-race equipment inspection for each Event will take place in accordance with the schedule in the Notice of Race 7.1 with a detailed schedule per team posted by a notice on the Official Notice Board no later than 20:00 on 24 October 2023. The notification on the Official Notice Board will include the designated place and time.
- 4.2 Boats and equipment shall be presented for equipment inspection as instructed in the relevant section in Equipment Regulations 7 or as instructed by the Technical Committee which may include the requirement to dismount or disassemble equipment.
- 4.3 Boats and equipment shall be presented in a dry, clean, and salt-free condition. Any item that is not in a condition to the satisfaction of the Technical Committee may be held by the Technical Committee for up to 24 hours.
- 4.4 All equipment, except the kites in the Men's and Women's Kite events, shall have event limitation stickers from previous regattas removed. On kites in the Men's and Women's Kite events, the event limitation stickers from previous regattas shall be made unreadable.
- 4.5 All boats shall be presented for inspection with all equipment as required or permitted by the class rules, including sails, personal flotation device(s), helmets, impact vests, trapeze harness(es) where applicable, any electronic personal equipment items and any other equipment as instructed in Equipment Regulations 7.
- 4.6 Inflatable Personal Flotation Devices are not permitted.
- 4.7 At least one athlete and/or one support team members shall be present at all times during equipment inspection. An interpreter may also be present when needed, if approved by the Technical Committee.
- 4.8 At any time during the racing days, a boat may be informed by a Technical Committee member that it has been selected for equipment inspection. When hailed, the boat shall move directly to the indicated area at the race area or at the sailing venue.
- 4.9 When a boat has been informed that it has been selected for inspection as per 4.8, no person shall join or leave the boat without permission from the Technical Committee. No equipment or other item shall be taken on or off the boat without permission from the Technical Committee. The notified athletes shall not leave the equipment inspection area without the permission of the Technical Committee. After 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 Technical Committee may require the boat to be quarantined in order to perform the requested inspections.

5 [SP] Medal Race / Medal Series Procedures

- 5.1 On completion of the opening series, the boats assigned to compete in respectively Medal Race or Medal Series for each Event will be subject to equipment inspection at the designated Pit Lane.
- 5.2 The location of the Quarantine and Pit Lane areas for Medal Race/Medal Series for each Event's boats will be posted on the Official Notice Board no later than 03 November 2023.
- 5.3 On the day before the Medal Race/Medal Series, boats shall be in the designated Quarantine area within 90 minutes of their protest time limit, unless otherwise instructed by the Technical Committee. This includes boats that may qualify for the Medal Race or Medal Series following a protest or request for redress.

- 5.4 On the day of the Medal Race or Medal Series, boats shall be presented in accordance with Equipment Regulations 4.5 for equipment inspection two hours before the warning signal of their Medal Race or the warning signal of the first Medal Series race of their Event, whichever is earliest, unless otherwise instructed by the Technical Committee. This includes boats that may qualify for the Medal Race/Medal Series following a protest or request for redress.
- 5.5 Boats shall not leave the Pit Lane area before being signaled by the Race Committee to go afloat.
- 5.6 If a Medal Race/Medal Series is postponed or abandoned such that the boats return to shore, the boats shall return to and remain in the Pit Lane Area. If a Medal Race/Medal Series is postponed or abandoned for the next day, the procedure outlined in 5.3 and 5.4 shall be repeated.

6 Branding, Camera, Microphone, Timing and Tracking Equipment

- 6.1 Competitors shall be responsible for tracker installation. The tracking equipment shall be located as detailed in Addendum B.
- 6.2 For the purpose of avoiding entanglement with running rigging and sails, only rope, elastic and adhesive tape may be attached to Organizing Authority equipment mounts and brackets, provided that it does not interfere with the operation of the associated Organizing Authority equipment (e.g., tracking equipment).
- 6.3 The Organizing Authority will be responsible for branding.
- 6.4 For the countries listed in the table below that have two entries at the events listed, at equipment inspection time an additional identification, number “1”, will be applied on the sail of one of the competitors by a draw arranged by the Technical Committee:

Men’s Dinghy	Women’s Dinghy	Men’s Windsurfing	Women’s Windsurfing
Chile	Uruguay	Argentina	Mexico

7 [SP] Boat and Event Specific Requirements

7.1 Men’s and Women’s Windsurfing

- 7.1.1 No later than 23:59 of the day before the pre-race inspection begins for that Event each competitor shall complete an online Equipment Registration Form (ERF) facilitated by the Organizing Authority via the Official Notice Board. Only registered equipment shall be used at this Regatta.
- 7.1.2 Each boat shall be presented for the pre-race equipment inspection with all pre-registered equipment, helmet, impact vest, PFD if not integrated with impact vest and harness. The board shall be presented without foot straps for the ease of weighing. The sail shall be presented with all battens.
- 7.1.3 The number of sails, hull appendages and spars which may be presented for the pre-race equipment inspection shall not exceed one sail, one foil mast, one fuselage, one front wing, one rear wing, one top mast, one bottom mast, one boom front section and one boom aft section.
- 7.1.4 **[NP]** If required by the Technical Committee, 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.

7.1.5 **[SP]** The tracking equipment shall be located as detailed in Addendum B.

7.2 Men's and Women's Kite

7.2.1 No later than 23:59 of the day before the pre-race inspection begins for that Event each competitor shall complete an online Equipment Registration Form (ERF) facilitated by the Organizing Authority via the Official Notice Board. Only registered equipment shall be used at this Regatta.

7.2.2 Each boat shall be presented for the pre-race equipment inspection with all pre-registered equipment (kites, mast, glider board) and trapeze harness as well as helmet.

7.2.3 **[NP]** If required by the Technical Committee, 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.

7.2.4 **[SP]** The tracking equipment shall be located as detailed in Addendum B.

7.3 Men's and Women's Dinghy

7.3.1 No later than 23:59 of the day before the pre-race inspection begins for that Event each competitor shall complete an online Equipment Registration Form (ERF) facilitated by the Organizing Authority via the Official Notice Board. Only registered equipment shall be used at this Regatta.

7.3.2 For the pre-race equipment inspection, boats shall be presented with the bottom mast, boom and all control lines rigged, with the sail and top section de-rigged and tiller with tiller-extension separate from the rudder head.

7.3.3 **[SP]** The tracking equipment shall be located as detailed in Addendum B.

7.4 Men's and Women's Skiff

7.4.1 No later than 23:59 of the day before the pre-race inspection begins for that Event each competitor shall complete an online Equipment Registration Form (ERF) facilitated by the Organizing Authority via the Official Notice Board. Only registered equipment shall be used at this Regatta.

7.4.2 Each boat shall be presented for equipment inspection with the mast down. The mast shall have all standing and running rigging pulled tight and tied to the mast and all loose ends secured.

7.4.3 The number of sails and spars which may be presented for the pre-race equipment inspection shall not exceed one mast, one boom, one bowsprit, one mainsail, one jib and one gennaker.

7.4.4 **[SP]** The tracking equipment shall be located as detailed in Addendum B.

7.5 Regional Mixed Dinghy

7.5.1 Each boat shall be presented for the pre-race equipment inspection with the mast down, main and jib sheets and rudder blade removed from hull. All inspection hatches shall be open.

7.5.2 Each boat shall present a valid certification documentation for their boat. This includes the hull Measurement Form and the hull Measurement Certificate.

7.5.3 The number of sails and spars which may be presented for the pre-race equipment inspection shall not exceed one mast, one boom, one whisker pole, one mainsail and two jibs.

7.5.4 **[SP]** The tracking equipment shall be located as detailed in Addendum B.

7.6 Mixed Multihull

7.6.1 No later than 23:59 of the day before the pre-race inspection begins for that Event each competitor shall complete an online Equipment Registration Form (ERF) facilitated by the Organizing Authority via the Official Notice Board. Only registered equipment shall be used at this Regatta.

7.6.2 Each boat shall be presented for equipment inspection with the mast down and detached (making it possible to present the mast separately). The mast shall have all standing and rigging pulled tight and tied to the mast and all loose ends secured. All inspection hatches shall be open. All corrector weights shall be removed. The Front Cross Beam may remain under tension from the dolphin striker mast bolt. The forestay shall have the turnbuckle attached and extended to the minimum mark ready for checking.

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.

7.6.4 **[SP]** The tracking equipment shall be located as detailed in Addendum B.

7.7 Regional Mixed Dinghy (3-person)

7.7.1 Each boat shall be presented for the pre-race equipment inspection with the mast down and prepared for weighing as required by the class rules. All side-tank inspection hatches shall be open.

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

7.7.3 The number of sails and spars which may be presented for the pre-race equipment inspection shall not exceed one mast, one boom, one spinnaker pole, one mainsail, two jibs and two spinnakers.

7.7.4 **[SP]** The tracking equipment shall be located as detailed in Addendum B.

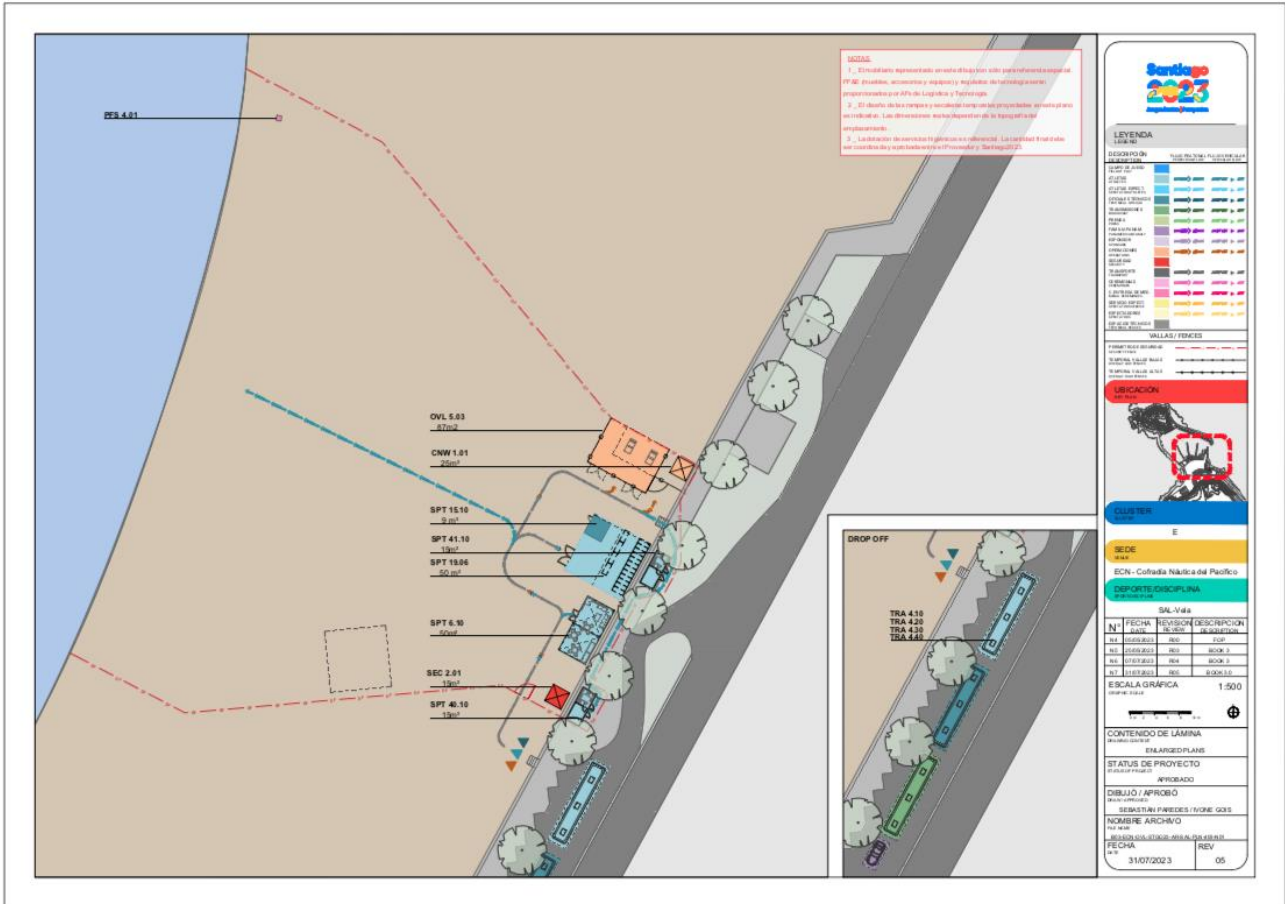
7.8 Men's and Women's Regional Dinghy

7.8.1 Each boat shall be presented for equipment inspection with the mast down. All inspection hatches shall be open.

7.8.2 The number of spars which may be presented for the pre-race equipment inspection shall be one mast, one boom, one sprit.

7.8.3 **[SP]** The tracking equipment shall be located as detailed in Addendum B.

2. EL QUISCO



EQUIPMENT REGULATIONS ADDENDUM B
LOCATION OF TIMING AND TRACKING EQUIPMENT

EVENT	LOCATION AND INSTRUCTIONS FOR TIMING AND TRACKING EQUIPMENT
Men's and Women's Windsurfing	To be carried in the supplied waterproof bag and worn by the competitor.
Men's and Women's Kite	To be carried in the supplied waterproof bag and worn by the competitor.
Men's and Women's Dinghy	To be carried in the mounting socket or attached to the aft end of the toe strap, as directed by the Organizing Authority. The mounting socket shall be installed by the Organizing Authority.
Men's and Women's Skiff	To be carried inside the mainsail pocket.
Mixed Multihull	To be carried inside the trampoline pocket.
Regional Mixed Dinghy	To be carried in the supplied waterproof bag and worn by the competitor or in the competitor clothes, as directed by the Organizing Authority.
Regional Mixed Dinghy (3-person)	To be carried in the supplied waterproof bag and worn by the competitor or in the competitor clothes, as directed by the Organizing Authority.
Men's and Women's Regional Dinghy	To be carried in the supplied waterproof bag and worn by the competitor or in the competitor clothes, as directed by the Organizing Authority.

