

2024 Olympic Sailing Competition

Olympic Events & Equipment

An urgent submission from the Board

Purpose or Objective

To propose a slate of equipment for the 2024 Olympic Sailing Competition that minimises changes from the equipment used in 2020.

This submission is based on urgent submission 037-18.

Proposal

2024 Events	2024 Equipment Proposal
Men's Windsurfer	Retain RS:X*
Women's Windsurfer	Retain RS:X*
Men's One Person Dinghy – Laser	Retained*
Women's One Person Dinghy – Radial	Retained*
New Event - Mixed Two Person Keelboat Offshore	Select New Equipment
New Event - Mixed Two Person Dinghy	Select New Equipment**
New Event - Mixed Kite	Select New Equipment
Men's Skiff – 49er	Retained
Women's Skiff – 49erFX	Retained
Mixed Multihull – Nacra 17	Retained

* Note the equipment for this event is also under Olympic Equipment Re-evaluation.

** Note the Board's proposal below concerning Mixed Two Person Dinghy and timescales/method for the evaluation.

1 Equipment Criteria for Mixed Two Person Keelboat Offshore:

Boat concept: Displacement monohull (non-foiling), short-handed deck layout.
 Length: 6 – 10 metres hull length
 Performance: Good all-round performance in 4 to 40 knots.
 Sails: Proper sail inventory for all conditions. Sloop rig with spinnaker

Supplied equipment

2 Equipment Criteria for Mixed Two Person Dinghy:

Boat concept: Displacement (Non-Foiling)
 Skipper weight range: 50 - 70 kg.
 Crew weight range: 65 - 80 kg.
 Sail size: Mainsail 9 - 10 m². Jib: 3 - 4 m² Spinnaker: 13 - 14 m²
 Sail types: Mainsail, headsail and spinnaker

Suitable wind range for competition: 5 - 35 knots.
 Builder / Class structure: Measurement controlled

Format proposal: Various options for fleet racing – trapezoid, windward/leeward, triangle courses, downwind slalom and/or middle gates.

Other Equipment considerations: Glass fibre reinforced with polyester construction, symmetrical spinnaker, single trapeze rig, class rules to permit adjustable and optionally arranged rig and sail control systems.

Evaluation: The selection of the equipment should be based on evaluation against these specified criteria without equipment trials being required. If the evaluation is concluded by the Equipment Committee well ahead of the Mid-Year Meeting, then Council should be asked to make a decision by electronic vote.

3 Equipment Criteria for Mixed Kite:

Board concept: Foiling
 Weight range for Men: 65 - 85 kg
 Weight range for Women: 50 - 70 kg
 Kite size: 7 - 21 m².
 Kite system: RAM-Air (foil-kite)

Number of permitted kites per event: 4 high performance, high aspect ratio kites.
 Number of permitted hydrofoil systems per event: 1 high performance, high aspect ratio systems.

Same equipment for Men and Women.

Equipment to be licensed once per Olympic cycle to ensure level playing field. The provisional timeline is that the licenced equipment will be confirmed 3 years before the next Olympic Games. This is not selecting new equipment but licencing improved models of the same equipment. The selection criteria should include manufacturing tolerances, quality management, worldwide distribution network and time, and other criteria as outlined in the current Olympic Classes contract.

Suitable wind range for competition: 5 - 40 knots.

Builder / Class structure: Registered Series Production Scheme with multiple licensed builders. All equipment within a model/series must be identical, and must be available worldwide without restrictions. World Sailing, in close cooperation with the class, manages the control of builders and licenses equipment.

Format proposal: Various options, including Short Track Relay on a short windward/leeward course, with team members (male and female) covering laps alternating, with a changeover zone. Competition may consist of an opening series in heats and a knockout stage including winner takes all final or other form of final (i.e. best of x race wins). Proposed target time 10 minutes for 4 laps, each team member covers 2 laps with a total of 3 changeovers.

Other Equipment considerations: The proposed registered series production equipment scheme is fully supported by sailors, the industry and the wider kiteboarding community over a one-design solution and reflects the IOC "urban sports" vision with variety of equipment similar to what is common in snowboarding, skateboarding and surfing. Equipment will be "frozen" per Olympic cycle to ensure confidence and reliability in equipment investment while ensuring controlled evolution from one Olympic cycle to the next. The selected class should be run by a well-established worldwide class authority with well-developed class rules following the ERS and SCR format.

Current Position

As above.

Reasons

This proposal minimises changes to the Olympic equipment for 2024.
