

**2024 Olympic Sailing Competition**

Olympic Equipment

A submission from US Sailing

Purpose or Objective

To select equipment for 2024 Olympic Games

Proposal

| Current Event & Equipment                  | 2024 Events – May 2018              | 2024 Equipment Proposal |
|--|-------------------------------------|-------------------------|
| Men's Windsurfer – RS:X *                  | Retained                            | New Equipment           |
| Women's Windsurfer – RS:X *                | Retained                            | New Equipment           |
| Heavyweight Men's One Person Dinghy – Finn | New Event - Mixed One-Person Dinghy | New Equipment           |
| Men's Two Person Dinghy – 470              | New Event - Mixed Two Person Dinghy | New Equipment           |
| Women's Two Person Dinghy – 470            | New Event Mixed Kite                | New Equipment           |

\* Note the equipment for this event is under Olympic Equipment Re-evaluation if retained.

Equipment Criteria for Men and Women Windsurfer

**Criteria to be approved by Council through other submissions.**

Equipment Criteria for Mixed One-Person Dinghy:

**Criteria to be approved by Council through other submissions.**

Equipment Criteria for Mixed Two Person Dinghy:

Boat concept: Displacement, capable of planing off the wind, capable of footing or pinching upwind.

Skipper weight range: Not critically important

Crew weight range: Not critically important

Team Minimum weight range: 400-430 kg for six persons, exact minimum to be determined once all other equipment for 2024 is decided. Corrector weights allowed.

Sail size: Appropriate for a 4.7-5.0 m dinghy

Sail types: Mainsail with reef points, and headsail, sloop rig, but gennaker or spinnaker possible as well.

Suitable wind range for competition: 5-30 knots.

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Builder / Class structure: Not important

Format proposal; 3 on 3 team racing utilizing existing athletes otherwise qualified in other events.

Other Equipment considerations: Provided boats with bumpers on bow and aft quarters.

Equipment Criteria for Mixed Kite:

**Criteria to be approved by Council through other submissions.**

#### Current Position

As above.

#### Reasons

A second medal opportunity in provided boats utilizing existing athletes that otherwise qualified in other events in a three on three team racing format.

- Single round robin knock out competition
- Every nation that qualifies at least three men and three women in other events is eligible.
- Event quotas in other events are therefore greater.
- Seeding method to be determined at a future date.
- Weight equalization with correctors (minimum combined team weight TBD)
- Target time for each race about ten minutes.
- Simplification of team racing rules and call book between now and 2020.
- Full graphic national flag sails.
- Winner is first to three points in each match.
- Gold medal determined in the final race.

This submitter suggests that international dinghies (without spinnaker) such as Lark, Firefly, Tasar, FJ, Hansa 303, 420, 470 or B14 might be good choices, but the actual boat chosen is not particularly important. The host to provide a fleet of twenty-four boats to enable four matches to be sailed in a flight. The key point is that team racing would be incredibly exciting, and a mixed team event would be a great opportunity for Sailing. A second medal opportunity would help to create heroes in our sport. This submission may be approved as 2 on 2 as well.

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