2024 Olympic Sailing Competition

Olympic Equipment

A submission from the International RS:One Class Association

Purpose or Objective

To propose equipment criteria, format and pathway for the Olympic windsurfing events.

Proposal

<table>
<thead>
<tr>
<th>Current Event &amp; Equipment</th>
<th>2024 Events – May 2018</th>
<th>2024 Equipment Proposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Men’s Windsurfer – RS:X *</td>
<td>Retained</td>
<td>New Equipment</td>
</tr>
<tr>
<td>Women’s Windsurfer – RS:X *</td>
<td>Retained</td>
<td>New Equipment</td>
</tr>
<tr>
<td>Heavyweight Men's One Person Dinghy – Finn</td>
<td>New Event - Mixed One-Person Dinghy</td>
<td>Select New Equipment</td>
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<tr>
<td>Men's Two Person Dinghy – 470</td>
<td>New Event - Mixed Two Person Dinghy</td>
<td>Select New Equipment</td>
</tr>
<tr>
<td>Women's Two Person Dinghy – 470</td>
<td>New Event Mixed Kite</td>
<td>Select New Equipment</td>
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</tbody>
</table>

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

Equipment Criteria for Men and Women Windsurfer

Concept: Convertible

- 1x board;
- 1x foil;
- 1x fin;
- 1x sail;
- 1 x rig - ie 1 mast, 1 boom, 1 mast extension.

Same board for Men and Women but with different sail size

Suitable wind range for competition: 5 - 30 knots.

Athlete weight range for Men: 65 - 80 kg.

Athlete weight range for Women: 55 - 70 kg.

Builder/Class structure: Manufacturer controlled One Design.
Formats
Convertible concept – ie one board fitted either with a foil or a fin – permits easy transition between a variety of formats, on both fin and foil:
‘Regatta’ – classic course racing
‘Pulsar’ - short course races with reaching starts
‘Slalom’ – downwind 5 buoy slalom
‘Super 8’- in and out reaching Slalom, including long distance
‘Adrenaline’ – pure speed, individual timed runs.

Other equipment considerations
Keeping competition costs to the minimum by limiting the amount of equipment:
- Affordable initial cost and affordable to maintain;
- Easily transportable, including by aeroplane

Equipment Criteria for Mixed One-Person Dinghy:
Criteria to be approved by Council through other submissions

Equipment Criteria for Mixed Two Person Dinghy:
Criteria to be approved by Council through other submissions

Equipment Criteria for Mixed Kite:
Criteria to be approved by Council through other submissions

Current Position
As above.

Reasons
Windsurfing has many advantages over other forms of sailing due to its versatility across a range of disciplines and formats. The convertible concept takes this versatility to a new level.

This equipment concept can represent the very best high performance windsurfing equipment available on the market today, for racing across the broadest range of conditions; keeping olympic windsurfing looking modern and exciting.

The convertible board concept (ie board with an inter-changeable foil and fin) allows for competition to be adapted to meet the variable challenges that are found at different event locations; and to manage a wide range of wind conditions & water states.