Purpose or Objective

To select the Europe as Equipment for the 2024 Olympic Games in the Mixed One Person dinghy event based on set criteria (for Women)

Proposal 1

The Europe Dinghy should be chosen as women’s equipment for the mixed one person dinghy.

It is following these proposed criteria:

Boat concept: Displacement (Non-Foiling) and hiking
Single mast and sail.

Sail size for women: 7 m²

Suitable wind range for competition: 4 to 35 knots and different sea state (flat, choppy, swell, …)

Athlete weight range for women: 50 – 75 kg.

Builder / Class structure: Measurement controlled Monotype, and:
- Possibility for identical supplied hulls at Olympic Games.
- Possibility for multiple licensed builders.
- Equipment available worldwide without restrictions.
- The selected class should be run by a well-established worldwide class authority with well-developed class rules following the ERS and SCR format.

- The equipment shall be seaworthy and capable of handling extreme wind and sea conditions.
- The equipment should have a long lifespan and high resale value for a high sustainability level.

Format proposal: The Europe is well suited to many formats allowing kinetics and showcasing both athleticism and endurance, tactical games and power sailing.

Various options, including:
- Duomix (results are based on a mixed format of relay and team cumulated time), evolving qualification system with selection, second chance for qualification and elimination. Winner takes all final. Lower pumping limit according to Class Rules, variable courses to adapt and make the most of sailing conditions and course area.
- Or format detailed in a separate submission but not binding to the present submission
- Or Format criteria to be approved by Council through other submissions
Proposal 2:
The men boat should be an existing equipment with worldwide distribution in order to reduce countries and sailors investment in a new non proven equipment.

The men’s equipment shall be suitable for men's which physique is not suited to the other men’s one person event.

Current Position
The Mixed One Person Dinghy is a new event.

Reasons

1. Suitability for athletes ranging from 50 to 75 kg.
The chosen Women's equipment shall be suitable for athletes ranging from 50 - 75 kg.

   The chosen equipment shall be suitable for almost all women sailors, which physique is not necessarily forced to achieve the narrow optimal body type needed for other equipment.

   At the 2017 November Conference Council set key criteria to define the 2024 Events and Equipment. One of the five criteria was to “Ensure that men and women of different physiques have an opportunity to compete”.

   The Europe Dinghy allows the widest weight range for sailors. At the World Championship 2017, the weight range on top 10 sailors was 14 kg (54 to 68 kg), and on the all fleet it was 20 kg (50 to 70 kg). During the Olympic period of the Europe Dinghy, sailors up to 75 kg were participating successfully at the regattas.

   The equipment shall be one design and meet strict class rules refined over the years to ensure the evenness of competition. However, slight changes in masts and sails within the allowed tolerances should allow sailors from a very wide weight range (much wider than other current Olympic classes) to be able to find equipment that allows them to be competitive without needing “the optimal body type” that exists in many classes. The result should be an equipment/class where all sailors have a chance, not only the sailors of a very narrow “one design weight”:

2. Availability and reliance on builders and market
The builders shall be independent to the chosen class. They should have proven their technical and professional capacity by staying in the market over the years. They should be able to adjust to the market demand. Equipment builders should have demonstrated expertise and experience by supplying quality products to the fleet.

3. Reliable and sustainable equipment
The chosen equipment should demonstrate reliability with quality control, performance and longevity in order to reduce costs. Hull should last at least a four years campaign and masts at least 10 years while remaining performant with a proven longevity.

   Average age of the hulls on the 2017 World Championship top 10 women sailors was 8.99 years. Average age of the masts on the 2017 World Championship top 10 women sailors was 9.1 years.
Hull and masts should keep a high resale value to encourage a strong second hand market and class growth. The chosen equipment should prove seaworthiness with high buoyancy level and capability to handle various wind and sea conditions in order to maximise safety while allowing spectacular racing in great sailing conditions.