**Olympic Equipment**

Onboard Technology

A submission from the Chairman of the Equipment Committee

**Purpose or Objective**

To include in the Equipment Committee’s Olympic, Paralympic and Youth Olympic Equipment Criteria, the suitability of the Equipment to enable the best possible onboard technology for broadcast, tracking and athlete performance information.

**Proposal**

Each Equipment that is new or evolved for the Olympic Sailing Competition, Paralympic Sailing Competition or the Youth Olympic Sailing Competition shall include separate deck or spar reinforcements for mounting fixtures to carry:

- broadcasting technology
- positioning system technology
- onboard audio and biometric technology

Each deck and spar arrangement will be defined by WS once the equipment is selected.

**Current Position**

There is no current requirement for Equipment to be considered with regards to its suitability for onboard cameras, trackers, microphones, heartrate monitors and the like. There is no requirement in the Olympic Classes contract or for the class rules to mandate locations or attachment points for these systems.

**Reasons**

1. To provide consistency between regattas for athletes, officials and audiences regardless of the technology provider.
2. To provide clarity for manufacturers, MNAs and athletes at the beginning of the development cycle, thereby minimising modification and retrofitting costs.
3. Avoid compromise and debate amongst technology providers and athletes by including from the beginning of the development.
4. Enable the Equipment to support the evolution of onboard technology without changing the Equipment’s design or restricting the technological options.
5. A standardised, measurable location will enable technology providers to reliably highly, accurate data that will enable Electronic Officiating.

6. Encourage all new classes and designs to incorporate onboard technology into their design.

7. Enable the technology provider markets to have a common platform to develop from to provide improved technology solutions to the sport.

8. Reduce the burden on event organisers and officials to create documentation for each event by enabling standard practice and language.

9. Enable the sport to encourage best practice for onboard technology and minimise athlete and performance impact.

10. Enable cost effective productive of dummies and generic components by providers.