

1. Introduction

- 1.1 As part of the Technical Services that World Sailing provides to Classes, the Office manages and runs an 'Equipment Registration Scheme' that can be used to determine the eligibility of equipment at class events. The scheme is used by classes seeking the following benefits:
- To avoid sailors competing with custom made equipment,
 - To control the development of equipment by determining when equipment needs to be registered with WS before being eligible at their events,
 - Reliance on World Sailing for Class Rules compliance and technical disputes as the scheme provides World Sailing with overview of the technical specifications for registered models.
- 1.2 In line with the World Sailing Strategy to increase growth and provide additional services to classes, the office has been searching for opportunities to improve, grow and expand the Scheme. This has been executed in two ways:
- Introduction of an online registration process for the existing Board Registration Scheme.
 - Enrolment of the Formula Wingfoil Class within the scheme and implementation of a system by which to register Foils and Wings to be eligible for use at Formula Wing events.

2. Board Registration Scheme

- 2.1 The Executive Office currently operates a Board Registration Scheme as part of the wider equipment registration scheme. It's used to register production boards for use at major class events and ensures that the equipment being used is accessible for all competitors and no competitor is racing on custom, modified or prototype equipment by introducing minimum production runs and recording information for each board model.
- 2.2 Registration of equipment has historically been through the submission of PDF based forms that are filled in by the brand/manufacturer and emailed to the technical team, who then manually process the required information. Once the Board to be registered has been checked against class rules to ensure its compliance and all supporting documentation has been verified, the manufacturer is invoiced a fee to cover the administration of the process. Correct information and settled invoices result in the Board being uploaded to one of the three "Approved Series Production Equipment Lists" which can then be used by the technical committee at events to verify any boards entered for racing.
- 2.3 The system is used to register boards for the Raceboard, Funboard, Youth Funboard and Formula Windsurfing classes, with each class having individual minimum production run and deadline requirements. Table 1 shows the number of boards registered in the last 5 years.

	2021	2022	2023	2024	2025
Funboard & Youth Funboard	43	68	58	72	13
Formula	4	10	6	3	1
Raceboard	1	3	-	4	-

Table 1. Number of models registered from 2021.

- 2.4 Table 2 Shows the pre-registered models currently under review

	2025
Funboard & Youth Funboard	36
Formula	-
Raceboard	-

Table 2. Number of models pre-registered in 2025.

3. Formula Wing Registration Scheme

- 3.1 Work has been ongoing with the Formula Wingfoil Class to create a system for registration of equipment, making it eligible for use at Formula Wing events. This allows the class to have more oversight and control over equipment being used, whilst also ensuring fair opportunity for competitors by introducing minimum production runs allowing all competitors access to the best and latest equipment. Introduction of the scheme also supports their application to become a World sailing class.

- 3.2 In contrast to the Board Registration Scheme already in place, the Formula Wing Registration Scheme does not cover boards, but instead the following items:

- Sails - “Wings”
- Foil systems:
 - o Front wing
 - o Rear wing
 - o Fuselage
 - o Foil mast
 - o Glider (combined front wing, fuselage and rear wing)

The System takes inspiration from the current Board Registration Scheme, with Smartsheets being used as the platform through which to create and host forms for information collection. Equipment must be registered 30 days prior to the start of a major competition and must meet the following minimum production run requirements:

- Foil items: 50 units per size
- Wings: 25 units per size

- 3.3 To introduce the system in a controlled method and allow manufacturers time to collect the required information the implementation has been split into three discrete Phases.

Phase 1

- For equipment models in production before 1st May 2025
- Encompasses all equipment already in production.
- Focuses on a single stage registration process.
- Registers current equipment so that it is eligible for use at Formula Wing events as established in the Class Rules.

Phase 2

- For equipment models starting production on or after 1st May 2025
- Encompasses new equipment
- Focuses on two stage pre-registration and registration process
- Introduces the use of the World Sailing Approved Series Production Equipment Logo for easier identification of equipment that is eligible for use at events.

Phase 3

- For equipment model entering production after acceptance as a World Sailing Class (01st January 2026).
Requirement for submission of additional information, as per requirements for other classes to aid in dispute resolution or identification of production issues (e.g. Laminate specifications).

3.4 The system has received the following registrations so far (as of the publish date of this document):

	FOIL MAST	GLIDER SYSTEM	FRONT FOIL	REAR FOIL	FUSELAGE	WING (SAIL)	TOTALS
CHUBANGA	8	5	2	2	-	-	17
DUOTONE	10	-	19	9	8	55	101
F4 FOILS	2	1	7	8	-	5	23
F-ONE	2	2	1	-	-	-	5
FREEWING	-	-	-	-	-	16	16
GAASTRA	1	-	5	2	1	59	68
GONG	6	-	9	8	3	28	54
LEVITAZ	15	-	15	10	4	-	44
MIKESLAB	7	15	-	-	-	-	22
NEIL PRYDE	-	-	-	-	-	18	18
NORTH FOILS	2	-	4	5	3	11	25
OZONE KITES	-	-	-	-	-	30	30
PPC FOILING	-	-	-	-	-	6	6
RRD	-	-	-	-	-	29	29
SABFOIL	2	-	5	3	3	6	19
THE VIRUS	-	-	-	-	-	5	5
VAYU	-	-	-	-	-	3	3
VOLO	1	1	-	-	-	-	2
ZAOLI	-	-	-	-	-	18	18
TOTALS	56	24	67	47	22	289	505

Table 3. 2025 Formula Wing Registrations

4. Recent Activities

4.1 World Sailing Approved Series Production Logo Update

One of the scheme requirements is the application of the “World Sailing Series Production Equipment” Logo – used to quickly identify equipment within the scheme at events. Due to the inclusion of new classes within the Scheme and to reduce the complexity to manufacturers, the office has moved towards a simplified, generic logo for series production equipment. This removes the “Funboard”, “Raceboard” and “Formula” wording from the logo, requiring manufacturers of equipment in multiple classes to only produce one logo, rather than the 3 previously required. Boards/equipment can still be identified via the published lists to check their eligibility in specific classes.

4.2 Board Registration Scheme

To speed-up the process, reduce the amount of information being processed by the technical team and to make it faster and easier for brands and manufactures to submit all requirements, adoption of an online form based registration has been assessed and implemented. Smartsheets was chosen as a platform as it allows for efficient data collection and reporting as well as the additional benefit of in-built automation and sorting capabilities to aid in processing of received data.

4.3 Formula Wing Registration Scheme

To ensure that all manufacturers are reporting the same information, the technical team has been working alongside the IWSA and equipment manufacturers to establish a measurement system - defining measurements required for registration. The following measurements are to be taken as part of the system:

Reported Measurements				
Front Foil	Rear Foil	Fuselage	Foil Mast	Wing (sails)
- Span (b) - Projected area (A) - Aspect ratio - Chord from centre of fuselage - Weight - Length	- Span - Projected area - Aspect ratio - Chord from Centre of fuselage - Weight - Length	- Length - Weight - Max width - Max height - Glider Weight if glider submitted - Glider length (depends on glider type)	- Connection Type - Length - Effective Length - Weight - Minimum Chord - Profile Thickness at Minimum Chord	- Projected Area - Fuselage Length - Span - Number of handles - Inflation pressure - Aspect Ratio - Minimum Window Size - Window Material - Main wing material - Wing Weight - Diameter of Front Tube

Table 4. Proposed Formula Wing Measurements.

5. Next Steps

5.1 Formula Wing registration Scheme

The next step is to move on to Phase II of the Formula Wing registration Scheme and implement the measurement system outlined above. Implementation will be through a two-phase process as outlined in the board registration scheme.