

## **FORMULA WINDFOIL**

Date: June 10<sup>th</sup> 2017

### **FROM**

Danish Boardsailing Organisation (DEN) and German Windsurfing Association (GER)

### **CURRENT SITUATION**

There is currently no class to organise and control the development of windfoils for upwind/downwind racing.

### **PROPOSAL**

The IFWC shall develop a new “Formula Windfoil” class that will allow the concept to be tested and developed *in parallel* with the existing Formula Windsurfing class.

The “Formula Windfoil” sub-class should be included in international Formula Windsurfing events as a test in 2018, with the ambition to make it an official class by 2019 (in parallel with the existing FW class, on the same course).

“Formula Windfoil” should be based on a box rule, similar to FW, with the following limitations (details to be defined by the FW committee):

- Max. sails size: 9-12.5m<sup>2</sup>? (sails larger than 9 m<sup>2</sup> are unattractive to many sailors and currently don't improve planing with windfoils - but that might change with development)
- Max. board width: 90-100.5 cm? (100 cm boards are impractical for travel and difficult to carry – but they might improve planing and upwind performance and allow for existing FW boards to be used)
- Max. “foil mast” length: 85-100.5 cm? (longer foils might improve upwind performance but are impractical)
- Max. equipment allowed per event:
  - 1 board
  - 1 foil
  - 2 sails?
  - 1 fin? (for very high wind/less experienced sailors)
- Reg. period for boards (and foils?): 1-2 years? (from 2019 or 2020). Approved slalom boards also to be allowed.

### **REASON**

Windfoils makes course racing possible without the need for 12 m<sup>2</sup> sails. Today, windfoils with 8-9 m<sup>2</sup> sails and 85 cm boards can compete with FW in marginal conditions. It will attract sailors that do not compete in FW today because of the large, heavy sails and the cost. Windfoil course racing can be done with an existing 85 cm slalom board and a 7.8 or 8.6 m<sup>2</sup> sail, so that a full quiver for both course racing and slalom can be reduced to 3 boards, 4-5 sails - and a foil.

### **PROCEDURE**

To be implemented by the IFWC.