



## BUILDER SPECIFICATION UPDATE NO 5

### GC32 - Foil rake drum

#### **Revision:**

| Date       | Status                          | Editor |
|------------|---------------------------------|--------|
| 12-01-2017 | First Version                   | SD     |
| 16-01-2017 | Feedback class                  | CS     |
| 19-01-2017 | Final version Approved by class | SD     |

This update and information is given in accordance of the GC32 Racing Rules.

#### **Goal:**

The purpose of this change is to avoid a hard to adjust foil rake system, when it's under heavy load. Which safes the crews energy and make it easier to adjust while fully hiking or during maneuvers.

To avoid this, it is believed that it is key to have less friction of the bronze bearing rotating in the stainless baseplate of the existing foil rake drum. TGC (The Great Cup), suggest to add ball bearings on both sides of the foil rake gearing wheel.

We've designed a new foil rake drum with ball bearings on both sides of the foil rake gearing wheel, which makes it way easier for the bowman to adjust the foil rake while he is fully hiking, and much easier to rake the foil on and off during the foiling gybes.

#### **Procedure:**

- TGC has the new foil rake drum available.

#### **Installation instruction**

1. Undo the bolts on the aft side of the foil rake spindle frame.
2. Screw the gearing wheel off of the spindle, by rotating the gearing wheel.

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3. Take the new foil rake drum, and screw it onto the spindle, by rotation the gearing wheel.
4. Bolt the foil rake drum onto the foil rake spindle frame.
5. Rake the upper bearing fully to the front of the foil case.
6. Feed the foil rake line into the gearing wheel from above.

## Annex

