



## BUILDER SPECIFICATION UPDATE NO 7

### GC32 - Rudder gudgeon brass bearings

#### **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

#### **Goal:**

The purpose of this change is to avoid degradation of the hole in Stainless Steel the gudgeons.

To avoid this, it is believed that it is key to add bearings of a material with a better hardness. TGC (The Great Cup), Suggest to add a bronze bearing into the hole of the stainless steel rudder gudgeon.

This upgrade is made to avoid degradation over time. Less degradation provide extra safety, by having better control over the rudder while doing 30 knots+. This, because you minimizing the movement of the rudder.

#### **Procedure:**

- TGC has brass bearings available.
- This job needs to be done by a professional, with the right machines.



## **Installation instruction**

1. Existing holes need to be drilled bigger, and perfectly inline by a milling machine.
2. The brass bearing needs to be pressed very precise into the rudder gudgeon.
3. And after this the brass bearing will be roomed by a special tool, exactly on the diameter of the rudder quick pin.



**Annex**

