

Submission: AUS 2

Reporting committee: **ITC**
MEASUREMENT COMMITTEE

MEASUREMENT OF CARBON MASTS

PROPOSAL

If the mast is made of carbon, MWT and MCG measurements are made optional and the ORC Manager 2 and VPP software is modified accordingly.

Change rule F9.8 to

F9.8 **Carbon mast.** If the mast is made of carbon, this shall be recorded as ~~%YES~~ or ~~%NO~~. A ~~carbon mast may~~ ~~shall~~ have **MWT** and **MCG** measured according to F8, or may have this data provided by the designer.

Current Position

IMS rule A7.2 allows for discretion on the part of the Chief Measurer to allow alternate sources of data. There is no rule specifically allowing design data and full measurement is generally required. Plans, by definition, are out-dated as almost all designs are now completed using recognised CAD or other software applications specific to industrial design which can analyse geometry to great accuracy, typically up to 9 decimal places. The data for carbon masts is mandatory.

RATIONALE

It is generally accepted that the costs in time and financial resources in weighing and physically testing a carbon masts centre of gravity are inhibiting factors on boats being measured under IMS for the ORC International rules. The change may be considered a business decision and achieve greater buy-in to the rule by owners and designers.