PAPER TIGER CLASS

MEASUREMENT QUESTION AND ANSWER

Dated 4 February 2015

The International Measurers have been asked the following measurement question.

Question:

Can the wire hawse traveller permitted in the rules be replaced with a modern non-stretch line (eg. Vectran, Spectra, Dyneema)? and can a line traveller be attached to the end of the aft beam to allow the same length as a track traveller?

Interpretation:
Rule 1 "General" in the class rules says. " Details of fittings and method of construction on the plans are typical only. Alternative fittings may be used so long as they are not prohibited elsewhere in these rules." It provides some examples. Rule 3.8 provides for a track to be used as an option to the hawse wire on the plan. Although rule 3.8 uses the word wire, in this context we believe the word wire is incidental and does not require the hawse to be made from wire. Rather we believe the latitude for use of alternative materials provided in rule 1 takes precedence.

Decision:
We have decided the hawse can be made from a suitable alternative material to wire. Furthermore we have decided the fixing point for the hawse can be at any point on the top surface of the rear beam, but the hawse, as with a fixed traveller, cannot extend beyond the ends of the top surface of the beam.

We will be recommending rule 3.8 be amended to clarify this matter.

Question:

Can the aluminium L plates (max 50x50mm and 4-6mm section thickness) currently permitted and used to attach beams on the inboard side of decks be strengthened with alloy side plates to reduce the risk of cracking the L plate?

Interpretation:

Rule 3.3 allows brackets to be used as an option to the advisory configuration, however it is an "L" bracket of maximum size 50mm x 50 mm x 50mm and made of aluminium with a thickness of 4 to 6 mm. This option is very specific and any other shape or dimensions outside this specification is not permitted as the optional way of fixing the beam.

Decision:

We have decided the L plates can not be strengthened by side plates.

International Measurers:

New Zealand – Jamie Sutherland
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