

Rijeka, 2004-08-12

Interpretation 2004-IOM-4

INTERPRETATION ON THE INTERNATIONAL ONE METRE CLASS RULES

Interpretation requested by the Portuguese IOM NCA as follows:

Is it permitted to use a “Texalium” in the IOM moulding hulls?”

Relevant rules

International One Metre Class Rules D.2.1(a)(3); D.2.1(b)(2),(3) and (4)

Discussion

“Texalium” is a woven, aluminium coated, glass fibre, epoxy prepeg (or not) product. Aluminium is applied on one side through a special treatment (sublimation and re-condensation in a vacuum, in a 0.025 µm thick coat) and needs the use of a specific “coupling agent” which allows good mechanical behaviour.

Aluminium coat has an aesthetics function. Physical and mechanical properties of Texalium are consistent with that of a plain glass fibre reinforced plastic.

Glass fibre reinforced plastic (GFRP) as defined by class rule D.2.1(a)(3) excludes everything except glass fibre reinforcement as defined by class rule D.2.1(b)(4) and laminating resin as defined by class rule D.2.1(b)(3).

Class rule D.2.1(b)(2) permits an external paint coating to the GFRP.

“Texalium” has internal metal content and “coupling agent” which contravene class rule D.2.1(b)(4).

Decision

It is not permitted to use “Texalium” in the IOM moulding **hulls**.

Interpretation decided by a Sub-Committee:

Robert Grubisa,	Technical Committee Chairman of the ISAF-RSD
Rick Martin,	Technical Committee Vice-Chairman of the ISAF-RSD
Charles Detriche,	Vice-chairman (Technical) of the IOM ICA.