

THE DECK LIMIT MARKS ON INTERNATIONAL MARBLEHEAD AND INTERNATIONAL ONE METRE BOATS

Clarification has been requested by the Model Yachting Association, GBR, as follows:

What would be the proper response by the **Certification Authority** should a measurer note on a measurement form that the rig height measurements are taken from the higher (or lower) of two alternative (but equally valid) points on deck?

Relevant Rules

The deck **limit marks** are defined in the rule D.1.5 of the International One Metre Class Rules 2002 and in the rule D.2.1 of the International Marblehead Class Rules 2002.

The measurement of rig heights to the defined deck **limit marks**, for which only simple placement restrictions exist, is clearly described in the above mentioned documents and so a formal interpretation is not considered necessary.

Comment on background to class rules

The Technical Committee has been aware of potential problems should the class rules seek to prescribe the part of the boat to which height measurements shall be taken. In classes where this prescriptive approach is used there are usually complex rules governing freeboard, sheer, tumblehome and deck camber and recesses. These complexities have been deliberately avoided in the Marblehead and IOM classes on the grounds that the point to which height measurements are taken is relatively non-critical.

Fundamental Measurement

International One Metre Class Rules 2002:

D.1.5 DECK LIMIT MARK

The deck **limit mark** shall be displayed on the centreplane of the **hull** near to the mast position. It shall be a minimum of 5 mm in diameter.

International Marblehead Class Rules 2002:

D.2.1 DECK LIMIT MARKS

A deck **limit mark** for each rig/sail group, A, B and C recorded on the **certificate**, shall be displayed on the **hull** centreplane near to the relevant mast position. Each shall be a minimum of 5 mm in diameter.

The owner must decide where to display the deck **limit mark** having in mind the relevant class rules. The only requirements are that the mark(s) shall be a) on the hull centreplane, b) near the (relevant) mast position and c) a minimum of 5 mm diameter. IOMs will display a single deck limit mark, while Marbleheads will display a mark for each of the rig/sail groups declared on the certificate. Therefore the owner must designate the mark that is to be used for each rig/sail group. Such a mark may serve for more than just one rig/sail group if the owner so designates.

The measurer's task is to check the deck **limit marks** against the relevant rules. So, if the requirements quoted above are satisfied, the measurer will complete the MF and send it to the CA.

When there are multiple unlabeled limit marks, the measurer is not in a position to decide which one(s) should be used to comply with the class rule. Neither is it the responsibility of the measurer to suggest to the owner which marks should or should not be used, nor is it the duty of the measurer to offer advice on the proper position of **limit marks**. Instead he should ask the owner to designate the marks.

Event Measurement

Event measurers may wish to make deck limit marks 'permanent' in some way by signing over the top.

As usual, if the **official measurer** has any doubt concerning the application of, or compliance of any part of the **boat** with the **class rules** he/she shall report it on the measurement form(s) before sending them to the **certification authority** and not sign measurement form(s).

Robert Grubiša, ISAF-RSD Technical Committee Chairman

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