

2011 AGM Technical Report and Class Rule Changes

These proposed changes were proposed and explained by the Chairman of the Technical Committee Dr Philip Dohse.

A. Change of Rule 2.346 and Rule 2.347

1. The present wording of Rule 2.346 and Rule 2.347 is:

2.346

The deck shall be of larch, Scandinavian pine or fir, Oregon pine, spruce, or plywood, not less than 14 mm thick and weighing not less than 432 kg/m³ and covered with canvas of not less than 236 g/m² and painted, or covered with any other material of equivalent weight.

2.347

The deck may be of plywood, or plywood overlaid with teak, of not less than 15mm total thickness and weighing not less than 7.6 kg/m².

2. The following wording of Rule 2.346 and Rule 2.347 is suggested:

2.346

The deck shall be of timber (including plywood) and may be covered with other material. The deck shall be not less than 15 mm thick and weighing not less than 7.6 kg/m². Samples of the deck shall be supplied as specified in Rule 2.102.

2.347 Spare

3. The changes of Rule 2.346 and Rule 2.347 are marked below:

2.346

~~The deck shall be of timber larch, Scandinavian pine or fir, Oregon pine, spruce, or (including plywood); and may be covered with other material. The deck shall be~~ not less than 15 ~~14~~ mm thick and weighing not less than 7.6 kg/m². ~~432kg/m³ and be covered with canvas of not less than 236g/m² and painted, or covered with any other material of equivalent weight.~~ Samples of the deck shall be supplied as specified in Rule 2.102.

2.347 Spare

~~The deck may be of plywood, or plywood overlaid with teak, of not less than 15mm total thickness and weighing not less than 7.6kg/m².~~

4. Reasons of the changes of Rule 2.346 and Rule 2.347:

Presently Rules 2.346 and 2.347 are contradictory with regard to the weight. According to Rule 2.346 the deck must have a weight of not less than 6.716 kg/m² (deck: 432 kg/m³ ./. 1000 mm x 15 mm plus the weight of canvas or other material of 236 g to be added) which is less than according to Rule 2.347 which says that the weight shall 7.6 kg/m².

This should be clarified in the meaning that the deck should not be less than 15 mm thick and weigh not less than 7.6 kg/m².

Further, specific types of timber may be used according to Rule 2.346. Insofar one has to bear in mind Rule 2.12 which allows the use any other type of timber if it has the same weight and if it has at least the same durability. Therefore there is no need to mention specific types of timber in Rule 2.346.

Overall the proposed change makes the Class Rules easier to understand and clarifies differences between the present Rules 2.346 and 2.347 as only the weight and the thickness are decisive. The change will not increase the costs of the boat.

B. Change of Rule 2.507

1. The present wording of Rule 2.507 is:

2.507 Floors

A minimum of 8 floors shall be fitted. The maximum spacing between adjacent floors shall be 700 mm. The floors may be formed as part of the internal hull moulding. No part of a floor shall extend below 1000 mm from a line joining the sheerlines. The floors shall extend up to the underside of the cabin sole.

The floors shall be of a uniform laminate of 7.5 kg/m². The floors shall be bonded to the hull with a laminate of not less than 6 kg/m².

Floors supporting the mast may be connected by longitudinal members. Any longitudinals shall, including any bonding flange, not extend more than 100mm forward of station 4 or exceed 350 mm in width. The distance between the top of any longitudinal and the underside of the deck shall not be less than 650 mm.

2. The following wording of Rule 2.507 is suggested:

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A minimum of 8 floors shall be fitted. The maximum spacing between adjacent floors shall be 700 mm. The floors may be formed as part of the internal hull moulding. The floors shall extend up to the underside of the cabin sole. No part of a floor shall extend below 1000 mm from a line joining the sheerlines unless the floors lead into and/or are parts of bulkheads.

The floors shall be of a uniform laminate of 7.5 kg/m². The floors shall be bonded to the hull with a laminate of not less than 6 kg/m².

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Floors supporting the mast may be connected by longitudinal members. Any longitudinals shall, including any bonding flange, not extend more than 100 mm forward of station 4 or exceed 350 mm in width. The distance between the top of any longitudinal and the underside of the deck shall not be less than 650 mm.

4. Reasons of the change of Rule 2.507:

Presently Rule 2.507 says that the size of the floors in direction to the keel is limited to "1000 mm from a line joining the sheerlines" meaning that under the floors is some space. On the other hand the bulkheads are mentioned in different Class Rules, some of which are built at the same places as the floors. Therefore it should be clarified that the floors may be connected to or lead into the bulkheads in order to make clear that no space is necessary under the floors where bulkheads are fitted.

Overall the proposed change clarifies the Class Rules and prohibits differences opinions regarding the construction of floors on the one hand and bulkheads on the other. The change will not increase the costs of the boat.

The changes were approved unanimously.

Philip also advised that after reconsideration by the Technical Committee, a proposal from Antigua to allow floating Anchor Lines in future (CR 11.10.2) could not be supported and the rule will remain unchanged.