Hull Construction Standards (Scantlings)

OSR 3.03

A submission from the Chairman of the OSR Yacht Structures Working Party, Member Special Regulations Sub-committee.

Proposal

3.03 Hull Construction Standards (Scantlings)

Table 2

<table>
<thead>
<tr>
<th>LOA</th>
<th>earliest of age or series date</th>
<th>race category</th>
</tr>
</thead>
<tbody>
<tr>
<td>All</td>
<td>January 1986 and after</td>
<td>MoMu0,1</td>
</tr>
<tr>
<td>12m (39.4 feet) and over</td>
<td>January 1987 and after</td>
<td>MoMu2</td>
</tr>
<tr>
<td>under 12m (39.4 feet)</td>
<td>January 1988 and after</td>
<td>MoMu2</td>
</tr>
</tbody>
</table>

3.03.1

(a) A yacht of less than 24m in hull length (measured in accordance with ISO 8666) with Age or Series Date on or after 1 June 2009 1 January 2010 shall have:

- been designed and built in accordance with the requirements of ISO 12215 Category A *
- on board a certificate of building plan review from a notified body recognized by ISAF.
- on board a declaration signed and dated by the builder to confirm the yacht is built in accordance with the plans reviewed by the Notified Body.

(b) A yacht of 24m in hull length and over (measured in accordance with ISO 8666) with Age or Series Date on or after 1 June 2009 1 January 2010 shall have:

- been designed and built in accordance with requirements as from time to time specified by ISAF.
- on board a certificate of building plan review from an organization recognized by ISAF.
- on board a declaration signed and dated by the builder to confirm the yacht is built in accordance with the requirements.
3.03.2 A yacht of less than 24m in hull length (measured in accordance with ISO 8666), irrespective of Age or Series Date with Age or Series Date on or after 1 January 2010, if subject to any significant repair or modification to the hull, deck, coachroof, keel or appendages on or after the 1 June 2009 1 January 2010, shall have

- the repair or modification designed and built in accordance with ISO 12215 Category A*
- on board a certificate of building plan review for the repair or modification from a notified body recognized by ISAF
- on board a declaration signed and dated by the builder to confirm that the repair or modification is in accordance with the requirements of ISO 12215 Category A *

A yacht of 24m in hull length and over (measured in accordance with ISO 8666), irrespective of Age or Series Date with Age or Series Date on or after 1 January 2010, if subject to any significant repair or modification to the hull, deck, coachroof, keel or appendages on or after the 1 June 2009 1 January 2010, shall have

- the repair or modification designed and built in accordance with the requirements as from time to time specified by ISAF.
- on board a certificate of building plan review for the repair or modification from an organization recognized by ISAF
- on board a declaration signed and dated by the builder to confirm that the repair or modification is in accordance with the requirements.

3.03.3 In cases when a builder no longer exists a race organizer or class rules may accept a signed statement by a naval architect or other person familiar with the requirements of 3.03.1 and 3.03.2 above and in lieu of the builders declaration required by 3.03.1 and 3.03.2 above.

3.03.4 A yacht with Age or Series Date on or before the 1 June 2009 1 January 2010 shall comply with 3.03.1, 3.03.2 and 3.03.3 above or with appendix M to these OSR.

* or as from time to time specified by ISAF

Appendix M

M.1 A yacht with Age or Series Date laid down or with a series date on or before the 1 June 2009 1 January 2010 shall comply with ORS OSR 3.03.1, 3.03.2 and 3.03.3 or with this appendix.

Table 2
Current Position

As above

Reason

To address the conflict with “yacht with Age and Series date” in 3.03 and “yacht laid down” in Appendix M. Age or Series date has a definition of date of first launch and <not> date of initiating construction. For consistency, the defined term “age or series date” should be used throughout.

Due to this conflict the requirement date has been changed to 1 January 2010 otherwise it would be necessary for yachts launched (and not laid down) on 1 June 2009 to have the certificate of building plan review. It was never the intention to have the requirement of a yacht launched on 1 June 2009 to have the certification.

There is a conflict with OSR 3.03 and Appendix M with respect to repair and modification. Currently it is not clear if a yacht with Age or Series date before 1 January 2010 should be reviewed in accordance with M.3 or OSR 3.03(b). The proposed changes make it clear that it is in accordance with M.3.

There is no current standard for multihulls within the ISO 12215 framework and in accordance “Mu” has been deleted from the category for OSR 3.03. Accordingly multihulls should comply with the requirements in Appendix M.

Please note this modification should remove the need for OSR Interpretation 8, issued 11 June 2009.