



Request for Drawing Question / Interpretation No. 21

of

AC Class Rule Version 1.4: December 8th 2015

Rule References:

- 8.4 **Cross structure** or fittings attached to **cross structure** shall only be allowed in the area detailed in Appendix D, except for:
- (a) spray guards within 0.500 m of the local inboard edge of the **hull** and between **cross structure** beams. The material used for the spray guards shall be capable of being folded flat in any direction and shall be in addition to the required **trampoline**; and
 - (b) **ACEA** media equipment and associated fittings.
- 8.5 When viewed orthogonal to **MWP**, the combined projected area of the **cross structure** within 3.200 m of the **yacht centerplane** shall not exceed 33.00 m². Spray guards referred to in Rule 8.4(a) are excluded in this projected area calculation. Additionally:
- (a) this area shall be symmetrical about the **yacht centerplane**; and
 - (b) **rigging**, fittings, attachments or other surfaces shall be included in this projected area if they have a chord length/thickness ratio greater than 3:1;

Rule 8.4 states: "Cross structure or fittings attached to cross structure...". We make reference to the word "attached" that the OED defines as "Tacked on, Fastened by a material union to."

Questions:

Consider the diag 1 below where a body [A], that could be a "fitting" or "other surfaces" or anything else for that matter, is in contact with another body or surface [B] simply by its own weight.

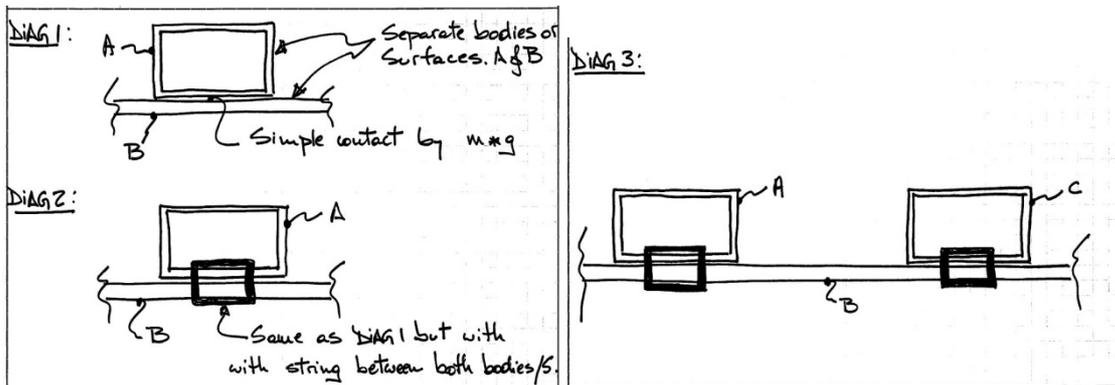
1. Are we correct in assuming that such bodies and/or surfaces are not attached?

Now consider diag 2, which is the same diag1 with the addition that both bodies/surfaces are bound by a string [or similar].

2. Are we correct in assuming that both bodies/surfaces are now attached? If the answer is NO, could you please specify the criteria and limits by which you will consider them attached?

Now consider diag 3, which is the same as diag 2 but shows a 3rd body/surface C which is bound to B in the same way as A. Note that A and C are not in contact whatsoever.

3. Are we correct in assuming that A and C are not attached?



Interpretation:

1. No. The bodies are attached.

The Oxford English Dictionary (OED) defines the verb attach as “a. To fasten or join (a thing) to another thing, or a place or position, by sticking, tying, stitching, clipping, etc.; to affix. Also: to adjoin directly. Usually with to.”

The OED defines the verb adjoin as “a. trans. To be located next to or very near (a thing, place, or person); to be adjacent or contiguous to; (also) to be physically joined, attached, or connected to.”

The Measurement Committee interprets this to mean that components adjoined directly are also attached.

2. Yes. The bodies are attached.
3. No, A and C are attached through component B.

If you are considering a component not clearly defined by your questions above, which may be a unique interpretation of Rules 1.4(h), 8.4 and 8.5 then it would be wise to provide details for clarification, and seek a further ruling from the Measurement Committee.

END

Issued by the America's Cup Measurement Committee on May 7, 2016