

# CHALLENGER OF RECORD & DEFENDER AMERICA'S CUP 36

## Interpretation 056 of AC75 Class Rule Version 1.16 issued 30<sup>th</sup> September 2020

### Rule References:

- 20.17 All sail skins of the mainsail shall be continuously attached to the mast tube from 1.5 m above MRP to 1.0 m below the highest mainsail head point. This does not prohibit mainsail cars, but they are not sufficient to continuously attach a sail skin to the mast tube
- 20.2 With the mast unloaded and supported in cradles, the external surface of the mast tube shall match the mast surface to within  $\pm 3$  mm for any cross-section parallel to the mast lower plane. The aft face of the mast tube shall be straight within  $\pm 10$  mm along the length of the mast tube. The mast tube may deviate from the mast surface within the mainsail attachment zones illustrated in Figure 20.1. Rebates for the attachment of components are permitted as long as such rebates are filled to match the mast surface within the aforementioned tolerances. The mast surface includes all cutouts for required fittings and no extra openings may be made in the mast tube other than those permitted in Rule 20.4.

### Questions:

1. Does Figure 20.1, or any other rule, impose the obligation to attach the mainsail luff attachment device, such as a bolt rope, in the area named "Mainsail attachment zone"?
2. Does Figure 20.1 apply to the bottom and top parts of the mast tube, precisely
  - a. 1.5 m above MRP;
  - b. above 1.0 m below the highest mainsail head point;where Rule 20.17 does not require to continuously attach the mainsail to the mast tube?
3. Is it permissible to attach (continuously or not) the mainsail to the mast tube outside the areas named "mainsail attachment zone" of Figure 20.1
  - a. below 1.5 m above MRP;
  - b. above 1.0 m below the highest mainsail head point;where Rule 20.17 does not require to continuously attach the mainsail to the mast tube?

### Interpretation:

"Mainsail attachment zone" is not a defined term and describes only a geometrical zone as referred to in Rule 20.2 (mast tube deviation from mast surface).

The usage of that expression does not imply an obligation to attach the mainsail in that zone.

Figure 20.1 shows a mast tube cross section without any specification about the position along the mast tube. Thus, figure 20.1 applies everywhere along the mast tube.

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Answers:

1. No.
2. Yes.
3. Yes.

END