



Request for Interpretation No. 34

of

AC Class Rule Version 1.4: December 8th 2015

Rule References:

- 7.15 Openings in the watertight bulkheads, soles, and **hulls** are permitted for the passage of permitted systems, provided they shall:
- (a) be no larger than required for their specific task;
 - (b) have a rubber gaiter boot or other means of closing the opening if the area exceeds 0.00035 m²;
 - (c) be no further forward than 8.500 m forward of the stern plane; and
 - (d) be at least 0.400 m above MWP unless the net area of the opening is less than 0.000035 m² (35 sq mm).

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- 18.11 Local reinforcements, increased core density, or removal of core are permitted in way of fittings, attachments, and openings for permitted **AC Class Rule** systems. Any such local area must equal or greater strength, stiffness and weight than the supplied design documentation in accordance with Appendices C, D, and E and complying with Rule 18, 19 and 20.

Questions:

Rule 18.11 permits minor local structural alterations "...in way of fittings, attachments, and openings for permitted **AC Class Rule** systems", provided Rule-defined structural properties and weight are maintained.

Rule 7.15 sets additional constraints on openings through watertight bulkheads, soles, and **hulls** for the passage of permitted systems.

When installation or operation of Rule-permitted systems requires openings through structure that is not part of the watertight envelope defined in Rule 7.15, do any of the constraints of Rule 7.15 apply, in addition to the requirements of Rule 18.11?

Interpretation:

Rule 7.15 applies only to "openings in the watertight bulkheads, soles, and **hulls**". Rule 18.11 applies to any openings.

END

Issued by the America's Cup Measurement Committee on July 19, 2016