



Request for Drawing Question / Interpretation No. 16

of

AC Class Rule Version 1.4: December 8th 2015

Rule References:

16.2 The use of stored energy and non-**manual** power is prohibited, except for:

- (c) low pressure hydraulic or gas accumulators of less than 6 bar which provide back pressure to a hydraulic system to prevent cavitation, but do no significant work themselves;

Questions:

1. Rule 16.2 (c) permits the use of low pressure hydraulic or gas accumulators to prevent cavitation. Are these required to operate below 6 bar at all times, or only at their full extension / expansion?
2. Is it permissible for a low-pressure accumulator acting as an oil reservoir to be pre-charged on the gas side to 6 bar, to prevent cavitation, and for that pressure to increase when the oil volume increases, or must teams ensure that the pressure remains below 6 bar regardless of the oil volume?

Interpretation:

1. Yes. Accumulators which are capable of achieving more than 6 bar at any operating time are prohibited.
2. No. Teams must ensure the pressure remains below 6 bar. It is anticipated that the Measurement Committee will conduct inspections to check compliance with this requirement before approving such system.

END

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