



# AMERICA'S CUP CLASS

## PUBLIC INTERPRETATION No 18

April 19, 2006

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The Measurement Committee has received requests for clarification of the extent and application of Public Interpretation No 17.

The Measurement Committee offers this further interpretation to expand on and clarify Public Interpretation No 17. This Interpretation must be read in conjunction with Public Interpretation No 17.

### **INTERPRETATION:**

The utilization of stored energy in a gas on the "non-working" side of a hydraulic ram which is compressed by the action of the piston and serves to reverse the action of the piston does fall within the exceptions permitted under (a) of Rule 36.14. The limitation of the pressure to 6 bar does not apply to the gas in this application provided the reverse stroke of the piston performs no significant work.

In order to qualify for the exemption of (b) of Rule 36.14, any accumulator shall be connected to or inherently part of the hydraulic reservoir and shall provide pressure to the suction side of the manual hydraulic pump(s). The pressure within the accumulator shall be equivalent to the lowest pressure in the hydraulic system (except for minor corrections of static head due to the height of hydraulic components).

END

*This interpretation is made by the CORD Measurement Committee in accordance with Rule 3.3 of Version 5.0 of the America's Cup Class Rule.*

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