



## ACC MEASUREMENT NOTICE No 3

### Deed of Gift – Length on Load Waterline Measurement Procedures

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#### Background:

- The Deed of Gift for the America's Cup states in part:  
“...The competing yachts or vessels, if of one mast, shall be not less than forty-four feet nor more than ninety feet on the load water-line...”
- In December 2009, the New York Supreme Court heard a dispute on how load water-line is measured in the America's Cup and adopted the opinions of an expert panel on this matter (as part of the court's decision):  

“20 It is the Panel's opinion that with respect to catamarans and trimarans, for the purpose of measurement of load water-line, the principle of being 'fully loaded' when measured, should be employed. This would be consistent with the measurement rules provision in 1988. Any moveable ballast should be distributed equally in the available ballast storage areas, and should include as much water ballast as might be used at any time during any race.

21 The Panel recommends that the Court requires SNG to arrange for the Event Measurer to write and publish measurement procedures after consulting with both competitors, in terms of the above paragraph, to include requirements of positioning of ballast and crew during measurement and any other necessary procedures. ”

This document clarifies the court's decision in regards to the principle of “...fully loaded...” and in line with the court's opinion, after consultation with all the Competitors sets out the measurement procedures in regards to verification of compliance with the Deed of Gift required measurement of length on the load water-line in the 35<sup>th</sup> America's Cup.

**Measurement Procedures:**

For the purpose of measurement, the “length on load water-line” is the distance between a line perpendicular to the yacht’s center line and passing through the forward most point of intersection of the yacht’s hulls with its water-line plane and a line perpendicular to the yacht’s center line and passing through the aftermost point of intersection of the yacht’s hulls with its water-line plane.

Yachts shall be in the “fully loaded condition for measurement of length on load water-line”

“Fully loaded condition” shall mean the yacht in its heaviest racing displacement loaded with the maximum of all additional weights (sails, wing, appendages, computers, spares, consumables, safety equipment, ballast and crew). The location of the “load” shall be as follows:

- The wing shall be set approximately perpendicular to the water-line;
- Both daggerboards shall be fully raised;
- Crew weight shall be distributed equally around the wing rotation point; and
- all other components or equipment shall be in the location where they are found while racing.

For the purposes of measurement, the yacht shall be floated in “load condition” in calm water and minimum wind with measurements adjusted for a specific gravity of 1025 kg/m<sup>3</sup> at a location designated by the Measurer. The Measurement Committee has the option to confirm compliance using hydrostatic calculations and computer models.

Issued on behalf of the Measurement Committee on September 28, 2016

Ken McAlpine

Chief Measurer 35<sup>th</sup> America’s Cup