



AMERICA'S CUP CLASS

CONFIDENTIAL INTERPRETATION No 8

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In response to the following:

Is an apparatus that uses a chemical action to convert fuel into electrical energy a battery as permitted in ACC 36.14 (c) and (d)?

The Oxford English Dictionary defines a battery as:

10. a. *Galvanism. An apparatus consisting of a series of cells, each containing the essentials for producing voltaic electricity, connected together. Also used of any such apparatus for producing voltaic electricity, whether of one cell or more.*

Further, The Oxford English Dictionary defines voltaic electricity as

2. *Of electricity: Generated by chemical action.*

INTERPRETATION

Class Rule 36.14 states:

36.14 **Running rigging, standing rigging and appendages** shall only be adjusted manually using mechanical systems as necessary. The use of stored energy is not permitted, except:

- (a) for springs, shockcord, and similar devices;
- (b) low pressure hydraulic accumulators which provide back pressure to a hydraulic system;
- (c) batteries to power electric bilge pumps provided their total capacity is no greater than 50 l/min; and
- (d) batteries to power any permitted electronics.

For the purposes of rule 36.14 (c) and (d) an apparatus which uses a chemical action to convert fuel into electrical energy can be considered a battery, provided the fuels and any products of the chemical action remain within the battery. The operation of the battery shall not require the introduction of any fuels or reactants from any other source including atmosphere.

END

This interpretation is made by the Measurement Committee in accordance with Rule 3.2 of Version 5.0 of the America's Cup Class Rule.

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