

## Measurement Committee

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Amendment No.15

to

**AC72 Class Rule** Version 1.1: 22<sup>nd</sup> February, 2011

Appendix E (Media Appendix)

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### **Remove:**

#### **1. GENERAL REQUIREMENTS**

The media payload for the **AC72** consists of three main components, the TV and Audio System, the Tracking System, and the RO-Comms System.

General information outside the rule will be posted on the Americas Cup Web pages  
<http://www.americascup.com/en/Discover/Documents/Onboard-Media-Equipment/>

### **Replace with:** (note new url)

#### **1. GENERAL REQUIREMENTS**

The media payload for the **AC72 Yacht** consists of three main components, the TV and Audio System, the Tracking System, and the RO-Comms System.

General information outside the rule will be posted on the Americas Cup Web pages  
<http://noticeboard.americascup.com/onboard-media-data/>

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### **Remove**

- 2.2 (b) The camera will be connected via a coax cable with a molded connector to the media module. Minimum diameter for cable access for the cable with a connector is 22mm. (An additional washer control cable may be added. It has a connector of 15 mm diameter.)

### **Replace with:**

- 2.2 (b) The camera will be connected via a coax cable with a molded connector to the media module. Minimum diameter for cable access for the cable with a connector is 22mm.

### **Add:**

- 2.2 (c) Camera wash bottles will be added to all cameras that require them. Installation drawings will be available on America's Cup web site, as per the link in section 1.

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### **Remove:**

- 2.3 (b) Two attached to the forward **cross structure**, approximately in line with the wing rotation point on either side of the **yacht centerplane**. These shall be positioned to allow for filming of the crew, with each location inboard no more than 25% of the yacht's local transverse beam.

### **Replace with:**

- 2.3 (b) Two attached to the forward **cross structure**, approximately in line with the **wing rotation point** on either side of the **yacht centerplane**. These shall be positioned to allow for filming of the crew, with each location outboard of the **yacht centerplane** no more than 25% of the yacht's local transverse beam.
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**Remove:**

2.3 (c) On the **yacht centerplane**, within 1.5m of the forward most point on the **cross structure**. The cable from this camera and the 3-boats lengths indicator will require an internal run, or an external conduit to a local interconnect hub in the vicinity of the wing base.

**Replace with:**

2.3 (c) On the **yacht centerplane**, at the forward-most of the two following locations:

- (i) 1.50 m aft of the forward-most point on the **cross structure**
- (ii) 1.00 m forward of **Tack Point B** as defined in the **AC72 Class Rule**. This camera position sets the minimum required length of the **cross structure** on the **yacht centerplane**.

The cable from this camera and the 3-boat lengths indicator will require an internal run, or an external conduit to a local interconnect hub in the vicinity of the **wing** base.

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**Remove:**

2.3 (d) On each hull, approximately in line with the aft cross beam, or on the aft cross beam near the intersection of the cross beam and each hull. These may be required to be mounted on vertical posts to achieve the correct camera angle. ACTV and/or **ACRM** may specify an essentially "one-design" post, in such a case, details of the required post will be posted on the Americas Cup web site as link in section 1.

**Replace with:**

2.3 (d) On the aft cross beam, symmetrically located at an ACTV and **measurer** approved location approximately 4 m from the **yacht centerplane** . To be mounted on vertical posts details of which are posted on the Americas Cup web site as linked in section 1.

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**Add:**

2.4 (e) an effects camera close to waterplane below **Tack Point B**, providing a clear aft view of the platform.

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**Add:**

3.2 The yacht shall provide a line output (ideally -10 dBV) from its Onboard Communications System to the Media Module.

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**Remove:**

6.2 Unless specifically permitted or required by ACTV and/or **ACRM**, no other devices producing radio emissions of any type are permitted atop the **wing** or in any other location on the **wing** that might interfere with the operation of ACTV equipment.

**Replace with:**

6.2 Unless specifically permitted or required by ACTV and/or **ACRM**, no other devices producing radio emissions of any type are permitted atop the **wing** or in any other location on the **wing** due to the possibility of interference with ACTV equipment.

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**Add:**

- 7.5 **Competitors** shall neither modify the media module nor attach anything to it without the written permission of ACTV and the **Measurement Committee**. Examples of modifications requiring this permission include but are not limited to the following:
- (a) the attachment of fairings to the module;
  - (b) attachment of any equipment to the module;
  - (c) drilling of holes other than those provided for the attachment of the module to the aft crossbeam;
  - (d) removal of any material from the media module, and
  - (d) lamination or bonding of fittings to the module other than as provided in 7.6.
- 7.6 An aero fairing for the media module will be provided.
- 7.7 Due to slight weight differences resulting from different cable lengths on different boats, corrector weight will be supplied by the **measurer** or ACTV. The **competitor** shall install these corrector weights divided evenly between the two battery Peli case locations, or may ask ACTV to install them in the media module.

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This amendment is issued in accordance with Rule 4 (a) of **AC72 Class Rule** Version 1.1: 22<sup>nd</sup> February, 2011.

**Issued by:**



Nick Nicholson, Chairman  
Shaun Ritson  
Carlos de Beltrán  
**AC 34 Measurement Committee**

**Approved by:**

Iain Murray  
**ACRM Regatta Director**

The **Regatta Director** affirms that this amendment to **AC72 Class Rule** Version 1.1 has been approved in accordance with **AC72 Class Rule** 4 (a).

14<sup>th</sup> June 2013

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