

CHALLENGER OF RECORD & DEFENDER

AMERICA'S CUP 36

Draft AC75 Interpretation 019 of AC75 Class Rule Version 1.2 issued 10th December 2018

Rule References:

10.1 The mass of components and crew on an AC75 Class Yacht shall be:

| Component | mass (kg) | x or u (m) | z or w (m) |
|--|------------------------|-----------------------|-----------------------|
| Yacht assembly: (x, y, z) frame | 6305 | 8.80 – 9.30 | ≤ 0.62 |
| Platform assembly: (x, y, z) frame | *m_P | *x_P | z_P |
| Hull, rudder, bowsprit, hardware | m_{HBR} | | ‡0.38 |
| Port foil | *1215 | | *z_F |
| †Port foil arm stock | 245 | | |
| Port foil arm fairing/wing/flaps/systems | 970 | | |
| Starboard foil | *1215 | | *z_F |
| †Starboard foil arm stock | 245 | | |
| Starboard foil arm fairing/wing/flaps/systems | 970 | | |
| †Foil arm heads and bearings | 168 | 10.35 – 11.65 | 0.71 |
| †FCS | 362 | 10.50 – 11.80 | 0.25 |
| †Supplied media equipment | 125 | 8.50 | 1.20 |
| Mast and mainsail assembly: (u, v, w) frame | *m_M | ‡-1.00 | *w_M |
| Mast and mainsail | — | | |
| †Supplied rigging | 45 | -0.63 | 10.55 |
| †Supplied media equipment | 11 | 0.00 | 19.00 |
| Sails | 145 | | |
| Jib | *55 | | |
| Code zero | *90 | | |
| Crew and guest racer | 1120 – 1150 | | |
| Crew | *960 – 990 | | |
| Crew's carried equipment | *55 | | |
| Guest racer | *100 | | |
| Guest racer's carried equipment | *5 | | |
| Total | 7570 – 7600 | | |

**Measured, †Supplied equipment, ‡Assumed*

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10.13 Nothing shall be aboard the AC75 Class Yacht that is not included in Rule 10.1.

Interpretation No 13:

The weight of a hard cover falls under the category “platform assembly”, subcategory “hardware” in the first line of subcategories of the table of weights under Rule 10.1.

Background:

Rule 10.13 states that “Nothing shall be aboard the **AC75 Class Yacht** that is not included in Rule 10.1.”

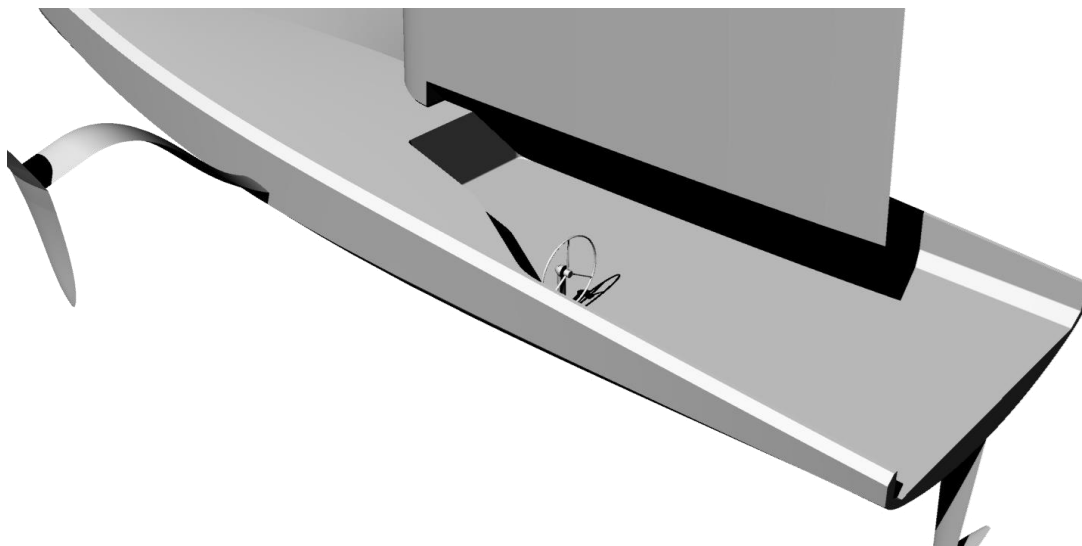


Figure 1: Perspective view of the cockpit of an AC75 class yacht

Figure 1 shows the cockpit of an **AC75 class yacht**.

It is proposed to fit a box, of dimensions yet to be defined, as shown in Figure 2. This box shall not be bonded to the **hull** and it cannot be moved while sailing. The box can be removed from the yacht when not sailing. Once the box is removed the yacht is back to the configuration as shown in Figure 1. The box may have openings. Some of the openings may have covers and/or may be arranged for the passage of control lines.

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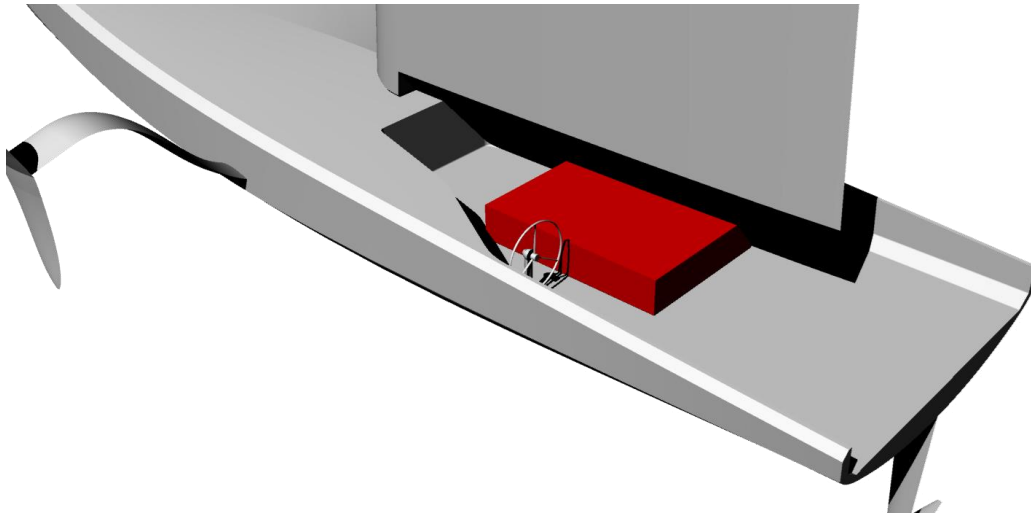


Figure 2: Box (red) in the cockpit. The box is not bonded to the hull, it is removable and it may have openings.

Questions:

1. Does such a box, as defined above fall under “hardware” for the weight in the table of weights in Rule 10.1, keeping in mind Interpretation 13?
2. If the answer to question 1 is “no” in which category does it fall, what are the relevant rules and how does this comply with Interpretation 13?
3. Are there any limitations as to the size of the box? For the purpose of this interpretation we assume that rules 11.14, 12.5 and 12.6 are satisfied.
4. If the answer to question 3 is “yes”, what are the limitations and what are the relevant rules?

Interpretation:

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Answers:

1. For the purpose of weight in the table of weights in Rule 10.1, the box can either be “hull” or “hardware” and it is the **Competitor’s** decision to include it, or otherwise, in its **Hull IGES** declaration.
2. Not applicable.
3. Apart from Rules 11.14, 12.5 and 12.6, other Rules for the **yacht** or “part of the **yacht**” may be applicable, for example Rule 12.4 and 12.11. If the box is considered **hull** other relevant rules apply.
4. Not applicable.

END