

CHALLENGER OF RECORD & DEFENDER

AMERICA'S CUP 36

Interpretation 039

of

AC75 Class Rule Version 1.7 issued 4th November 2019

Rules References:

5.1 The components in the table below are restricted as detailed in the following rules:

Component	Rule	Quantity	Change allowance
Hull surfaces	Open	2	As per Protocol
Foil arm stocks	Supplied	4	-
Foil arm fairings	Open	6	20% mass
Foil wings	Open	6	20% mass
Foil flaps	Open	20	20% mass
FCSs	Supplied	2	-
Rudder uppers	Open	4	20% mass
Rudder lowers	Open	4	20% mass
Mast tubes	Specified	3	20% mass
Supplied rigging sets	Supplied	3	-
Mainsails	Open	*10	25% area
Headsails	Open	*29	25% area

**See Rule 5.8.*

5.2 In Rule 5.1, the terms in the column "Rule" have the following meaning:

- (a) *Open*: The shape and construction is open to design, within the constraints specified for that component in this AC75 Class Rule.
- (b) *Specified*: The outer shape and some aspects of construction are specified by this AC75 Class Rule, but other aspects of construction are open to design.
- (c) *Supplied*: The component is supplied as standard to all Competitors. Modifications to supplied components are prohibited except where specifically permitted by this AC75 Class Rule.

27.1 Details of an FCS to control the cant rotation of the foils have been provided in a document supplied by COR/D and the specification will be further developed as described in that document. The FCS cannot be modified except as expressly permitted in the supplied specification.

35.28 FCS

Foil cant system: a supplied system for controlling the rotation of the foils about longitudinal axes in the hull.

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Context:

The **FCS** is defined in rule 35.28 as a supplied system. This is confirmed in rule 5.1.

Rule 5.2(c) states that "...modifications to supplied components are prohibited except where specifically permitted by this **AC Class Rule**."

Rule 27.1 states that "...the **FCS** cannot be modified except as expressly permitted in the supplied specification."

The supplied specification for the **FCS** makes no provision for modification of the **FCS**.

Questions:

1. Are any modifications permitted to the **FCS**?
2. If the answer to question 1 is yes, where is that permission given in the **AC75 Class Rule** or the supplied specification for the **FCS**?

Interpretation:

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Answers:

1. No. Modifications to supplied components are prohibited except when specifically permitted. The **FCS** specification, when issued by **COR/D**, will specify the extent of modifications permitted.
2. Not applicable.

END.