

## International Nacra17 Class Rules Interpretations

Does class rule C.8.2 allow rudders to be sanded?

Relevant Class Rules: (Effective Class Rules at the time: 01/04/2021)

### **A.1 LANGUAGE**

(...)

A.1.4 The following definitions apply:

(...)

#### **SANDING**

Removal of the outermost surface through use of an abrasive material with or without a lubricating agent, which does not alter the shape but may remove localised irregularities or textures in the surface. It may include polishing through the use of a cutting compound.

(...)

#### **MODIFICATION**

Work resulting in a change to the original condition, including changes made to the original condition by new, removed or replaced equipment items, fittings, fixings, extensions and fastenings.

#### **MAINTENANCE**

Work required to retain the original condition, compensating for normal wear and tear in order to achieve its maximum useful life. This includes preventive maintenance and may include coating, sanding, lubricating and cleaning, but shall exclude fairing and bonding.

(...)

### **C.8 HULL APPENDAGES**

#### **C.8.1 MODIFICATIONS**

(...)

(h) Only the aft 10 mm of the **foils** (elevators) and **rudder** blade (vertical) along the trailing edge may be sanded. The distance between the leading edges and the trailing edges shall not be reduced. At 1 mm from the trailing edge the thickness shall be no less than 0.6 mm.

#### **C.8.2. MAINTENANCE**

- (a) Maintenance of **hull appendages** is permitted with the following exceptions:  
For **daggerboards, rudders, foils** (elevators), top and bottom daggerboard bearings, rudder castings:
- (i) Coating is not permitted as part of Maintenance.
  - (ii) Sanding is permitted on the paint layer on the outermost sides of the **daggerboards** and **rudders**.
  - (iii) Sanding of the internal carbon fibre or (opaque) factory filler of **daggerboards** and **rudders** is not permitted as part of Maintenance.
  - (iv) Sanding of the **foils** (elevators) and the **rudder** blade (vertical) and the top and bottom daggerboard bearings and rudder castings is not permitted as part of Maintenance, except where permitted by Class Rule C.8.1(h).
  - (v) Lubricating is only permitted for the purpose of reducing bearing friction while raising and lowering the **hull appendages**.

### Interpretation

When carried out to retain the original condition, and therefore as part of maintenance as defined in class rule A.1.4, sanding (as defined in A.1.4) is permitted in the outermost surfaces of rudders but not on the carbon fiber or (opaque) factory filler unless it is part of maintenance of the area described in C.8.1(h) (aft 10mm of along the trailing edge).

On the area described in C.8.1(h), sanding may be carried on the carbon fiber or (opaque) factory filler which may result in a change to the original condition. However, the modification shall comply with the requirements in C.8.1(h).