

# Class Rule Changes

## International Nacra17 Class Association

Effective date: 1<sup>st</sup> April 2021

Status: Approved



## Amendment One

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### INTRODUCTION

#### Old

*Nacra 17 hulls, hull appendages, cross beams, trampoline, rigging and sails shall only be manufactured by Nautical Sports BV– in the class rules referred to as ‘Nacra licensed suppliers’. Equipment is required to comply with the Nacra 17 Building Specification and is subject to a World Sailing approved manufacturing control system.*

#### Amend to read

*Nacra 17 hulls, hull appendages, cross beams, trampoline, rigging and sails shall only be manufactured by licensed manufacturers – in the class rules referred to as ‘Licensed Manufacturers’. Equipment is required to comply with the International Nacra 17 Building Specification and is subject to a World Sailing approved manufacturing control system.*

## Amendment Two

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### A.3 AUTHORITIES

#### Amend to delete:

~~A.3.2 Notwithstanding anything contained herein, the **certification authority** has the authority to withdraw a **certificate** and shall do so on the request of World Sailing.~~

## Amendment Three

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#### Amend to Add

### A.9 CERTIFICATION

A.9.1 Written **certification** will not be issued.

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## Amendment Four

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### A.6 CLASS RULES AMENDMENTS

#### Old:

- A.6.1 In accordance with World Sailing Regulations, amendments to the **Class Rules** require the approval of World Sailing after their adoption by a simple majority vote of the members in a general meeting of the IN17CA held in accordance with its constitution.

#### Amend to read:

- A.6.1 In accordance with World Sailing Regulations, amendments to the **class rules** require the approval of World Sailing after their adoption by a two thirds majority vote of the members in a general meeting of the IN17CA held in accordance with its constitution.

## Amendment Five

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### C.3 PERSONAL EQUIPMENT

#### Old:

- C.3.1 (a)(iv) trapeze harness maximum permitted weight may be 2.4kg. This changes RRS 43.1 (b).

#### Amend to read:

- C.3.1 (a)(iv) The maximum permitted weight of the trapeze harness shall be 2.4kg. This changes RRS 50.1 (b).

## Amendment Six

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### C.4 ADVERTISING

#### Old:

- C.4.1 Advertising as chosen by the Person in Charge is unrestricted in accordance with World Sailing Regulation – Advertising Code 20.3.1.1. and 20.3.1.2

#### Amend to read:

- C.4.1 Advertising as chosen by the Person in Charge is unrestricted in accordance with World Sailing Regulation – Advertising Code 20.3.1 and 20.3.2

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## Amendment Seven

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### C.5 PORTABLE EQUIPMENT

#### Amend to delete:

~~All items, devices and their locations carried including worn permitted by a rule and including their associated fittings, fixings and fastenings, even if secured or permanently fixed. Includes mechanical, electronic and digital devices and items with permitted functions, services, information inputs, processing, tracking, recording, storage, display and with all carried separately and/or in combination as a system across one or more items and devices. Excludes the boat and personal equipment and consumables.~~

## Amendment Eight

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### C.5 PORTABLE EQUIPMENT

#### Old:

#### C.5.2 OPTIONAL

##### (a) For Use:

- (i) Timing function carried or worn separately in one device, or with timing function combined with other approved functions and services in one device.
- (ii) Boat heading function in one device using magnetic input. If digital/electronic, the device with magnetic input may combine and store boat heading direction together with wind shift detection and timing functions.
- (iii) The device display letters and numerals shall be not more than 30 mm high and show only;
  - boat heading (damping may be adjusted manually),
  - Calculated wind direction determined from manual input and adjustment of tacking angles manually for windshift detection),
  - time,
  - race timing information,
  - identification,
  - battery condition, system error, adjustment and calibration information.
- (iv) Race timing information may be transmitted by sound. The electronic/digital devices shall not deliver, store or correlate information in any way except as described in this section.
- (v) Magnetic compasses having no electronics.
- (vi) Camera recording equipment and attachments when and where permitted by the Notice of Race and/or Sailing Instructions.

##### (b) Not for Use:

- (i) Spare parts, tools, bungy, rope, pulleys, hoops, and plastic balls.

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### Amend to read:

C.5.2

#### OPTIONAL

##### (a) For Use:

- (i) Timing function carried or worn separately in one device, or with timing function combined with other approved functions and services in one device.
- (ii) Boat heading function in one device using magnetic input. If digital/electronic, the device with magnetic input may combine and store boat heading direction together with wind shift detection and timing functions.
- (iii) The device display letters and numerals shall be not more than 30 mm high and show only;
  - boat heading (damping may be adjusted manually),
  - Calculated wind direction determined from manual input and adjustment of tacking angles manually for windshift detection),
  - time,
  - race timing information,
  - identification,
  - battery condition, system error, adjustment and calibration information.
- (iv) Race timing information may be transmitted by sound. The electronic/digital devices shall not deliver, store or correlate information in any way except as described in this section.
- (v) Magnetic compasses having no electronics.
- (vi) Camera recording equipment and attachments when and where permitted by the Notice of Race and/or Sailing Instructions.
- (vii) Spare parts, tools, shockcord, rope, pulleys, rings, and plastic balls.

## Amendment Nine

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### C.6 BOAT

#### Old:

C.6.5(a) When the **boat** weight is less than the minimum requirement, **corrector weights** of lead shall be fastened to the inside of the dolphin striker (V Bar) at locations avoiding the intersection of the Front Cross Beam and the dolphin striker rod. The location must allow the application of **event limitation marks** and allow visual inspections.

#### Amend to read:

C.6.5(a) When the **boat** weight is less than the minimum requirement, **corrector weights** of lead shall be fastened to the inside of the dolphin striker (V Bar) at locations avoiding the intersection of the Front Cross Beam and the dolphin striker rod, but located close to the centreline of the bar. The location must allow the application of **event limitation marks** and allow visual inspections.

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### Amendment Ten

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#### C.7 HULL

##### Old:

C.7.2(b) The supplied non-skid 'pro-grip' in the deck moulding may be replaced by the same type only (EVA Foam 3mm thickness, supplied by Nacra licenced suppliers).

##### Amend to read:

C.7.2(b) The supplied non-skid 'pro-grip' in the deck moulding may be replaced by the same type only (EVA Foam, supplied by Licenced Manufacturers).

### Amendment Eleven

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#### C.7 HULL

##### Old:

C.7.3 Repairs to the **hull** require approval as described in C.6.3, except filling and blending of small voids (chips and gouges) of approximately 20 mm x 20 mm which may be carried out without approval.

##### Amend to read:

C.7.3 Repairs to the **hull** require approval as described in C.6.3, except filling and blending of small voids (chips and gouges) of no larger than 20 mm x 20 mm which may be carried out without approval.

### Amendment Twelve

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#### C.8 HULL APPENDAGES

##### Old:

C.8.3(a) Repairs to **hull appendages** require approval as described in C.6.3, except repairs of small voids (chips and gouges) of approximately 10 mm x 10 mm which may be carried out without the approval of actions and materials.

##### Amend to read:

C.8.3(a) Repairs to **hull appendages** require approval as described in C.6.3, except repairs of small voids (chips and gouges) of no larger than 10 mm x 10 mm which may be carried out without the approval of actions and materials.

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## Amendment Thirteen

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### C.8 HULL APPENDAGES

#### Old:

- C.8.4(c) Both **daggerboards** shall be in the fully-down position whilst *racing*, with an exception being that they may be raised to clear them from becoming fouled, and shall be immediately placed back into the fully-down position once becoming clear of in-water items.

#### Amend to read:

- C.8.4(c) Both **daggerboards** shall be in the fully-down position whilst *racing*, with an exception being that they may be momentarily raised to clear them from in-water items, and shall be immediately placed back into the fully-down position.
- C.8.4(d) Both **rudders** shall be in the fully-down position whilst *racing*, with an exception being that they may be momentarily raised to clear them from in-water items, and shall be immediately placed back into the fully-down position.

## Amendment Fourteen

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### C.10 RIG

#### Old:

- C.10.2 MAINTENANCE  
(a) Cleaning and polishing (as defined in Section A) is permitted.

#### Amend to read:

- C.10.2 MAINTENANCE  
(a) Maintenance to the **rig** is permitted.  
(i) Any coating on the **mast** as part of maintenance shall be clear.

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## Amendment Fifteen

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### C.10 RIG

Old:

#### C.10.6 STANDING RIGGING

##### (a) MODIFICATION, MAINTENANCE AND REPAIR.

- (1) **Standing rigging** may be replaced and shall comply with Appendix Section I
- (2) The stay adjusters of the **forestay** and **shrouds** may be replaced by a turnbuckle of the following manufactures:
  - Sta/Master PAT. 8,281,080
  - Ronstan Calibrated Turnbuckles RF1575
  - NavTec Quickfit lifeline Turnbuckle 316
  - Blue Wave Spanner (Mono race tuning – MRT- Calibrated AISI 316.
  - C.S. Johnson 12-100 Stay Adjuster – Calibrated.
  - Blue Wave QRT19014

Turnbuckles from other manufacturers may be used if pre-approved by the IN17CA Technical Committee in writing.

- (3) The **shrouds** and **forestay** terminal wire connectors may be replaced by fittings of substantially of the same size, weight and structural design.
- (4) The ring of the Jib Halyard Locking system shall be in the same position as on the standard forestay, of the same size and structural design, with the exception; the ring of the locking system may be fitted to the forestay by rope.
- (5) Carbon tubes or other similar cylindrical covers of up to 20 cm in length may be used to cover shroud turnbuckles and chainplates.

**Amend to read:**

#### C.10.6 STANDING RIGGING

##### (a) MODIFICATION, MAINTENANCE AND REPAIR.

- (2) **Standing rigging** may be replaced and shall comply with Appendix Section I
- (2) The stay adjusters of the **forestay** may be replaced by a turnbuckle of the following manufactures:
  - Ronstan Calibrated Turnbuckles RF1575 or RF1481-04
  - Blue Wave Spanner (Mono race tuning – MRT- Calibrated AISI 316.
- (3) The stay adjusters of the **shrouds** may be replaced by a turnbuckle of the following manufactures:
  - Sta/Master PAT. 8,281,080
  - Ronstan Calibrated Turnbuckles RF1575 or RF1481-04

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- NavTec Quickfit lifeline Turnbuckle 316
- Blue Wave Spanner (Mono race tuning – MRT- Calibrated AISI 316.
- C.S. Johnson 12-100 Stay Adjuster – Calibrated.
- Blue Wave QRT19014

Turnbuckles from other manufacturers may be used if pre-approved by the IN17CA Technical Committee in writing.

- (4) The **shrouds** and **forestay** terminal wire connectors may be replaced by fittings of substantially the same size, weight and structural design.
- (5) The ring of the Jib Halyard Locking System shall be in the same position as on the standard forestay and of the same size and structural design, with the exception; the ring of the locking system may be fitted to the **forestay** by rope.
- (6) Carbon tubes or other similar cylindrical covers of up to 20 cm in length may be used to cover shroud turnbuckles and chainplates.

## Amendment Sixteen

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### C.10 RIG

#### Old:

C.10.6(b) The minimum distance measured along the foreside of the mast from the bottom cut of the carbon mast assembled and seated into the mast base to the forestay pin center location when the forestay and forestay fitting are both fully extended to a maximum range shall be 295mm.

#### Amend to read:

C.10.6(b) The **forestay** shall be placed along the foreside of the **mast** with the turnbuckle fully extended and just two threads of the swage left inside the turnbuckle housing. The distance from the lower end of the carbon section of the **mast** to the centre of the forestay pin shall be a minimum of 295 mm.



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## Amendment Seventeen

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### C.11 SAILS

Old:

#### C.11.3 (d) NATIONAL FLAGS

- (i) All teams when racing in the Nacra 17 World Championships, Continental Championships and World Cup Series events shall display their national flag. The flag shall be placed on the starboard side of the mainsail between the 3rd and 4th battens from the head point of the sail.
- (ii) Flags shall only be ordered and purchased through the IN17CA.
- (iii) The National Flag shall be corresponding to the Country Code displayed in the sail number.

Amend to read:

#### C.11.3 (d) NATIONAL FLAGS

- (i) All teams when *racing* in the Nacra 17 World Championships, Continental Championships and World Cup Series events shall display their national flag. The flag shall be placed on the port side of the **mainsail** between batten number 3 and batten number 4. Existing **mainsails** with national flags placed on the starboard side before 1<sup>st</sup> April 2021 are permitted.
- (ii) Flags shall only be ordered and purchased through the IN17CA and shall not be trimmed or cut.
- (iii) The national flag shall be corresponding to the country code displayed in the sail number.

## Amendment Eighteen

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### SECTION I: RIGGING LIST

Old:

Forestay      6250 mm

Amend to read:

Forestay      6425 mm

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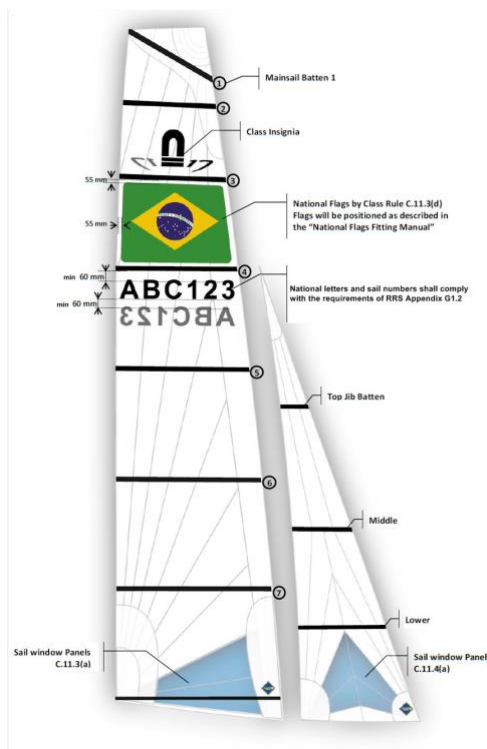
Effective date: 1<sup>st</sup> April 2021

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## Amendment Nineteen

### K NACRA 17 SAIL ARRANGEMENT

Old:



New:

