



FAST 30 CLASS RULES – DRAFT

27-February-2021

The FAST 30 Class Rules are of an “open type” where anything not specifically prohibited by the Class Rules is allowed.

The FAST 30 class welcomes C&C 30 OD, FarEast 28R, Farr 280, Farr 30 w/sprit, Henderson 30, L30 class boats and others that meet the definition of an FAST 30 Class Boat as specified in these rules.

An Introductory Period inclusive of 2021-2022 is in place to boost fleet participation while building the class. During the introductory period GP26's, Antrim 27's, Melges 32's and Flying Tiger 10's (and others within the introductory period limits) are invited to participate in the class. See Class Rule AMENDMENTS A2 and A3 to support this introductory period.

The intent is for the Class Rules to be reviewed and updated as necessary in January of each year.

DEFINITIONS

- D1. **FAST 30 Class boat** shall be a ballasted keelboat with asymmetric spinnaker flown from a centerline sprit, holding a valid endorsed ORC rating certificate and meeting the requirements of the class rules.
- D2. **Existing boats** are defined as boats first launched with a series date prior to January 2016. These boats are to be production boats from female molds that have been commercially marketed. The hull shape and structure shall not be altered apart from repair work (maximum 10% of hull and or deck area) using originally specified materials. Additions such as accommodations, heads, bunks, etc., along with the removal of inboard engine and stern gear are allowed. Standing rigging must be stainless steel laid wire or rod except for backstays or runners.
- D3. **New boats** are defined as boats that are commercially marketed. The hull and deck manufactured from E glass reinforcement with local carbon reinforcement not extending more than 300mm in any direction. Banned materials – titanium, ultra high modulus carbon fiber (equal or greater than 600 Gpa), Nomex style cellular core material and prepreg reinforcement (prepreg is allowed in spar and rudder stock construction only). Standing rigging must be stainless steel laid wire or rod except for backstays or runners.



CLASS RULES

- R1. Fast 30 Class Boats are subject to ORC measurement and restrictions.
- R2. Measurement to be carried out by an ORC rating office appointed measurer.
- R3. Measurements:
- Hull length (L.H. or LOA) shall not be less than 8.50m (for both existing and new boats) and not greater than 9.20m for new boats (9.50m for existing boats).
 - Beam max. (hull beam or MB) shall not exceed 3.15m
 - Draft shall not exceed 2.45m for new boats (2.61m for existing boats) in salt water.
 - Mainsail luff length (P) shall not exceed 12.50m for new boats (13.30m for existing boats).
- R4. The angle of vanishing stability (AVS) or limit of positive stability (LPS) shall be equal or greater than 115°
- R5. Displacement length ratio (DLR) shall be 120 or less for new boats and 125 or less for existing boats

$$DLR = \frac{(Displacement (kg) + Default Crew Weight (kg)) \times 2.20462}{2240} \div (.01 \times LSM0)^3$$

* 2.20462 converts kilograms to pounds

** Dividing by 2240 converts pounds to long tons

*** LSM0 = LWL = LWP

- R6. Speed Ratio (W/L ToT²/LOA) shall be 0.13 or greater for new boats and 0.12 or greater for existing boats.

SAFETY

- S1. FAST 30 class yachts that do not have an inboard engine shall carry an outboard motor capable of propelling the boat at a minimum speed of 5 knots together with at least 5 liters of fuel.
- S2. A suitable anchor with chain and dedicated anchor warp, not less than 30m long shall be carried.
- S3. Offshore Special Regulations Cat 4 - Advisory note to designers and owners – certain FAST 30 events may require category 4 safety compliance.

RULE AMENDMENTS

- A1. To ensure FAST 30 Class yachts remain within the FAST 30 Class the related FAST 30 Class ratio limits will be amended in line with any annual rating changes to ensure that boats already accepted into the Class, remain in Class, as long as no changes have been made to the boat that would alter the rating.
- A2. During the introductory period, the hull length shall not be less than 7.9m or greater than 9.96m
- A3. During the introductory period, mainsail luff length shall not exceed 13.5m.



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- A4. During the introductory period the R5. Displacement length ratio (DLR) shall be 120 or less for new boats and 128 or less for existing boats

FAST 30 CLASS MEMBERSHIP

- M1. Only members of the FAST 30 association shall be eligible to enter events organized or sanctioned by the FAST 30 Class Association.

FAST 30 CLASS LOGO

- L1. FAST 30 logo shall be fixed to the mainsail boom, port and starboard sides, in the approximate center.
L2. The FAST 30 Class logo is supplied by the Class Association.

DISCLAIMER

The FAST 30 Class shall be under no liability whatsoever for any loss, damage, or expense of whatever nature, whether direct or indirect, (including but not limited to loss of profit) howsoever arising during performance of the services provided under their Rules.