

TOWNSON 32 OWNERS ASSOCIATION

CLASS RULES – April 2018

PREAMBLE

The object of these rules is to preserve the one design nature of the Townson 32 Design Nos 23 and 29. ("Moonlight and Twilight") and ensure that all yachts have an equal chance of winning races. It is to the advantage of all owners to observe the spirit and letter of the Rules and so improve the racing, enhance the reputation of the Class, and maintain a high re-sale value for all yachts.

It is the intention of these rules to ensure that yachts of the "Townson 32" designs shall be as identical as is reasonably possible and that no yacht shall gain an advantage over the others by variations in hull, spars, rigging, sails, engine, etc. In the event of dispute over the interpretation of these Rules, this basic intention shall be borne in mind by the Class Committee, Class Technical Committee or any other authority when giving any ruling.

1. HULL

All boats must be built to plan and to these rules with no tolerance in excess of what the Class Technical Committee consider acceptable.

- (a) The notes on the plans are to be observed, viz. that no intentional deviation from the lines plan is permitted.
- (b) That the silhouette be preserved as drawn.
- (c) That the permanently installed motor be capable of driving the yacht in smooth water at a minimum speed of square root of $LWL(m) \times 3.28 = (8.179m \times 3.28) = 5.2$ knots.
Two batteries of a size commensurate with the yacht requirements shall be carried. Refer YNZ Safety Regulation 14.0 Category 3 to 5.
- (d) The accommodation must provide a minimum of at least five permanent adult berths, together with cruising equipment. (Example-pipe berths do not comply with the standard of the plan or spirit of the class).
When racing in Class events, such equipment is to include all squabs, a toilet securely installed, a two-burner stove with fuel source and securely installed against capsize and all necessary plates, cups, saucepans, cutlery.

2 SAILS

- (a) When racing in Class events, each yacht may carry only approved measured sails of the following type:
 - No.1 Genoa
 - one only Mainsail

No. 2 Genoa (not in excess of 360 sq ft in area),
working jib (not in excess of 240 sq ft in area).
A furling headsail may substitute all headsails.

- (b) Headsails may only be attached to the forestay and in the position shown in the sail plan. The clew may be set using the spinnaker pole, with the pole attached only to the mast.
Only one headsail may be hoisted on the forestay at any one time.
- (c) Luff groove foils and furling units are permitted provided that the effective sail area does not exceed the maximum allowable.
- (d) New Sails. The dimension of all sails shown on the sail plan are maximum and shall not be exceeded when measured as stipulated. Dimensions under the maximum are allowed.
- (e) Used sails. All sails older than 12 months will be permitted a stretch allowance as follows:
- (1) Working sails 1%
- (f) Measurement methods:
- (1) All sails are to be measured at such tension as to eliminate wrinkles at right angles to the length being measured.
 - (2) Headsails: #1 Genoa = Maximum luff length as per sail plan = 11.81m. = 1 , (38'9")
Maximum luff perpendicular (LP.) = 160% x J measurement 6.22m (20'4.8")..
- (i) (1) Mainsail battens to be fitted as shown on the sail plan and mainsails to carry the correct Class insignia in position as shown
- (2) Fully battened mainsails shall be allowed providing they do not exceed the following maximum parameters:
- No more than four battens equally spaced up the leech of the mainsail
 - Existing mainsail measurements shall not exceed the "Townson 32" mainsail plan
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|-----|---------|-----------------|
| ie. | Luff - | 10.545m (34'6") |
| | Leech - | 10.97m (36') |
| | Foot - | 3.96m (13') |
- Fully battened mainsails.
 $\frac{1}{2}$ height = 5.272m (17'3) above tack (head to tack / head to clew. Max 2.365m
 $\frac{3}{4}$ height = 7.91m (25'10) above tack (head to $\frac{1}{2}$ luff / head to $\frac{1}{2}$ leech.
Max 1.352mm
- (3)The main sail when correctly set shall not contact or extend beyond the backstay.
Yachts may carry either a four full length battened mainsail or a mainsail as per class sail plan, but not both.
- (j) Sails can be made by any sail maker.
The Class Measurer shall measure, sign and date a red roundel to be affixed near the tack of each sail.

A register of each sail and its measurements shall be kept by the Class Measurer.

No sail may be replaced by a new sail at an interval of less than 2 years, except at the committee's discretion in exceptional circumstances.

Woven polyester (Dacron) and laminated polyester fabrics (including polyester taffeta coated fabrics) may be used for class racing. Non polyester fibres are not permitted in the fabric.

The Class Association reserves the right to ask its Class Measurer to check any sail.

3. SPARS

- (a) The spars to be the length shown on the plans. An aluminium alloy mast must be used.
- (b) The spar selection to be according to the plan or heavier.
- (c) The spinnaker boom to be a maximum length of 4.115m (13'6") overall and only one permitted.

4. RIGGING

- (a) The rigging is to be as drawn on the plans.
- (b) Rod, dieform or strand wire rigging may be used. Headsail foils may be attached to or around the forestay.
- (c) The cap shroud to be attached no more than 0.585m (1'11") from the top of the mast.
- (d) The minimum length of each spreader measured from the face of the mast to the inside of the shrouds is 0.965m (3'2")
- (e) No hydraulic or mechanical adjuster (other than normal rigging screws) is allowed on any shrouds other than the backstay.
- (f) Spreader may be raked aft up to and including a maximum of 0.075m (3 in)

5. SHEETING

Headsail sheeting tracks, cars and turning blocks must be attached to the cap rail. The Mainsail shall be sheeted to a central point, or an athwartships track.

6. KEEL

Lead keel ballast to be not less than specified plan weight.

7. MEASUREMENT

- (a) The Class Association will from time to time appoint a Class Measurer who will have the right to co-opt.
- (b) All boats entering Class racing shall be subject to measurement for compliance with the Class Rules.

- (c) A charge from time to time, as may be fixed by the Class Association, shall be payable for measuring.

8. SAFETY EQUIPMENT

Each yacht shall be equipped to Yachting New Zealand Safety Regulations Race Category 5 requirements. Guard rails shall comply with YNZ Safety Regulation 7.26 (a) Category 4.

For Class races each yacht shall carry at least 10 litres of fresh water and enough fuel for four hours motoring, all stored in permanent tanks.

9. ANTIFOULING

Antifouling paints are to be used at all times when racing.

10. INSTRUMENTS

Electronic devices indicating boat performance, efficiency, wind direction and/or speed, position or course are permitted.

11. INSPECTION

Any entrant in a Class event can be subject to an inspection by the Class Measurer or persons authorised by the Class Measurer or by the Sailing Instructions.

12. HELMSMEN

The helmsmen in any Class event must be the usual helmsmen, in addition to being a financial member of the Townson 32 Owners Association. An exception to this rule may be granted at the discretion of the Committee.

13. ADVERTISING ON YACHTS

When racing in Class events advertising is not permitted on hulls spars or sails other than Association Class Sponsors.