

**ROYAL BURNHAM
ONE DESIGN CLASS**



CLASS RULES
(Amended to March 2010)

PRINCIPAL DIMENSIONS

Length Overall	20' 6"
Maximum Beam	6' 6"
Draft	3' 3"

SPARS

Mast Length	29' 10"
Nominal Diameter	3½"
Main Boom Length	13' 10"
Nominal Diameter	2 ³ / ₈ "
Spinnaker Boom	6' 9"

SAIL AREA DIMENSIONS

Mainsail	180sq. ft.
No. 1 Jib	60sq. ft
No. 2 Jib	38 sq. ft
Spinnaker (approx)	175sq. ft

MAST DIMENSIONS

Pear shaped, tapered,	
At Deck	3½"
At Hounds	3"
At Head	2"
Step to Partners	2' 9"
Step to Hounds	20' 9"
Height above deck	27' 0"

GENERAL

- 1 The name of the Class shall be The Royal Burnham One Design Class.
- 2 All boats in the Class shall, subject only as expressly excepted by the Rules, conform to the design of Mr N.E. Dallimore (of which the Royal Burnham Yacht Club, hereinafter referred to as the Club, is the owner) and the drawings, sail plan and specifications signed by him and deposited with the Club, and must be certified by the Official Measurer appointed by the Club.
- 3 No boat shall be eligible to race unless (1) the licence of the Club for the use of the design be previously obtained (2) a valid certificate of the Official Measurer be deposited with the Secretary of the Club.
- 4 No alteration of anything contained in the drawings, sail plan and specification (save as to matters expressly excepted by these Rules) shall be made after the boat shall have been Officially measured without notice to the Official Measurer and a new certificate obtained.

Wood Epoxy Saturation Techniques known as WEST or similar systems may not be used on the hull.

- 5 Each boat shall carry a distinguishing number and letters in the peak of her mainsail, such letters and numbers to be allotted by and of a size specified by the Club.
- 6 Each boat shall be of a different colour as selected by the owner and in the case of two owners selecting similar colours, allotment to be made by the Club committee.
- 7
 - (a) Reasonable alterations and additions may be made to the standing and running rigging and to seats and internal fittings subject to the approval of the Club Committee or some person appointed by it for that purpose. The following modifications and/or additions may or may not be made as indicated:
 - (b) Hollow spars, Sheet Winches, Echo Sounders, Sounding Rods, Mast-head wind indicators other than flags, Trapezes, Roller or Self Tacking Jibs and Kicking Straps are not allowed.
 - (c) Masts shall be lined with external tracks of 5/8" gauge. Main Booms shall be fitted with either external or internal tracks.
 - (d) Permanent sail measurement marks shall be made on the mast and boom to the approval of the Official Measurer and the sails shall be kept within these marks. Clearly discernable measurement bands, not less than 1/2" in width shall be painted to encircle the mast as follows:

Band 1 – the upper edge of band shall be not more than 24 feet 2½ inches below the lower edge of Band 2 measured in a straight line along the length of the mast above the upper edge of mast measurement Band 1. A clearly discernable measurement band, not less than 1/2" in width shall be painted to encircle the boom as follows: With the boom on centreline fitted at 90° to the mast, the inner edge of the band shall not be more than 13 feet 6 inches measured along the top of the boom from the aft edge of the mast sail track groove extended if necessary.
 - (e) Heel wedges for adjustment of mast rake may be fitted.
 - (f) The Turner Roller Reefing System must be fitted.

- (g) A topping lift must be fitted and must not be removed for racing but may be lengthened or slackened to enable it to be brought to the mast.
- (h) A flag halyard to the masthead must be fitted.
- (i) Spinnaker Boom fittings may be to owner's requirements.
- (j) Tillers must be made of wood but may be of any length.
- (k) Cleats may be of any type or dimension and may be fitted as required.
- (l) Rigging screws may be fitted.
- (m) Mainsheet must be double ended and each end should lead through quarter blocks aft of the cockpit coaming.
- (n) Jib sheets may be to owner's requirements with adjustable leads.
- (o) Runners to be slide and track type.
- (p) Floorboards may be covered with canvas or other material and fitted with ribs to owner's requirements.
- (q) Shelves and cupboards may (subject to the approval of the Club) be fitted to owner's requirements but may not be fitted forward of the cockpit.

8 SAILS

Sail dimensions must be in accordance with amended sail plan No. 164 (1949) and the additional parameters set out herein.

Only one new suit of sails may be purchased per season except when a sail is irreparably damaged or lost in which case authority to obtain a replacement must be obtained from the Class captain. A suit of sails shall comprise 1 Mainsail, 1 Number One Jib, 1 Number Two Jib and 1 Spinnaker. Mainsails shall be attached to the spars by slides.

New mainsails must be made to carry battens as indicated in the sail plan, the top batten being 2'6" long and the three lower battens 3'3" long and placed equidistant between the top batten and the main boom and the bottom batten laying parallel thereto. The following specific maximum dimensions also apply to the mainsail:

- (a) A headboard may be fitted but shall not exceed 6" measured at right angles to the foreside of the luff.
- (b) The quarter height cross width shall be no more than 133".
- (c) The half height cross width shall be no more than 97".
- (d) The three quarter height cross width shall be no more than 54".

The mast shall be marked with a ½" black band in accordance with the 1949 sail plan to indicate the maximum luff length of the mainsail and the boom shall similarly be marked with a ½" black band at its outboard end to indicate the maximum foot length of the mainsail and also the outboard limit to which the sail may be set.

Sails may be of any cloth weight but must be constructed from conventional woven material such as Polyester cloth in the case of fore and aft sails or Ripstop Nylon in the case of spinnakers.

Sails may be of any cut or method of construction provided that they comply with these requirements and do not exceed the overall authorised dimensions.

New sails shall be measured in accordance with the 1986 I.Y.R.U. Sail Measurement Instructions and must be dated and signed by an approved measurer.

9 STATUTORY EQUIPMENT

Each boat shall carry a suitable anchor and cable (rope or chain) Lifebuoy, bailer and hand pump, sweep or paddle. Inside ballast not exceeding 2cwts to include anchor and chain or cable be carried.

Buoyancy. A minimum of 12 cubic feet of expanded polystyrene or similar must be securely fitted internally to boats.

An approved pattern of life jacket must be carried for each member of crew including helmsmen at all times.

10 RACING

- (a) No paid hands are allowed.
- (b) Boats complying with the requirements of these rules will be encouraged to compete as a class, on a uniform one-design basis and, within the class, on a locally handicapped basis determined by the officers of the Class on the basis of individual performance. Boats being sailed by other than their owner or regular helmsman will not be entitled to any handicap allowance.
- (c) The maximum number of crew will be five persons, including the helmsman.
- (d) An approved proprietary anti-fouling paint shall be applied to the entire hull below the waterline and scrubbing and re-dressing may be carried out at any time.

To be eligible for racing, boats shall be kept afloat and shall not be dry sailed. Dry sailing is defined as keeping the boat ashore for more than 5 consecutive days (for any reason other than for essential repairs) during the racing season after the boat has raced at least once during that season. Any exceptions to this rule will be at the discretion of the Class Captain.

- (e) Racing will take place in accordance with The Racing Rules of Sailing and prescriptions thereto and in compliance with the provisions of the R.Y.A. except where these may be varied by local Supplementary Sailing Instructions and/or by special Class rules.
- (f) The Class distinguishing flag is code flag V (Red diagonal cross on white ground).
- (g) Declarations are not required but it is the responsibility of each individual competitor to indicate his retirement either by lowering his racing flag and/or by flying an easily recognisable ensign. Competitors, if in doubt, must ensure that the Race Officer is informed.

11 ADMINISTRATION

The Annual General Meeting, of which twenty-one days notice shall be given, will be held during the months of January or February in each year. The meeting will be conducted according to recognised custom and practice. A copy of the agenda will be sent to all owners. Any business other than the election of officers or matters specifically arising out of the minutes of the previous year's Annual General Meeting will be considered special business and will only be discussed

under the heading of Any Other Business provided that written notice has been given at least fourteen days prior to the meeting.

Class Officers comprising Class Captain, Class Vice-Captain and Class Secretary will be elected at the Annual General Meeting. Candidates should be advised to the Secretary in advance of the meeting. Election will be on a simple show of hands but proxy votes advised in writing will be allowed.

Class Captain and Class Vice-Captain will normally be eligible for re-election for a second term. Class Vice-Captain will by custom succeed to the post of Class Captain upon the former's retirement.

The Class Captain may convene a meeting of owners at any time he thinks fit and shall also do so at the specific request of at least five owners, providing that written notice be given to the Class Secretary at least fourteen days prior to the meeting. The Class Secretary shall give written notice of such special business to all owners at least seven days before the meeting.

At any officially convened meeting, the presence of five owners shall constitute a forum, one vote only will be permitted from each boat and proxy votes will only be counted if made in writing prior to the date of the meeting. Any decision affecting all the Class must subsequently be ratified at the Annual General Meeting.

The duties of the Captain shall encompass responsibility for all matters affecting the interests of the Class and will include representing the Class as a member of, or appearing before the Club committee.

These rules may be altered by the Club Committee but only with the consent of two-thirds of owners present at a Class meeting after seven days' notice in writing to them with the proposed alteration specified.