

PHANTOM CLASS ASSOCIATION

THE RULE & MEASUREMENT FORM FOR THE PHANTOM CLASS

****SHORTENED VERSION FOR USE WITH GRP BOATS ONLY****

Name of Owner..... Club.....

Address.....

.....

.....

Post Code..... Phone No.....

Phantom Built: Professionally

Builders Certificate Attached: **Yes/No**

[Attachment of this Certificate means that the remainder of Rule 4 and Rules 5 to 10 inclusive are automatically satisfied.]

Is the European Directive label prominently displayed on the boat? **Yes/No**

Sail Number..... Date Built.....

Boat Name..... Builders Name.....

Has the Royalty been paid? **Yes/No**

I.....Official Measurer of the Phantom Class Association,
certify that Phantom, Sail Number.....was measured by me on the.....day of
..... 20..... and was found to conform to the Phantom Class Rules.

Signed.....

I.....certify that I carried out a Buoyancy Test on
Phantom, Sail Number on theday of20.....
And it was found to conform with the Phantom Class Rules.

Signed.....

**PLEASE FORWARD COMPLETED MEASUREMENT FORM TO
THE PHANTOM CLASS ASSOCIATION SECRETARY SO THAT
RECORDS CAN BE KEPT UP TO DATE. A RACING
CERTIFICATE WILL THEN BE ISSUED.**

PLEASE COMPLETE MEASUREMENTS WHERE APPLICABLE

- RULE 1 OBJECTS**
The objects of these rules are to establish the Phantom Class as a strict one design in all respects affecting the hull shape, deck layout, deck plan and sail plan, yet allow sufficient latitude in cockpit design and other matters in order to promote interest in the fitting out, maintaining and racing of the boats themselves.
- RULE 2 COPYRIGHT OF DESIGN**
The copyright of the Phantom design is vested in the 2 designers, Brian Taylor and Paul Wright, and no alteration may be made to this design of these rules without their prior permission.
- RULE 3 MEASUREMENT ELIGIBILITY**
A Phantom may only be eligible for measurement provided that the Design Royalty has been paid to the designers.
- RULE 4 CONSTRUCTION MATERIAL**
- 4.2 GRP boats and boats built from other materials except wood to be from licensed moulds. -----
- 4.5 Kevlar and Carbon Fibre or their equivalents are not permitted for the construction of hulls. It is the builders and owners responsibility to ensure that all materials have the approval of the Phantom Class Association. -----
- RULE 11 CENTREBOARD**
- 11.1 When housed, no part of the centreboard shall extend below the keel line. -----
- 11.2 The complete centreboard shall float in water. -----
- RULE 12 THE CLASS NUMBER**
- 12.1 The Class registration number shall be carved on the hog in 25mm minimum height, behind the centreboard housing. -----
- 12.2 In the case of partial or full false floors, displayed on prominently on the inner transom or centreboard case. -----
- RULE 13 BUOYANCY**
A minimum of three separate, built in buoyancy chambers shall be provided, so positioned and of sufficient volume that when the cockpit is flooded the boat will float upright and reasonably level fore and aft supported solely by the aforesaid buoyancy chambers for not less than 30 minutes with the owner on board.
- This test shall be carried out when the boat is measured (1st) and then be subject to annual inspection. Alternatively, a dry test shall be carried out. The owner shall be responsible for ensuring that the boat shall always be able to pass the test prescribed above. -----
- RULE 14 HULL WEIGHT & WEIGHING**
All boats shall be officially weighed in a dry condition. The intention of this clause is to define the condition in which boats (old and new) shall be weighed; and such condition shall be that in which a boat would normally be sailed in races save that the mast, boom, sail, rigging and loose cordage shall be removed; rudder shall be unshipped; ancillary gear, such as paddles, warps and anchors etc, shall be unshipped; and the term boat(s), for the purpose of this clause means a boat in the condition prescribed above.
- The weight of the boat including centre-board shall not be less than 61Kg -----

If required, corrector weights totalling not more than 3 Kg shall be permanently fastened to the underside of the thwart or as close as possible to the centre of the boat. -----

If after a boat is found to weight more than 61 Kg she may be officially re-weighed and if corrector weights had previously been fitted (weight in excess of 61 Kg) shall be removed by reducing or removing such corrector weights. If after removal the boat still weighs more than 61 Kg then the owner may, in his discretion, choose to lighten her by removing fittings, but weight shall not be further reduced by removing or lightening any constructed materials. After re-weighing, an owner shall apply for a new Racing Certificate.

RULE 15 MAST AND BOOM BANDS

MAST: The mast shall carry two painted or taped bands of a colour strongly contrasting with the colour of the mast and each shall be approx 15mm in width thus:

- 15.1 The top edge of the lower band shall be 535mm plus or minus 10mm above the deck at the centre line. -----

When rigged, the projection of the line of the top of the boom shall not cut the mast below the top edge of this band.

- 15.2 The bottom edge of the upper band shall be a maximum of 5626mm above the top edge of the lower band. No part of the mainsail shall be set above the bottom edge of this band. -----

- 15.3 **BOOM:** The boom shall carry one painted or taped band of a colour strongly contrasting with the colour of the boom and the band shall be approx. 15mm in width. -----

With the boom fitted to the gooseneck on the mast, and at right-angles to the aft side of the mast in the fore and aft position, the distance from the aft side of the mast to the forward edge of the boom band shall not exceed 2820mm and the clew of the sail shall not be set beyond the forward edge of this band. -----

- 15.4 Both the mast and boom sections shall pass through a ring of 100mm diameter. -----

- 15.5 The centre of the mast which shall be deck-stepped shall be 1000mm from the stem, plus or minus 100mm. -----

- 15.6 The main side shrouds must not adjustable whilst sailing. It is permissible to adjust lower shrouds whilst sailing. -----

RULE 16 CREW

The crew whilst racing shall consist of helmsman only.

RULE 17 PROHIBITIONS

Apart from the toestraps constrained within the cockpit area, no apparatus or contrivance shall extend outboard from the hull, spars or rigging shall be attached to, or used by the crew where the effect of such equipment is to support the crew wholly or partially outboard. No projections shall be allowed from the underside of the hull, except for one bilge keel on either side which shall not exceed 1200mm in length, 25mm wide and 10mm depth. -----

Sitting out pads may be fitted provided the extension beyond the hull is not in excess of 7mm on either side. -----