

**The G.P. Fourteen
Class
International
Association**

**1990
HANDBOOK**



National Championships, Mumbles 1989

Rule 10 — Spinnaker Boom

1. The spinnaker boom and the whisker pole shall be of optional material and design. Neither shall exceed 1829mm in length including the fittings.
2. One end of the spinnaker boom or whisker pole must be attached to the mast, when in use, at a point not more than 1422mm from the heel of the mast.

Rule 11 — Sails

1. (a) Two bands of a contrasting colour shall be painted on the mast as follows:
The upper edge of the lower band shall be 1270mm from heel of mast. The luff of the mainsail shall not extend below this point.
(b) The lower edge of the upper band shall be 6756mm from the heel of the mast. The luff of the mainsail shall not extend above this point.
2. One band of contrasting colour shall be painted on the main boom. The forward edge of this band shall be 2502mm from the aft face of the mast at the gooseneck measured along the boom for wooden masts. For metal masts the measuring point shall be from the aftermost face of the mast to the forward edge of the band, measured along the boom at right angles to the mast. This measurement shall be 2486mm.
3. (a) Class insignia of optional colour on the mainsail is to be:



- with Registered Number figures below
- (b) The insignia and figure shall each be not less than 305mm high.
 - (c) Holders and past holders of the National Championship may wear an additional bell 102mm in height immediately above the Class insignia.
Holders and past holder of the World Championship may wear an additional bell 102mm in height surrounded by a circle of not more than 152mm internal diameter immediately above the Class insignia.
 - (d) Spinnakers shall carry the registered number of the boat in numerals not less than 305mm high on the forward face, when set, of the sail at approximately half height.
 - (e) If the spinnaker shows an emblem, no part of the emblem shall be within 305mm of any of the numerals on the sail.
 4. Material: Mainsails and foresails shall be made of cotton of which the minimum weight shall be 4 oz. per square yard or of synthetic fibre cloth of which the minimum weight shall be 4.5 oz. per square yard.
 5. The maximum prices at which sail may be sold shall be decided by the Committee from time to time and such prices shall include all materials, insignia, numbers, sail battens, foresail hanks, windows and sailbag.
 6. Measurements: All sail measurements are maximuma.

(a) GENOA

- (i) LUFF 4089mm
FOOT 2286mm
LEACH 4089mm
HEAD TO MIDDLE OF FOOT 4140mm
- (ii) A transparent unwoven panel must be incorporated in the sail as a window. The window shall have a transparent area covering a rectangle not less than 200mm nor more than 450mm deep and not less than 750mm long, the whole of the lower edge of which shall lie between 120 and 370mm from the straight line joining the tack and the clew when the sail is laid flat. At no point shall the window be less than 230mm from the luff and the leach.
- (iii) The measurements of luff, leach and foot shall be taken between the bearing surfaces of the cringles with the sail free of wrinkles. In cases where the cringle is outside the sail the measurement shall be taken to the point of the sail nearest to the cringle. The head to foot measurement of the foresail shall be taken along the line of the fold which is formed when the sail is laid flat with the tack and clew together and the luff and leach coinciding.
- (iv) Foresail tack to be not more than 152mm above the deck when hoisted.
- (b) JIB
 - (i) LUFF 3658mm
FOOT 1753mm
LEACH 3200mm

- (ii) A transparent unwoven panel may be incorporated in the jib as a 'window'. It shall not exceed 610mm in length fore and aft and 305mm in height. The lower edge of the 'window' shall be approximately parallel to a straight line joining the tack and clew of the jib when the sail is laid flat. The lower edge of the 'window' shall be not more than 229mm nor less than 152mm from this straight line and the after edge of the 'window' shall be not more than 381mm nor less than 305mm from the leach.

(c) MAINSAIL

- (i) LUFF 5486mm
FOOT 2438mm
LEACH 5791mm
- (ii) The mainsail leach measurement shall be taken with the sail free of wrinkles.
- (iii) The cross measurement at a quarter height of the luff, taken at right angles to the luff, shall be 2261mm.
- (iv) The quarter height measurement shall be taken along the line of the fold which is formed when the bottom forward corner of the tack (at the nearest point to the tack cringle) is placed on the mid point of the luff with the two lower quarters of the luff coinciding and the sail smoothed out.
- (v) The cross measurement at half the height of the luff taken at right angles to the luff shall be 1676mm.
- (vi) The half height measurement shall be taken along the line of the fold which is formed when the top forward corner of the headboard is placed on the bottom corner of the tack (at the nearest point to the tack cringle) with the two halves of the luff coinciding and the sail smoothed out.
- (vii) The cross measurement at three quarters of the height of the luff taken at right angles to the luff shall be 965mm.
- (viii) The threequarter height measurement shall be taken along the line of the fold which is formed when the top forward corner of the headboard is placed on the mid-point of the luff with the two upper quarters of the luff coinciding and the sail smoothed out.
- (ix) The measurement taken at right angles to the luff 102mm below the head shall be 165mm.
- (x) The measurement of the leach shall be along a straight line from the top of the headboard nearest to the mast to the corner of the clew.

(d) SPINNAKER

- (i) LUFF 3962mm
FOOT 2286mm
- (ii) Spinnakers shall be measured with the sail folded in half and laid on a flat surface with just sufficient tension to remove wrinkles.
- (iii) The length of the luffs between the highest point of the sail and the lowest point of the sail directly below the centre of the tack or clew cringles shall be 3962mm.
- (iv) The length of the foot measured around the edge of the sail between the outermost parts of the sail directly opposite the centre of the clew or tack cringles shall be 2286mm.
- (v) The width of the sail at half height shall be 2337mm. The half height measurement shall be taken along the line of the fold which is formed when the head of the sail is placed over the tack and clew with the luffs coinciding and the sail smoothed out.
- (iv) The measurement taken from the highest point on the sail to the centre foot shall be 4242mm.

7. All sails to be measured in a dry condition.

8. Certification:

- (a) A measurer registered with the Association having satisfied himself that sails meet these requirements shall mark the sails with the Association's official stamp in the region of the clew and add the date, his initial and registered measurer's number.
- (b) Sails will be subject to measurement at any time.
- (c) Professionally made sails will not be accepted unless manufactured by a sailmaker registered with the Association.
- (d) Sails made by amateurs are acceptable in the Class, but such sails must be forwarded to the Hon. Secretary of the Association for certification, except in the case of a member of a Branch who shall forward such sails to the Hon. Secretary of the Branch for certification.

