



DEFENDER TWELVE

SAIL PLAN

PLAN B-1

3.6.8 Class Emblem

a) The class emblem on the mainsail shall be as on PLAN B and contained within two 180 X 320mm rectangles located starboard on top of port but separated by a 70mm space. The centerlines of the rectangles shall be on line between mid head and mid foot, between the top and next batten pockets.

b) The class emblem shall be black.

c) The class emblem of a skipper receiving a honor award shall be as described in section 4. in the Racing Rules.

3.6.9 The national letters and distinguishing numbers shall not be less than: height 130mm, width 70mm (except the figure or letter I), thickness 20mm. The space adjoining letters and numbers shall be 20mm. The distinguishing numbers and letters shall be no closer than 130mm from any edge of the sail, located starboard on top of port but separated by a 70mm space and located between the second and third batten pockets.

3.6.10 Mainsail

a) The headboard may be of any material with a maximum width of 70mm and shall not extend more than 80mm aft of the head when measured at right angles to the luff including the luff rope.

b) The length of the leech shall not exceed 4700mm.

c) The cross width measurements shall be taken from between the three-quarter, half and quarter points on the leech and luff, located when the head and clew, and head and tack are folded for the half height points, and when the head and clew, and head and tack are folded to the half-height points to determine the three-quarter and quarter height points.

d) The maximum three-quarter height width including the luff rope shall not be more than 700mm.

e) The maximum half height width including the luff rope shall not be more than 1130mm.

f) The maximum quarter height width including the luff rope shall not be more than 1440mm.

g) The sail shall have four battens. The top and bottom battens shall not be more than 260mm in length and the intermediate battens shall not be more than 310mm in length. The maximum width of the battens shall not be more than 20mm nor less than 10mm.

h) The distance from the head and clew to the intersection of the aft edge of the sail with the centerline of the nearest batten pocket, measured in a straight line, shall not be less than 900mm.

i) A cunningham hole may be fitted in the luff.

j) A leech tensioning cringle may be fitted in the leech.

k) A leech line is permitted.

l) Camber lines are permitted.

3.6.11 Genoa

a) The width of the head measured at right angles to the luff including the luff tape and headstay shall not be more than 35mm.

b) The luff shall not be more than 3530mm nor less than 3500mm.

c) The length of the leech shall not be more than 3300mm nor less than 3250mm.

d) The diagonal (LP) shall not be more than 1945mm nor less than 1900mm measured from the clew to the forward side of the luff tape and headstay at the nearest point.

e) A cunningham hole may be fitted in the luff.

f) A leech line is permitted.

g) The leech shall not be convex.

h) Camber lines are permitted.

i) Battens are not permitted.

3.6.12 100% Jib

- a) The width of the head measured at right angles to the luff including the luff tape and headstay shall not be more than 35mm.
- b) The luff shall not be more than 3530mm nor less than 3500mm.
- c) The length of the leech shall not be more than 3300mm nor less than 3250mm.
- d) The diagonal (LP) shall not be more than 1150mm nor less than 1100mm measured from the clew to the forward side of the luff tape and headstay at the nearest point.
- e) A cunningham hole may be fitted in the luff.
- f) A leech line is permitted.
- g) The leech shall not be convex.
- h) Camber lines are permitted.
- i) Battens are not permitted.

3.6.13 Spinnaker

- a) The spinnaker shall be a three-cornered sail symmetrical about its center line.
- b) Sufficient tension shall be applied to remove wrinkles and creases along the line of measurement.
- c) The length of the leeches shall not be more than 3700mm nor less than 3600mm.
- d) The length of the vertical center fold shall not be more than 4100mm nor less than 4000mm.
- e) The width of the foot shall not be more than 2400mm nor less than 2300mm.
- f) The cross width measurements shall be taken from between the three-quarter and half height points on the leech measured in a straight line, located when the head and clews are folded for the half height points, and when the head is folded to the half height points to determine the three-quarter height points.
- g) The three-quarter height width shall not be more than 1400mm nor less than 1300mm.
- h) The half height width shall not be more than 2500mm nor less than 2400mm.

3.7 Weight

3.7.1 The all-up minimum weight for racing excluding skipper shall not be less than 500 lbs.

3.7.2 The skipper's weight shall not be less than 200 lbs. including adjustable ballast which shall only be carried in the moulded in ballast sump aft of the skipper.

3.8 Fixed Fittings and Equipment To Be Carried While Racing

3.8.1 Two genoa sheet tracks, each not more than 450mm in length, located with the center lines of the tracks not less than 790mm nor more than 800mm apart in the position indicated on PLAN A.

3.8.2 One spinnaker sheet lead located port and starboard that shall not be more than 2750mm, measured horizontally to the stem at the sheer line, and the center line of the lead shall not be closer to the sheer rail than 35mm.

3.8.3 One manual bilge pump.