

WEEDLESS 1M CANADA CLASS RULES

Rev 9-6 Final 18 Jan 2020

1.0 INTRODUCTION

The Weedless 1M Canada Class is a box rule open class (anything not prohibited is permitted) .

This class was conceived to fit the following requirements:

- Permit navigation in weedy waters,
- To be able to sail in a wide range of water and wind conditions,
- To be of size and weight to permit easy launching, retrieval and transportation,
- Allowing for variety and innovation of design while making it possible to build competitive boats without excessive costs.

2.0 HULL

The hull shall fit into a box with interior dimensions of 1 meter long by 240mm wide and 280 mm deep. Length shall be no less than 995mm. No part of the hull or deck shall project above the box within 5mm of the beam, as shown in the Hull Measurement Diagram below. Deck fittings may project above the box. There shall be a bow bumper that may extend beyond the box by the of maximum 10mm.

2.1 The hull shall be a mono-hull with no transverse hollows.

2.2 The leading edge of the keel shall have no projection forward and maximum 45° to horizontal bottom of measurement box.(See Hull Measurements diagram below)

2.3 Ballast shall be of a material that does not exceed the density of lead.

2.4 The minimum all up weight of the boat, fully rigged and ready to race with radio and batteries, shall be 3.4Kg (7.5 lbs)

3.0 SAILS

3.1 The rig shall have a main and jib. The total combined sail area shall not exceed 3550 sq cm (550 sq. in). maximum measured triangle measured to edge of sail material. – see control diagram. The main roach shall be a fair curve with a maximum depth of 40mm. The jib leech shall be a straight edge. Foot roaches are not permitted. No rigid sails are allowed.

3.2 All sail to be made with single panel and may not be shaped by heat or force.

4.0 SPARS.

4.1 May be of any material, but shall not exceed 19mm maximum cross section.

5.0 IDENTIFICATION

5.1 The Hull Registration number shall be assigned by the National Authority, and shall be sequential starting at 1.

5.2 The Hull Registration Number shall be painted or embossed inside the hull to be non-removable.

5.3 The sail number shall be at least two digits of the Hull Registration Number or Personal Sail Number (PSN) and shall comply with The RRS Appendix E.8.

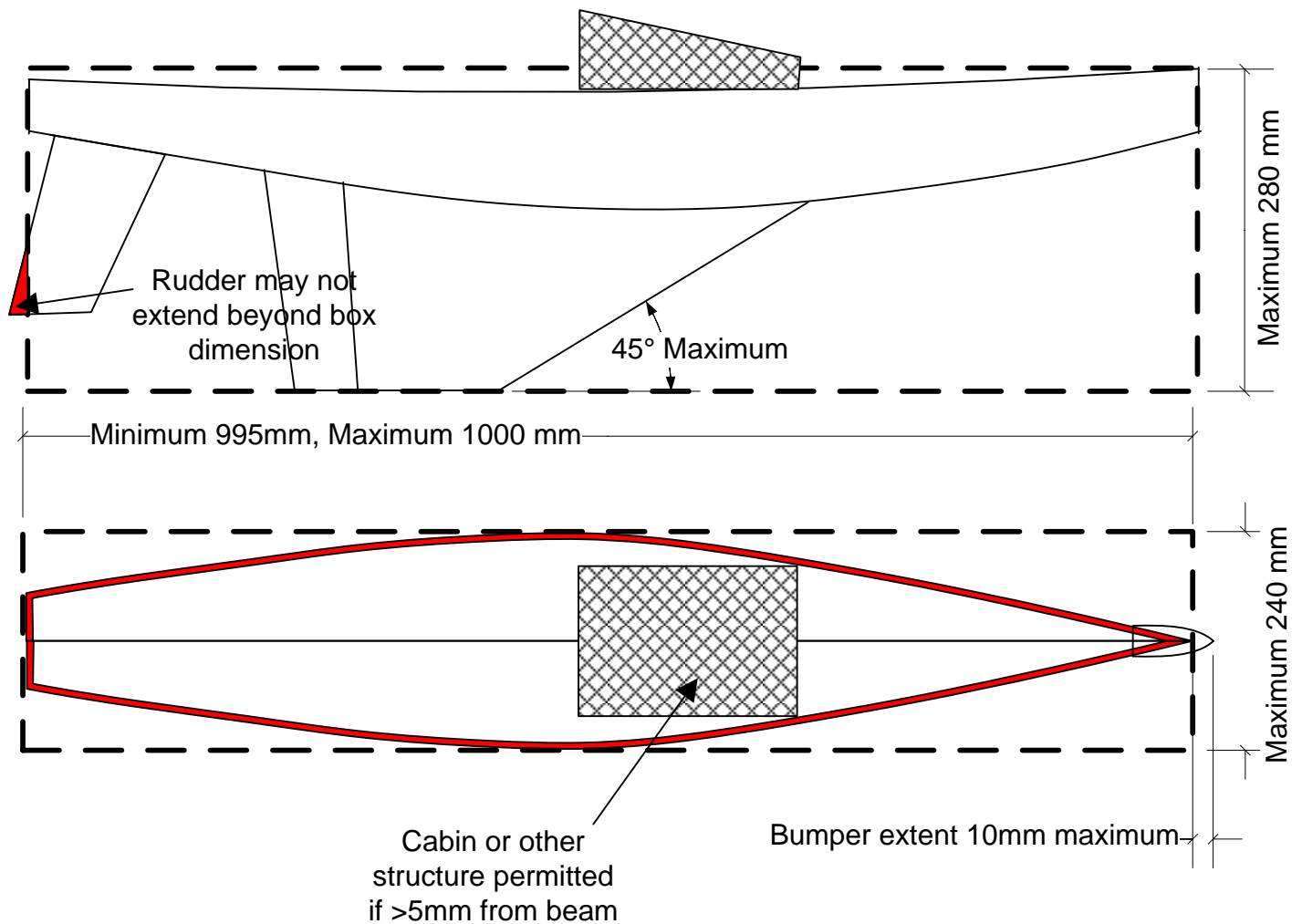
5.4 The Class insignia "W" to be 1.75" (175pt) or 40-50mm in Ariel Bold font and to be placed in the upper third of the main.

6.0 RADIO CONTROL

6.1 There shall be no more than three functions.

6.2 Except for control unit positioning and syncing, or battery state, no radio transmissions from the boat may be used.

Hull Measurements



Deck fittings may project above box (eg sheeting post)

Sail Measurements

Sail area Calculations

Area = $(X_m \times Y_m) / 2 + (X_j \times Y_j) / 2$ (3550 sq. cm, 550 sq. in maximum)

