LAKE MACQUARIE WINDWARRIOR FLEET

BY-LAWS as at 18/7/2013

1. OBJECTS

1.1 The group is to be known as 'The LAKE MACQUARIE YACHT CLUB WINDWARRIOR FLEET'.

1.2 The Fleet is formed for the purposes of;

- Promoting the racing of Wind Warrior radio controlled yachts
- Encouraging participation and fellowship
- Servicing a special interest group of Lake Macquarie Yacht Club members
- Promoting the class.

2. MEMBERSHIP

2.1 A member of the Fleet shall be an owner/charterer of a Wind Warrior class radio controlled yacht and be at least a Social Member of the Lake Macquarie Yacht Club.

3 FEES

3.1 The annual fee for membership of the Fleet shall be $25 per annum due and payable on the 1st April of each year. Currently suspended.

3.2 Race fees shall be $3per race day or such other sum as may be determined from time to time irrespective of the number of races conducted or competed in on the day.

3.3 There will be no refund of annual or race fees.

3.4 A prospective member shall be entitled to race on 3 race days and thereafter shall join the Fleet and Lake Macquarie Yacht Club.

3.5 Members are encouraged as members of LMYC to become members of the YA insurance membership scheme for cover against personal accident or injury.

4 OFFICE BEARERS

4.1 Following the inaugural meeting the following Officers shall be elected annually by financial members of the Fleet;

- Fleet Captain
- Vice Captain
- Secretary
- Treasurer

4.2 The Fleet Captain shall be the senior office bearer and shall be the Chairman of all meetings and Committees.

4.3 The Vice Captain shall substitute for the Fleet Captain in his absence and shall be responsible for the organisation of racing.

4.4 The Secretary and Treasurer shall carry out the functions normally associated with those offices. One person may hold both positions.

4.5 The Office Bearers shall form the Race Committee together with as many other members as constitute the lowest odd number quorum.

5 CONDUCT

5.1 A Member of the Fleet shall comply with the Rules , Regulations and By-laws as applicable of the LMYC and shall ensure that a visiting helmsman do likewise.

5.2 Inappropriate language, swearing, overtly and unnecessary aggressive behaviour and personal confrontation when racing shall not be permitted. A helmsman who is warned by the Fleet Captain on 3 occasions may be suspended from racing until the next meeting of the Fleet. At that meeting the status of the member shall be reviewed.

6 RACING RULES

6.1 A member shall comply with the Racing Rules and the Sailing Instructions of the Fleet.

6.2 A member shall sail using the principles of Fairness and Sportsmanship and will immediately take a racing penalty when the member knows s/he has infringed a rule.

7 CHANGE OF BY-LAWS

7.1 The By-Laws may be changed, added to, varied or deleted by a 75% majority vote of those present at a monthly meeting provided 14 days notice has been circulated to the Fleet members.

8 COMPLIANCE

8.1 By becoming a member of the Fleet and paying annual fees a member agrees to comply with these By-Laws.

WINDWARRIOR CLASS RULES as at 31st May 2014.

INTENT

1.1 The purpose of these Class Rules is to ensure one design fair and equitable racing at a reasonable cost of the Class as manufactured.

2 HULL

2.1 The Hull shall be to the specifications and as supplied by Wind Warrior Yachts New Zealand (the Manufacturer) and shall be,

- Overall length 670mm
- Beam 235mm
- Draft 260mm
- Displacement 1750 gms
- Ballast 0900 gms
- GRP construction
- Rudder Depth 160mm

2.2 Changes shall not be made to the displacement weight, hull or underwater appendages.

2.3 Additional fairings shall not be permitted.

2.4 The keel and rudder shapes shall not be altered except the trailing edges may be fined or keel and rudder profiles as supplied by the Manufacturer.

3 SPARS and RIGGING

3.1 The mast shall be,

- Tapered aluminium
- Height 870mm
- Overall height 1220mm

To the specifications and as supplied by the Manufacturer.

3.2 Mainsail boom shall be constructed and attached, as per the specifications and as supplied by the Manufacturer and

- Outhaul, 3 positions only
- Shall not contain lightening holes

3.3 Mast Spreaders shall be, positioned as per the specifications and as supplied by the manufacturer.
Angle of sweep back may be adjusted.
Spreader bases may be reinforced to the mast with epoxy glue.

3.3 Headsail boom and its attachment to the deck and control lines shall be as per specifications and as supplied by the manufacturer. shall be ,

- Replacement Tack attachment ring diameter not to exceed 010mm

3.4 Mast Rake may be adjusted.

3.5 Forestay and cap shroud lengths shall not be altered. Cap shrouds shall be of equal length.

3.6 Forestay and Cap shroud mast attachment point shall not be altered

3.7 Mast shroud deck attachment points shall not be altered.

4 SAILS

4.1 Sails shall not be lighter than 0.5 ounce Polyester..

4.2 .Minor repairs and replacements may be made by the Owner.

4.3 Exotics shall not be permitted.

4.4 A boat shall use not more than 3 sails being light weather mainsail (square top), regular mainsail and jib. The cloth weight for light weather sails shall not be less than 0.5 ounce Polyester.

4.5 The Mainsails dimensions and shape shall be,

- Luff 790mm
- Foot 256mm
- Roach not exceeding 045mm

Mainsails shall display the Class insignia and registration number issued by the Manufacturer. The Mainsail number shall not be changed.

Sail numbers and insignia shall be obtained from the Race Committee.

PLACEMENT

Class insignia shall be placed on the starboard side of the mainsail 280mm from the head.

Sail Numbers shall be placed on the starboard side of the mainsail 345mm from the head

SIZE

Class insignia shall be 37mm high and the downstroke of the W 10mm thick and the upstroke of the W 05mm thick.

Sail Numbers shall be 35mm high and 06mm thick

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4.6 The Headsails, dimensions and shape shall be,

- Luff 670mm
- Foot 230mm
- LPG 205mm

5. BATTERIES

5.1 On board batteries shall be similar to 4x AA cell batteries with no weight restriction.

5.2 All batteries shall be placed in the in-built battery pack compartment when racing, the forward edge of the compartment shall be 095 mm aft of the mast tack

6 COUNTERWEIGHTS

6.1 Additional internal ballast shall not be added, or supplied displacement weight reduced.

6.2 Counterweights to bring a boat up to minimum weight shall be positioned on the centreline of the boat in the bilge immediately in front of the forward servo motor housing. Once positioned counterweights shall not be moved from the designated position.

7 DISPUTES

7.1 Disputes as to Class measurements and compliance will be resolved by the Race Committee on advice from the manufacturer where appropriate.

8. EXCLUSIONS

8.1 All changes, modifications or variations from standard manufactured boats are prohibited unless expressly permitted by these rules.

9.0 ALTERATIONS

9.1 These Class rules may be changed, modified or added to as the need and experience arises provided the proposed changes are passed by a 75% majority of the Members

present at a meeting of which not less than 14 days notice has been given. Such changes as refer to dimensions and measurements shall be provisional and shall not come into force unless and until they are confirmed as acceptable by the manufacturer.

10 ADVERTISING

10.1 Advertising may be carried and if carried shall comply as follows,

- Mainsail, only 1 advertisement on both sides each not exceeding 45% of the sail area of the side affixed.
- Hull, only 1 advertisement which maybe on both sides and may be different from the mainsail advertisement and the area of the advertisement shall not exceed 50% of the area of the side of the hull.
- Spars unlimited
- Keels from the hull attachment point to the bulb unlimited.
- Advertising not to conflict with fleet sponsorship.

11 TOLERANCES

11.1 Variations of measurements due wear and tear or within 001mm are allowable.

12 DRY WEIGHT.

12.1 The all up dry weight of the hull, appendages, hatch cover, Mast, rigging, mainsail and headsail and internal equipment (but excluding batteries) if less than 1750 grams corrector weights maybe required to be fitted at the direction of the Race Committee. Attention is drawn to Class Rule 6.2.

13. DESIGN CHANGES AND RACING DIVISIONS

13.1 Unless otherwise determined racing shall be in two Divisions being

- Division 1 for Mark II design boats with sail numbers above 1000 and
- Division 2 for the original design boats with sail numbers below 1000.
- Junior Division for persons under the age of 18 years 1 June of each year.

13.2.1 Results on both scratch and Performance and 'Gun Boat' in each Division shall be awarded.

14. POINTSCORES AND PERFORMANCE RESULTS

14.1 There shall be four seasonal point scores and an overall Annual point score conducted.

14.2 Results on scratch, performance and annual 'Gun Boat' will be award as follows;

- 1st, 2nd and 3rd on scratch in each Division for Seasonal and Annual results
- 1st, 2nd and 3rd on Performance in each Division for Seasonal and Annual results
- 1st for Annual 'Gun Boat' in each Division.

14.3 Performance results in each Division shall be determined as follows;

- The target number shall be determined by multiplying the number of races completed on the day by 50% of the competitors entered for the day
- A boat's scratch score shall be divided into the target number to produce the boat's performance factor
- A boat's race performance factor for the next race shall be the average of its performance factors in the previous 3 race days.
- A boat's total scratch score shall be multiplied by its race performance factor to produce its corrected performance score.
- The boat with the lowest corrected performance score shall be scored 1st the next lowest 2nd and so on.

- A boat shall not have a performance factor of less than .500.
- A minimum of 3 boats completing three races in each Division shall constitute a day's racing.

15. COMPETITION DAYS

15.1 From 1 September until 31 May in each year competition will be conducted on Thursday evenings from 1700 hours. At other times on Saturdays from 1300 hours. Other dates and times may be published at the discretion of the Race Committee.