



## **Gauteng Model Boat Club Sailing Championship Regulations**

The Gauteng Model Boat Club organises an annual championship for radio-controlled sailing boats, which is held in terms of these regulations.

The objective of these regulations is to have competitive fairness where good results come from the skill of the skipper in sailing well and adjusting his/her boat to the sailing conditions, and not altering or modifying the boat to create an unfair advantage. Above all else, the aim is to have social, friendly competitive fun!

### **Eligible Boats**

1. The only boat eligible for points in this championship is the Kyosho Seawind in either ABS kit, or carbon fibre or Readysset form and all boats must remain standard and unmodified except for the modifications permitted below. If any modification is not allowed for in these regulations then it is not permitted.

### **Modifications**

- 1.1. Only the standard Kyosho Seawind hull, mast, booms, keel fin, lead or steel bulb and rudder may be used. If any of the above parts become damaged, then they must be replaced with genuine Kyosho spare parts, otherwise repairs to the above parts are permitted providing that in the process of repair the performance characteristics of the boat is not enhanced and that the silhouette of the part is not changed.
- 1.2. The only sails which are permitted are the standard Kyosho sails or the sails manufactured by Tippecanoe in the US as a direct replacement.
- 1.3. Alterations to the hull shape shall not be permitted. Hull mould seams may be removed. The hull may be painted or polished.
- 1.4. Internal reinforcing of the hull is permitted around the keel box to overcome the weakness in this area.
- 1.5. Internal reinforcing of the hull is permitted under the mast step to overcome the weakness in this area.
- 1.6. Keel fins may be flared into the hull and the bulb with a suitable filler.
- 1.7. The shape, position and angle of the keel shall not be changed.
- 1.8. The keel fin, bulb and rudder may be painted, smoothed or polished.
- 1.9. The keel fin attachment hole in the bottom of the bulb may be filled.

- 1.10. All mast and boom fittings, with the exception of fairleads, cleats and bowsies, must be used and shall be located at the positions defined in the kit instructions.
- 1.11. The vang may be modified or replaced with another design but it must retain the standard Kyosho ball and socket end fittings.
- 1.12. Radio receivers and batteries are free of restriction, but no more than two radio channels shall be used and they shall control the sails and rudder only.
- 1.13. A burgee may be attached to the mast and other devices for indicating wind direction may be fitted to the mast or sails.
- 1.14. Deck ornaments such as plastic winches, steering wheels and tracks from the kit may be fitted or omitted.
- 1.15. The size, position and design of servo arm winch and rudder servo may not be changed. No additional servos may be fitted.
- 1.16. Because of leaks, the standard hatch cover may be modified or replaced with another design provided that the hatch opening in the deck shall not be enlarged or changed in shape.
- 1.17. Cleats may be replaced with bowsies to allow better control of adjustment to sheets and halyards and additional cleats and fairleads may be added.
- 1.18. Additional holes may be drilled through the main and jib boom plastic end pieces to allow the clew outhaul position to be changed.
- 1.19. Inhauls may be fitted to both main and jib clews to permit the clew to be pulled forward to modify the shape of the sail.
- 1.20. The jib boom to deck pivot may be replaced with a metal swivel.
- 1.21. The line used for standing and running rigging may be replaced with alternatives.
- 1.22. The minimum weight of a boat shall not be less than 2.95kg including batteries.
- 1.23. The power on/off switch may be moved or removed.
- 1.24. A topping lift is not permitted. If fitted it must be disabled for racing.
- 1.25. Sail battens may be replaced by a similar material provided that the position, width and length remain the same as the original items and specifications.

## **Racing Rules**

2. Although the accent is on sailors having fun and not ruthlessly applying racing rules, there are a few rules that need to be applied in order to minimise collisions:

### **2.1. The Port and Starboard Rule**

When you are beating to windward, normally after starting the race or rounding the leeward mark, you will frequently change tack from Port (where the wind is coming over the left-hand side of the boat) to Starboard (where the wind is coming over the right-hand side of the boat). A boat on Port tack must yield right of way to a boat on Starboard. An easy way to remember which is which is using this phrase: "The ship left port" - left is port. This rule also applies to boats running downwind. If your main boom is on the right side of the boat you are on Port and must yield right of way to a Starboard boat.

### **2.2. Rounding a Mark**

At each mark of the course, there is a 'zone', an imaginary circle whose radius is four boat lengths from the mark. The first boat to arrive in the Zone has right of way over any boat not yet in the zone, however if two boats arrive at the zone and Boat A has an inside

overlap on Boat B, then Boat A can call for room (Water! or Water at the mark! or Room at the mark!) and Boat B is obliged to keep clear and make sufficient room for Boat A to pass the mark. If Boat B is clear ahead when arriving at the zone then Boat A cannot call for room even if she later gets an overlap because the overlap did not exist when the zone was entered by Boat B. Note that the two marks which form the start line are not marks of the course under this rule and no boat can call for room at either end of the start line. If you miss a mark, or round it from the wrong side, then you have to go back and round the mark again in the correct direction. If an imaginary string is laid out behind your boat as it sails along, then when the string is pulled tight it must follow the correct course around each mark.

### **2.3. Starting**

If any boat is over the line when the start signal is given, then that boat shall return around the outside of either of the two start marks and re-enter the start line from the back. Any such boat is not yet racing and shall keep clear of all racing boats.

### **2.4. Tacking Boat Keeps Clear**

When a boat is tacking it must keep clear of other boats. A boat may not tack 'under the bow' of an approaching boat in such a way as to force the other boat to alter course to avoid it.

### **2.5. Windward Boat Keeps Clear**

If two boats are on the same tack, then the boat which is to windward (upwind) must give way to the leeward boat (downwind boat) if the leeward boat has an overlap. An overlap is where the bow of one boat is inside a line drawn at right angles across the transom of the other. If there is no overlap, then the windward boat is clear ahead and has right of way over the boat astern.

### **2.6. Penalties**

If there is contact between two boats, it is because at least one of them has broken a rule. The offending boat must then do a 360-degree, one-turn penalty (turn your boat around through one tack and one gybe) and the penalty has then been served. You must do your one-turn penalty within the leg of the course in which the offence occurred, i.e. before you reach the next mark and as soon as possible after the infringement.

## **3. Championship Regattas and Races**

The organisers will attempt to hold at least nine races in each round of the championship. At least four races must be sailed in any regatta in order to qualify as a round.

3.1. There will be one round of the championship held each month on the third Sunday. There will be no round in December. A scheduled round can be cancelled or moved by the GMBC committee. If a round is not held one month it can be carried forward into the next month which would then have two rounds.

3.2. The low-point scoring system will be used i.e. 1 point for a win, 2 for second, etc.

3.3. If four races are sailed, all races shall count.

3.4. If five or more races are sailed, a competitor's worst result will be discarded.

3.5. If nine or more races are sailed, a competitor's worst two results will be discarded.

3.6. Ties in the Championship will be resolved by taking into account competitors' results in Round 1, followed by Round 2, etc.

- 3.7. If two or more boats are overlapped (see 2.5) as they cross the finish line then they shall all score the same position as the first overlapped boat to cross the line. E.g. if the boat finishing third is overlapped by the fourth boat, then both will score third place. Any boats not overlapped score their correct finishing positions.
- 3.8. In order to qualify as a finisher, a competitor must finish within two minutes of the first boat to cross the finish line.
- 3.9. A boat which starts the race but fails to finish in the allotted time shall score the same as the final finisher plus one point.

**3.10. Handicaps**

- 3.10.1. Novice sailors shall be permitted to cross the start line and start the race after the 30-second signal in the countdown sequence for each race in the championship series. For the purpose of this rule, a novice will be defined as any sailor who has scored two or fewer top-three positions in any GMBC championship races.
- 3.10.2. At Emmarentia Dam, novices may start at the forward start line at the same time as the rest of the fleet starts at the back start line at the end of the countdown sequence.

**4. Calendar**

- 4.1. The dates for the rounds of the championship are:

Sunday, 15 January 2017	GMBC Sailing Championship - Round 1
Sunday, 05 February 2017	GMBC Sailing Championship - Round 2
Sunday, 05 March 2017	GMBC Sailing Championship - Round 3
Sunday, 02 April 2017	GMBC Sailing Championship - Round 4
Sunday, 07 May 2017	GMBC Sailing Championship - Round 5
Sunday, 04 June 2017	GMBC Sailing Championship - Round 6
Sunday, 02 July 2017	GMBC Sailing Championship - Round 7
Sunday, 20 August 2017	GMBC Sailing Championship - Round 8
Sunday, 17 September 2017	GMBC Sailing Championship - Round 9
Sunday, 15 October 2017	GMBC Sailing Championship - Round 10
Sunday, 19 November 2017	GMBC Sailing Championship - Round 11

v1.6 – Ratified by GMBC members on 17 August 2017.