

# Sailing 2 April 2017

## Aggregate Match Race Series 5

Rain was forecast but there were just a few light showers around midday. The wind was from the north which gave us a good long course for the racing.

First up were Neil Purcell and I and we could start early as the first half dozen on the list were at the pond.

George Stead was top boat today, winning his four race. Reuben Muir, John Macaulay and Bruce Watson won 3 of their races. With Reuben and George having won their first 3 races their final race against each other was the pick of the races.



Reuben, who has swapped 196's hull to an old one, led across the line and initially kept a small lead on the windward leg. The wind died away and shifted allowing George to get ahead but to leeward. Reuben held starboard advantage and forced George to tack away. Reuben led to the mark (below) getting into the race between Neil (left) and Garry Irwin (right). They were also entangled at the bottom mark.



Neil won his race while Garry briefly caught on a buoy. George caught up to Reuben enough to windward to prevent Reuben tacking (photo next column), this allowed George to lead around the top mark.

*Below: Garry leads Terry ahead of Neil leads Reuben.*



George held the inside overlap at the top mark and led away on the downwind and was well ahead around the final mark. When Reuben rounded, a shift gave him a lift. As George tacked onto port to get to the line it looked as if Reuben, on starboard, may catch him but George was able to tack back and win by a length or two.

George and I are equal first in the series.

## In my Email inbox

Last week I reported that George Stead had his sail servo fail by rotating to fully one end:

“Turns out my problem was water in the controller !! Nothing wrong with the boat setup. I was using a cover but the water got in through the base of the controller so the cover must have been collecting water somehow”

Radio control works by matching resistances in potentiometers. The control movement varies a resistance which sends a signal (using PWM) to the servo via the receiver and the servo rotates to match the resistance value. If water gets on the pots this shorts out the resistance.

**Richard Plinston, President NZRYS**

**Next Week(s):**

**April 9: Autumn Series FINAL**

**April 16: Easter - fun day**

**April 23: ANZAC - fun day**

**New Zealand Radio Yacht Squadron**

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