



# 'UPWIND'

October 2011

THE HOME OF UNMODIFIED RADIO YACHTS.  
KYOSHO SEAWINDS - TAMIYA YAMAHAS - FAIRWINDS -  
WHITBREAD 60s – ONE CLASS DESIGNS



## INVITATION 2011 ANNUAL MEETING AND PRIZE GIVING

**Date:** Sunday 6<sup>th</sup> November 2011

**Time:** 3:00pm (after sailing starting at 1:00pm)

**Where:** AAFL club rooms,  
Onepoto Domain – 'The Pond'

**Buffet meal:** Fingerfood

**Cost:** No cost – club is funding the social  
Partners and guests most welcome

**Drinks:** Soft drinks provided

**Committee:** Nominations and volunteers are  
required for the 2012 season  
committee. All positions available

For catering purposes, please RSVP to

**Peter Andrews by October 28<sup>th</sup>**

**Phone: 410 4148**

**Email: [pfa@xtra.co.nz](mailto:pfa@xtra.co.nz)**

This years annual meeting, AGM and prize giving will be held on Sunday November 6<sup>th</sup> in the AAFL club rooms by the side of the Onepoto Domain pond.

The meeting commences at 3.00pm which is at the conclusion of the days sailing. Sailing is due to start at 1.00pm – weather permitting.

Club funds are to be used to pay for the use of the AAFL club room, provide non-alcoholic drinks and finger food.

Bonus: If you pay your 2012 club subscription at the AGM, it will be discounted by \$5.00.

At the AGM we wish to elect new club committee members. All members are encouraged to serve their time on the committee and if you have not

done so before, we ask that you nominate yourself for a position.

All positions are available for nomination.

President

Secretary

Treasurer

Newsletter Editor

Min' 3 Sailing Committee

The committee meets infrequently and it is not too onerous to organise each weeks sailing.

Please give your support to the club and attend the annual meeting – let Peter know by October 23<sup>rd</sup> if you will be attending and whether or not you will be bringing a partner.



## **Racing Program**

The club sails four seasonal race series, Summer, Autumn, Winter and Spring, each year plus the Aggregate Match Racing series. Holiday and family weekends are informal fun sailing days where the racing format is chosen by the attendees.

### **Seasonal Series:**

The seasonal series are sailed on 7 days, the best four day scores for each member are totalled for the overall series placings. This allows for three discard days, which may be because the racing is cancelled due to weather or pond conditions, or is each member's non-attendance or worst sailing results.

Each racing day for a series is a set of six races. These alternate between three scratch races, where the fleet all start at the same time, and two handicap races where each member has a performance handicap between zero and 60 seconds and starts at that time during the countdown. The final race has a divisional start where the A, B and C divisions each start together at times set by the race committee but usually 0, 30 and 60 seconds.

Five of the six races may count towards the series results with each member able to discard their worst race result.

Referees are given an assessed result for that race based on the average, rounded down, of the other race results after discarding the worst.

If racing starts but is later abandoned due to changes in conditions then at least four of the races must have been completed for the results to be counted. The results are scaled upwards after dropping one race, by 5/3 or 5/4 if four or five races were completed.

If a Lay Day is specified following the series then this can be used as a series race day to replace a cancelled day.

### **Handicaps:**

Individual performance handicaps are recalculated each competition day based on the results of the three scratch races. A division members can only have handicaps in the range 0-20 seconds while B division can be 0-40 seconds and C division 0-60 seconds.

The change at each recalculation will be only 10 seconds, while 10 seconds can be lost immediately it take two weeks to gain 10 seconds, this being indicated by a plus sign when the next gain may result in change.

### **Divisional Series:**

The last race of each seasonal series race day is started by division. The overall placings count

towards the day's racing but results are also recorded within each division and these count towards the member's divisional results. An award is made to the top scorer in each division.

In 2011 there were two Divisional series, each running alongside two seasonal series. This allowed the racing committee to adjust the member between divisions twice in the year.

### **Donations**

On club racing days, but not holiday weekend fun days, the jar is on the table for competitors' \$1.00 entry fee donation.

### **Aggregate Match Racing series:**

The Aggregate Match Racing series is sailed on nine race days in the year, a maximum of six results are accumulated by each member. The winner of the series is the challenger for the Match Racing Cup which is sailed against the defender who is the current holder of the Match Race Cup.

Each race day has four rounds of races. The match selection procedures, rules of the series and the start procedures for match racing can be downloaded from the web site at <http://Azonic.co.nz/NZRYS>.

### **Regattas:**

This year a Regatta was organised for the Auckland Anniversary Weekend. A second Regatta is proposed for early October. It is expected that these two Regattas will become a permanent feature of the schedule.

### **Change Proposals:**

Changes to the format of these series may be proposed at the AGM or prior, and discussed at the AGM so that they can be voted on by all members.

### **Changes to the Divisions**

The results of the series scratch races sailed by each member are accumulated and an average calculated by dividing the total score by the number of races sailed, including DNFs.

These are then sorted to order. The list is then divided into 3 roughly equal parts to set the Divisions. Individual adjusts to the order or the split by the racing committee.

## Race Results 2011

### Summer Series

1st	Kevin Webb	49
2nd	Geoff McGill	54
3rd	Richard Plinston	60

### Autumn Series

1st	Harry Bowles	54
2nd	Kevin Webb	57
3rd	Richard Plinston	64

### Winter Series

1st	Kevin Webb	43
2nd	Richard Plinston	54
3rd	Bruce Waton	61

### Spring Series

1st	Daniel Bush	56
2nd	Geoff McGill	61
3rd	Kevin Webb	68

### Divisional Series 1

A	Kevin Webb
B	Ivan Fraser
C	John Perkin

### Divisional Series 2

A	Kevin Webb
B	Gary Irwin
C	Neil Cullen

### Aggregate Match Race Series

1st	Kevin Webb
2nd	Geoff McGill
3rd	Richard Plinston

### Match Race Cup

TBA

### Anniversary Weekend Regatta

1st	Peter Andrews
2nd	Geoff Atkinson
3rd	Geoff McGill



## Proposed 2012 Schedule

6 Nov 11		AGM	
13 Nov 11		Summer	1
20 Nov 11		Summer	2
27 Nov 11		Summer	3
4 Dec 11		Aggregate 1	
11 Dec 11		Summer	4
18 Dec 11		Summer	5
25 Dec 11	Christmas	break	
1 Jan 12	New Year	break	
8 Jan 12		Aggregate 2	
15 Jan 12		Summer	6
22 Jan 12		Summer	7
29 Jan 12	Anniversary	Regatta	
5 Feb 12	Waitangi	Fun Day	
12 Feb 12		Aggregate 3	
19 Feb 12		Autumn	1
26 Feb 12		Autumn	2
4 Mar 12		Aggregate 4	
11 Mar 12		Autumn	3
18 Mar 12		Autumn	4
25 Mar 12		Autumn	5
1 Apr 12		Aggregate 5	
8 Apr 12	Easter	Fun Day	
15 Apr 12		Autumn	6
22 Apr 12		Autumn	7
29 Apr 12		Lay Day	
6 May 12		Aggregate 6	
13 May 12	Mothers Day	Fun Day	
20 May 12		Winter	1
27 May 12		Winter	2
3 Jun 12	Queen's Bday	Fun Day	
10 Jun 12		Winter	3
17 Jun 12		Winter	4
24 Jun 12		Winter	5
1 Jul 12		Aggregate 7	
8 Jul 12		Winter	6
15 Jul 12		Winter	7
22 Jul 12		Lay Day	
29 Jul 12		Spring	1
5 Aug 12		Aggregate 8	
12 Aug 12		Spring	2
19 Aug 12		Spring	3
26 Aug 12		Spring	4
2 Sep 12	Fathers Day	Fun Day	
9 Sep 12		Aggregate 9	
16 Sep 12		Spring	5
23 Sep 12		Spring	6
30 Sep 12		Spring	7
7 Oct 12		Lay Day	
14 Oct 12	Presidents	Regatta	
21 Oct 12	Labour Day	Fun Day	
28 Oct 12		Lay Day	
4 Nov 12		AGM	
11 Nov 12			
18 Nov 12			
25 Nov 12			
2 Dec 12			
9 Dec 12			
16 Dec 12			
23 Dec 12			
30 Dec 12	Christmas	break	

## Onepoto Domain Gates:



The gates at Onepoto, designed and constructed by Jamie Pickernell from Rotorua, feature raupo, pukeko, heron, weka, eel, frog and gecko reflecting the local wildlife. They are beautifully made and warrant a close look.



Carol Bergquist.

photos Carol Bergquist



7. How much room do you need Geoff?

## The Ten Commandments of Sailing:

1. Port keeps clear of starboard
2. Windward keeps clear of leeward
3. The boat astern keeps clear of the boat ahead
4. A boat tacking or gibing keeps clear of one that is not
5. Avoid collisions. Racing rules are defensive to prevent collisions, not offensive racing tactics
6. If you gain right of way or change course, give the other boat time to keep clear
7. The inside boat(s) at 4 boat lengths from the mark is entitled to room to round the mark
8. A boat that is backing up or not racing must keep clear
9. If you have violated a rule, take a 360 penalty
10. It is better to give way than to spend hours in the protest room (or get tangled)



The Port / Starboard rule also applies to boats on different legs. In this case John (11) going upwind on port should have kept clear of Geoff (40) going downwind on starboard.

However, tangling didn't help either win the race.

## North Sails Wind Warrior Regatta 2011



18 boats turned at the Viaduct for the North Sail Wind Warrior Regatta. Several seemed to be out of the water most of the time, either not working or in need of repair. The breeze was a fairly constant five to ten knots from the south. The course was a simple windward leeward course with port roundings and with the start roughly in the middle. The racing was spirited but friendly with no penalties, with lots of contact at the marks although with no catchy bits on the boats there seemed to be no catching of boats together.



The countdown, with most boats over the line was called by Grant McKinnon 'Grunta' the designer and builder of the wind warriors who was also the eventual winner. There were several variations of the WW, the later ones were more competitive than the earlier ones., their rigs more aft which seemed to make them go faster and point higher.

After seven or eight races, racing was concluded and sailors retired to a local bar for an informal prizewinning. Daniel Bush came 2nd but with so much noise in the bar it was difficult to hear other place getters. All round a friendly afternoon had by all.



Kevin Webb. photos Kevin Webb.

## Things to avoid, #36 in the series:



*Avoid hanging on buoys, here Bruce is parked up while Allen, and several others, sail past.*

## Exclusive: Return of 'The Prisoner'.

Upwind has managed to obtain an exclusive clip from the new series of 'The Prisoner' being made at a secret location in Auckland. The original was shot in Portmerion in Wales and was shown in the late 1960s. A miniseries remake in America was produced in 2009.



The new series has a yachting theme. Here 'Number 6', played by Patrick McGoochan in the original, is attempting to escape in his own yacht and is being chased by 'Rover', the mysterious balloon-like devices that captures anyone who attempts to escape.



Apparently this series is being made as a crossover with a new series of 'Get Smart', as is the fashion of the day. 'Rover' is apparently being escorted by '99' in her own yacht in this scene where they recapture 'Number 6'.

## Bluebird BMS-L530MG 1/5 Scale Servo

The usual sail servos used on Seawinds are the Futaba S3801 and the Hi-Tech HS-765HB. The S3801 is no longer listed on their web site and it has been said to be discontinued. It is still available from some suppliers but is expensive. The HS-765HB sells for between \$70 to \$90. Both come with sail arms.

Previously I had described the GWServo S04 BBM, a chinese made servo available inexpensively from Jaycar. This has no sail arm, though it can be easily made, and may be difficult to waterproof as the casing joints are rather wide.

On the HobbyKing website they have several "1/5 Scale" servos which have specs equivalent to the S3801. I bought a Bluebird BMS-L530MG which worked out with its share of the freight to \$35.



Bluebird BMS-L530MG

The case and mounting are mostly the same size but the width is a mm more which would require easing the sides in the servo tray. A Futaba sail arm will fit but the output shaft is slightly smaller giving some slop. Making an arm onto the supplied cross bars would not be a problem.

The swing angle and resulting linear sheet travel are important, so I measured this using the servo tester to get consistent signal inputs:

Servo	deg	mm
Hi-Tech HS-765HB	120	193
Hi-Tech HS-715BB	100	170
Futaba S3801	118	187
GWServo S04 BBM	112	180
Bluebird BMS-L530MG	100	160

The price is right but the travel is rather short. It also draws a lot of current and did not work with 4 half-charged spare batteries but was fine with 5 cells.

Conclusion: stick with the Hi-Tech HS-765HB or the Futaba S3801 if you can find one.

## Bit(e) about Eels



There are 2 native species of eel – the longfin eel which is found only in NZ and the shortfin eel which is found throughout the South Pacific. The longfin eel is the larger and longer-lived. Some have been estimated to be as much as 60 years old, weighing in at 40kg. Eels feed mostly at night using their powerful sense of smell to

track prey, which are insect larvae, worms, water snails, fish, frogs and ducklings. One 9kg longfin eel was reported to have eaten an entire shoveller duck.

Eels live out their life in freshwater streams, lakes and wetlands but at maturity, stop feeding and migrate downstream to the sea to breed once only and then die. Longfins migrate to the tropical Pacific to spawn – possibly east of Tonga and shortfins migrate to the Coral Sea and east of New Caledonia. The spawn hatches into larval eels that drift their way back to NZ via ocean currents. On reaching land they transform to slender, transparent 'glass eels' moving into estuaries and river mouths. They then become grey-brown free-swimming and feeding elvers moving inland up rivers and streams. Shortfins reach maturity on average after 14 years for males and 22 years for females, and longfins after 23 years for males and 34 years for females.

Eels have commercial fishery value, and longfins are considered at-risk because commercial fishing seems to have removed the larger specimens (usually females) from the population. The Mahurangi Technical Institute in Warkworth is currently perfecting their aquaculture breeding technique for shortfin eels, producing ova and hatching them in commercial quantities for eel farmers to take them from the glass eel stage.



Carol Bergquist

# NEW ZEALAND RADIO YACHT SQUADRON

**48A Corunna Road,  
Milford 0620  
AUCKLAND, NEW ZEALAND  
TEL: 09 410 4148**

President Richard Plinston  
Secretary Peter Andrews  
Treasurer Julie Adamson  
Sailing Committee Geoff McGill  
Kevin Webb  
Bruce Watson  
Terry O'Neil  
Allen Reynolds

The opinions expressed in this newsletter are those of contributors but not necessarily those of the New Zealand Radio Yacht Squadron. All correspondence to New Zealand Radio Yacht Squadron other than for the newsletter should be addressed to The Secretary.

## MEMBERSHIP & MEMBERS AMENDMENT APPLICATION

### Members – please complete if you or your boat details have changed

Name:.....  
Postal Address:.....  
.....  
.....  
Contact Phone No.....  
.....Home  
.....Bus.  
.....Email

Name of Yacht: .....  
Make/Model: .....

Radio Frequency\*: .....

Sail No\* .....

**\* Please check radio frequency with NZRYS register before buying a boat with shop supplied radio crystals**

I wish to apply for membership @ \$30.00 per annum.  
(\$20.00 if under 21) until April, thereafter reduced rates.  
\$10.00 extra for each additional radio frequency. (Max' 1 additional frequency)  
\$1.00 per official race weekend – payable at the pond.

I understand that the above details are to be available for the Committee and hereby agree to abide by the rules of the New Zealand Radio Yacht Squadron N.Z.R.Y.S.

Signed by  
Applicant.....

on this .....day of .....201...

Please post to:  
The Secretary  
New Zealand Radio Yacht Squadron  
48A Corunna Road,  
Milford 0620

Note: Membership expires 30th September each year.

## Member's Frequencies

Non-finacial members may have their frequency reassigned to a new member.

27 MHz	
26.975	Geoff McGill
26.995	Kevin Whitehead
27.020	Richard Plinston
27.045	Neil Purcell
27.070	
27.095	John Macaulay
27.125	
27.145	Daniel Bush
27.170	Peter Vernon
27.195	Paul Taylor
27.220	Patrick O'Hanlon
27.245	
27.255	
27.280	
29 MHz	
29.725	
29.745	Jim Clark
29.765	Tom Clark
29.775	Kevin Webb
29.785	John Dowler
29.825	
29.845	Allen Reynolds
29.865	Peter Andrews
29.885	John Chittenden
29.905	
29.925	Simon Adamson
29.945	
29.955	
29.965	Peter/Tanya Buxton
29.985	
40 MHz	
40.530	Harry Bowles
40.790	Club Boat
40.810	
40.830	Neil Cullen
40.850	Ivan Fraser
40.870	Bruce Watson
40.890	Bruce Watson
Other	
72.350	Geoff Atkinson
2.4 GHz	Richard Plinston
2.4 GHz	Ian/Carol Berquist
2.4 GHz	Harry Bowles
2.4 GHz	John Perkin
2.4 GHz	Gary Irwin
2.4 GHz	Terry O'Neill

If you are not in this table then you were not financial in 2011 and your frequency may be reassigned to a new member.

Systems using 2.4GHz do automatic channel searching and do not clash with each other.