



'UPWIND'

October 2019

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



2019 ANNUAL GENERAL MEETING AND PRIZE GIVING

Date: Sunday 3rd November 2019

Time: 3:00pm

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 2020 season
committee. All positions available

For catering purposes, please RSVP to
Mike Renner by October 23rd
P O Box 65-389, Mairangi Bay, Auckland.
Phone: 021 901 765
Email: Mike@merel.co.nz

This year's annual meeting, AGM and prize giving will be held on Sunday 3rd November in the AAFL club rooms by the side of the Onepoto Domain pond.

The meeting commences at 3:00pm.

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 2020 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.

Commodore
President
Secretary
Treasurer
Newsletter Editor
Minimum 3 Sailing Committee

The committee meets infrequently and it is not too onerous to organise each week's sailing.

We also want suggestions and proposals for the events in the new year.

Please give your support to the club and attend the annual meeting – let Mike know by October 23rd if you will be attending and whether or not you will be bringing a partner or other visitor.



Tip # 492 How do I find out where the water is coming into my boat ?

This is often asked and the solution is fairly simple. Firstly mix a trigger spray bottle with about 10% dish washing liquid and 90% water. Put your boat in sailing mode with hatches secured and place some blue tack over your decks mainsheet exit hole to temporarily seal it up. Spray the soapy solution over the hatches, and every place there is a screw going through the deck. Blow very gently into the boats drain hole at the back left corner of the boat and watch the deck rise a little out of the corner of your eye, if you aren't careful with the pressure it could damage the boat, you only need enough to start making bubbles. Bubbles will form as the hull pressure increases showing you all the weak spots that are not quite sealed.

If there are "none" try spraying around the keel top and rudder stock. Air leaks are far easier to find and trace than sitting your boat in the bath tub and once the leaks are sealed with closed cell foam, super glue, or a replacement o-ring you should have no water at all in your seawind resulting in some very happy electronics, you are aiming for zero bubbles of any sort, large, small or in between.

p.s. A smear of silicone grease around the hatch o-ring is a good idea too, other types of grease might swell the o-ring unless it is a nitrile type. Happy Sailing.

Wayne Carkeek

Life of the Pond - Giant Canada Goose



These birds were introduced into New Zealand in 1905 and 1920. About 60,000 birds are mostly found in the South Island with others in Hawkes Bay and Waikato. There are not many around Auckland. This one visited the pond in January.

The birds are considered a nuisance by farmers and are unprotected. They may be hunted or culled at any time of the year.

From the President

Onepoto Management Plan.

The Auckland Council, or in particular the Kaipatiki Board which is one that is responsible for the Onepoto Domain, is creating or reviewing the management plans for the parks, reserves and open spaces. Fortunately, Onepoto does have a Management Plan and this includes a specific section covering the use of the lagoon for radio control sailing.

The document refers to our club by its original name of the 'Whitbread Go Remote Yacht Club', where 'Go' is a mistyping of '60'. This establishes our position as users of the pond.

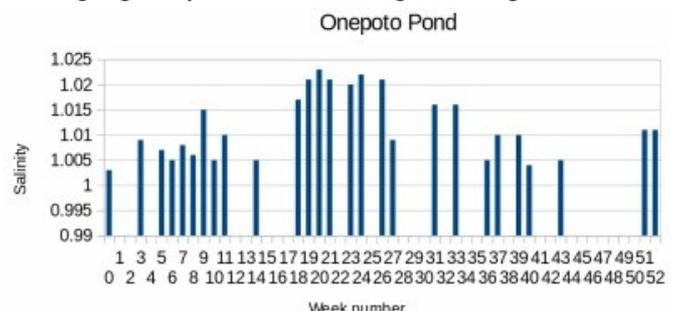
The plan sets out the needs for the continued use of the ponds, including that they be kept free of weeds, be at least 300mm deep, have a free flow of air with no large trees or buildings near the pond and that a footpath continue around the pond.

Submissions were requested by the board and Carol Bergquist wrote on our behalf that the existing conditions should be retained in any new or updated replacement plan. Judy Salthouse also submitted a similar request on behalf of the Electron Owners.

Salinity of the Pond

The pond lies below high tide height at 2.2 metres relative to tidal base while the high tide may go up to 3.7 or more. Flap valves control the inflow but some salt water always leaks in for several hours each tide. This changes the water to ensure that it doesn't stagnate. A chain is used between the valve and its seat to control the rate of the leak so as to not overflow the paths too often. The result is equivalent to the water being changed each week.

in times of heavy rain, the salt in the pond is flushed out and is quite fresh. In dry spells the salt level can be 2/3rd that of sea water. This changing helps in controlling weed growth.



Week zero was the end of October 2018.

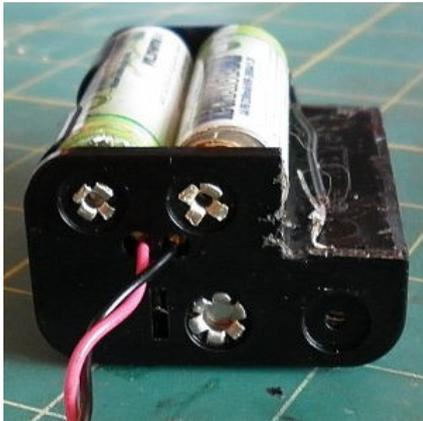
Richard Plinston, President NZRYS

Five Cell Battery Pack

Battery packs for AA batteries usually hold four or six while an optimum number for rechargeable 1.2volt NiMH cells is five to get 6 volts.



Prebuilt five cell packs are available using short cells so that it will fit in the Seawind holder. These are relatively expensive and would be hard to fix if a cell failed.



A six cell pack can be made into a five cell pack. One corner is cut off and a wire is soldered between the terminals that were removed.

This will fit into the battery holder, and give sailarm clearance, with the two cell side into to the holder and the fifth cell overhung away from the centre line.



This example is rolled in a zip bag. The rubber band holds the bag into the

recess.

It is important to choose the correct corner to remove so that the wire leads from the aft end.



From 2006: John Dowler leads David Harley, Geoff McGill and Bruce Watson round the leeward mark. Note the vegetation in the background.

Looking inside the boat



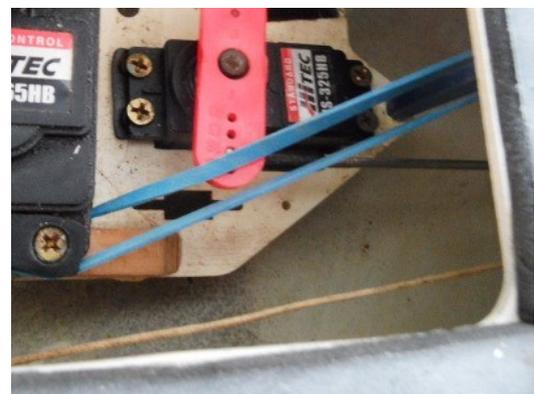
A USB endoscope camera is quite inexpensive and can be attached to a mobile phone or tablet and used to peer inside confined spaces.



Recently, while leading in a race, the main-sheet caught on the rudder servo crossbar on my boat, which then prevented the sails from being let out on the downwind and the race was lost.

The endoscope showed that the sheet was around the rod and

this held the sheet closer to the crossbar.



Just to be sure I have not only untwisted the sheet but also have added a rubber band from the sail servo to the read tray support.

Note also that the rudder operating rod is on the underside of the crossbar and this should have prevented the sheet catching on the fitting.



Racing Program

The club sails four seasonal race series, Summer, Autumn, Winter and Spring, each year plus the Aggregate Match Racing series and two Regattas. 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. This consists of two scratch races, where the fleet all start at the same time and three handicap races where each member has a performance handicap between zero and 70 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, 40 and 70 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 or abandoned day.

Handicaps:

Individual performance handicaps are recalculated each competition day based on the results of the two scratch races. 'A' division members can only have handicaps in the range 0-30 seconds while 'B' division can be 0-50 seconds and 'C' division 0-70 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.

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:

Two Regattas have been organised for the year, the first on Auckland Anniversary Weekend. A second, for the President's Cup, will be held in early October.

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 adjustments may be made to the order or the split by the racing committee.



Race Results 2019

Summer Series

1 st	George Stead	47
2 nd	Reuben Muir	56
3 rd	Bruce Watson	62

Autumn Series

1 st	Reuben Muir	40
2 nd	Bruce Watson	63
3 rd	Richard Plinston	66

Winter Series

1 st	Reuben Muir	32
2 nd =	Wayne Carkeek	58
2 nd =	Kevin Webb	58

Spring Series

1 st	Bruce Watson	43
2 nd	Reuben Muir	47
3 rd	Neil Purcell	65

Divisional Part 1

A	Kevin Webb	22
B	Tom Clark	19
C	Mike Renner	22

Divisional Part 2

A	Reuben Muir	22
B	Wayne Carkeek	22
C	Mike Renner	23

Aggregate Match Race Series

1 st	Bruce Watson	45 + 1
2 nd	Richard Plinston	45 + 0
3 rd	Terry O'Neill	40

Challenger Trophy

Bruce Watson

Match Race Cup 2018

Richard Plinston

Match Race Cup 2019

TBA

Match Race McCaw Cup

Mike Renner

Match Race Fraser Cup

Tom Clark

Anniversary Weekend Regatta 2019

1 st	Bruce Watson	8
2 nd	George Stead	12
3 rd	Kevin Webb	13+1

President's Cup Regatta 2018

1 st	Bruce Watson	7
2 nd	Terry O'Neill	11+1
3 rd	Tom Clark	11+2

Proposed 2020 Schedule

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

Seawind Hatches

The standard hatch for the Seawind has a problem in that it is too flexible to effectively seal the hatchway. The foam sealing is also open-cell and porous. This combination means that it tends to leak.

One solution is to epoxy glue a stiffening plate to the underside of the hatch. This can be aluminium or acrylic sheet and should be shaped to fit around the clips and lock and to be inside the rubber sealing strips.



This example has perspex reinforcing cut to fit inside the replacement closed-cell rubber strips.

Alternately, the hatch can be completely replaced using moulded fibreglass or perspex sheet. This requires that an alternate fixing be devised.



This hatch was made from a broken headlight cover reinforced by a couple of teak strips. Wood blocks were glued under the side decks and teak turning toggles were screwed down. Sheet foam gaskets make this watertight.



An alternative is to use a bar that turns under the side decks to hold the hatch in place. In this example self-adhesive rubber strips have been attached to the hatch coaming to form a gutter around the strips. The bar is perspex with a captive nut inserted into it. The screw has now been replaced by a stainless steel bolt. A limit stop is glued under the starboard side deck so that the bar only turns to the athwartship position when the bolt is tightened.

It is important that the bar does not interfere with the sail servo arm so the ends of the bar were notched on the upper face to increase clearance.



This perspex hatch is held by nuts onto small bolts fixed to the hatchway rim.



A fibreglass mould is available for members to make their own fibreglass hatch. It produces a tight fitting flush hatch. Sidedeck toggles, or small bolts as above, would be used to hold it in place.

Self-adhesive closed cell foam rubber is available in a variety of sizes from Para Rubber or others. This can be fixed to the hatch itself or to the hatch opening either on top of the coaming or, for non-standard hatches, outside the coaming. As this can be quite firm it is important to get the correct size for the thickness of hatch material used to give firm, but not excessive, pressure when sidedeck toggles are used.

House door and window draft sealing strip can also be used. These can be quite soft.

NEW ZEALAND RADIO YACHT SQUADRON

P O Box 65-389, Mairangi Bay, Auckland

Mobile: 021 901 765

Email: Mike@merel.co.nz

Commodore	Kevin Webb
President	Richard Plinston
Secretary/Treasurer	Mike Renner
Sailing Committee	Reuben Muir
	Tom Clark
	Neil Purcell
	George Stead
	Laurie Glover

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 @ \$25.00 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 thisday of201...

Please post to:
 The Secretary
 New Zealand Radio Yacht Squadron
 P O Box 65-389,
 Mairangi Bay, Auckland

Member's Frequencies

		27 MHz
26.995	48	Steve Streater
27.020	01	Richard Plinston
27.045	6	Neil Purcell
27.145	4	Andy Spierer
27.245	96	Club boat
		29 MHz
29.885	37	Foster Watkinson
29.925	92	Simon Adamson
29.745	24	John Hinton
29.765	2	Tom Clark
29.775	30	Kevin Webb
29.785	11	Club boat ex Dowler
29.825	68	Gary McKenzie
29.905	6	Neil Purcell
29.985	45	Steven Sharp
		40 Mhz 72 MHz
40.790		Club Boat
40.870		Bruce Watson
40.890	33	Bruce Watson
72.350		Toot Tug
		2.4GHz
2.4 Ghz	1	Richard Plinston
2.4 Ghz	3	Wayne Carkeek
2.4 GHz	5	John Macaulay
2.4 Ghz	8	Roger Chisnall
2.4 Ghz	9	Mike McCaw
2.4 Ghz	11	Russell Green
2.4 Ghz	12	Terry O'Neill
2.4 Ghz	14	Dan Leahy
2.4 GHz	15	Laurie Glover
2.4 GHz	18	Peter Rickerby
2.4 Ghz	21	Peter Andrews
2.4 GHz	33	Bruce Watson
2.4 GHz	24/40	Geoff Atkinson
2.4 GHz	35	Bruce Bower
2.4 GHz	46	David Campbell-Morrison
2.4 GHz	47	Roger Hawkins
2.4 GHz	51	Patrick O'Hanlon
2.4 Ghz	55	Ian Bergquist
2.4 GHz	64	Garry Irwin
2.4 GHz	66	Brian Stiff
2.4 Ghz	70	Alan Smith
2.4 Ghz	75	Phillip Brain
2,4 Ghz	84	Ivan Fraser
2.4 Ghz	85/185	Mike Renner
2.4 Ghz	86	Pat Vyas
2.4 Ghz	92 196	Reuben Muir
2.4 GHz	94	George Stead
2.4 Ghz	99	Lloyd Beehre
2.4 Ghz	101	Richard Plinston
2.4 Ghz	104	Ian Power
2.4 Ghz	234	Rick Royden
2.4 GHz	270	John Hotham
2.4 Ghz	478	Daniel Bush

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

Note: Membership expires 30th September each year.