



1947 - 2022

ZL1AM

QTC

Newsletter of the Whangarei Amateur Radio Club Inc.

For Club Members

Heritage Park. Whangarei

HONORARY LIFE MEMBERS

Neil Shephard ZL1KH (SK) Bill Adams ZL1AHV (SK) Jim Oliver ZL1BIA (SK)
Neville Barnaby ZL1BWO (SK) Spencer McNae ZL1WF (SK) George Midwinter ZL1AYE (SK)
Bruce Rowlings ZL1WB (SK) Hugh Deverell ZL1BHS Don Ewen ZL1DTE
Charlie Moates ZL1DAC (SK)

Welcome All to another Newsletter. This time around :-

Future Meetings:-

December 6th Annual General Meeting

PRS Repeater Update. Peter ZL1TX

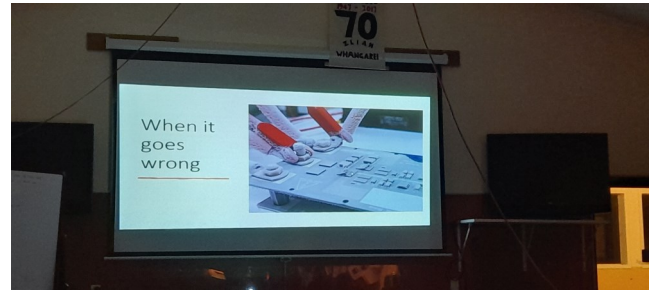


Peter. ZL1TX, gave us an update on the PRS UHF Repeater project he was building. Showing the TX/RX module and the duplex filters.



The PRS Repeater is now operational on UHF Channel 4. The above shows the pair of twin fed dipoles. The uppermost are the receive and lower are the transmit antennas. Photo courtesy of Paul. ZL1XUT.

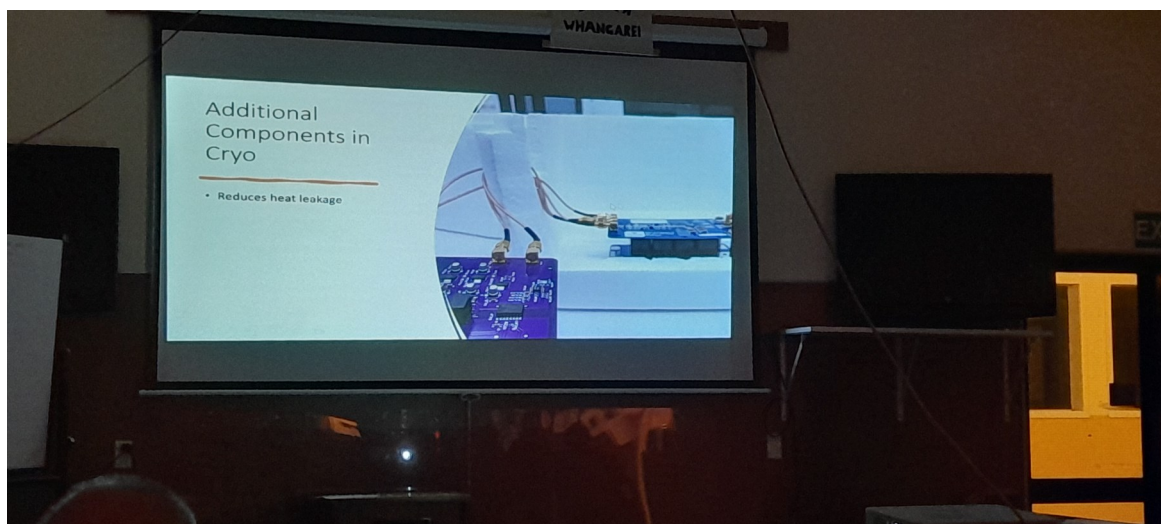
August Club Talk. Matthew Pearce. ZL1MAT



Mat came along to update us all on his exploits working in America on “Magntism” projects.



We hope to see him again next year at the Jock White Contest.



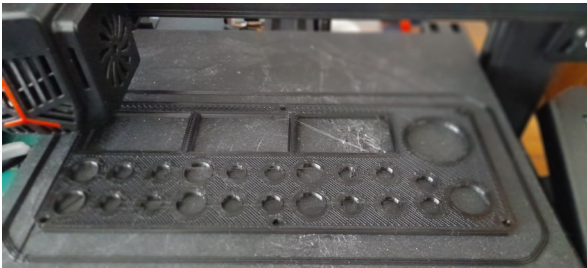
3d Printing. Ian ZL1MVL

I came across this DIY Lab Power Supply for 3d printing, using an ATX Computer Power Supply.



I've made a start, printing front, rear panels and 3 side grills. These are printed in PLA, there are 2 Rubberised front and rear "gaskets" made from TPU filament.

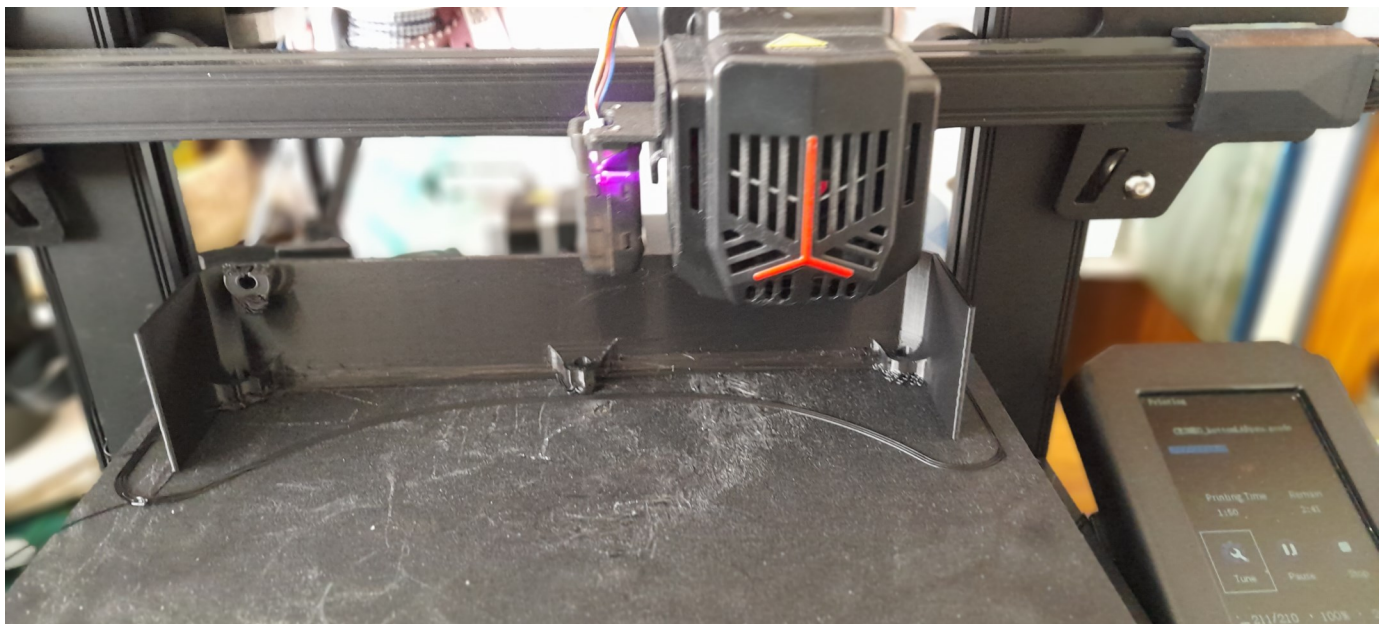
Steadily sourcing the parts needed. Managed to buy some new 12v 40mm cooling fans from Trade me recently



Front Panel



Side air vent grill



Top Cover

Heritage Park “Live Day”. September 17th 2023



International Lighthouse Lightship Weekend 2023. Tasmania Trip. VK7/GW0VML.

This year's ILLW was a well earned escape.

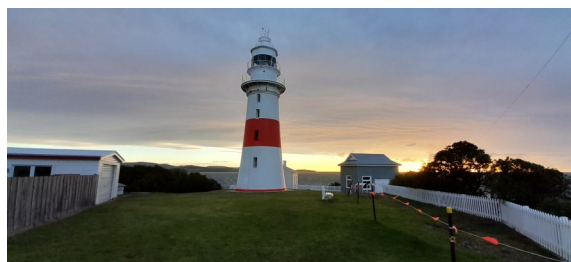
Been a few years being unable to participate in this event, mainly due to covid19.

Decision made, Tasmania, VK7 land, and then the problem started. Jayne logged in to online check-in. Screen said flight cancelled., but return flight was still on. What the @##\$%^ how does that help us ?? We needed to fly out there 1st.

A few phone calls later secured a flight from Auckland to Melbourne, 5hr wait around Melbourne then fly to Hobart. So we end up losing half a days holiday.

Hobart is a great place to wonder around on our 1st day there. Visit to the Maritime Museum.

2nd day northward bound for 3 days staying at Low Head Pilot Station, a kilometre from Low Head Lighthouse, where VK7LH was active from.



Low Head Lighthouse.

A quick introduction to the team of VK7s and VK2s, a quick reminder for them to please avoid 20mts as that's where I was operating.

Using an Icom ic7300 on cars dashboard. 20m inverted V dipole on a 5.4m 9 section fiberglass pole, power from car battery



Setup was in carpark below the lighthouse.

Conditions on 20mtrs was poor during the morning come mid afternoon / early evening the band opened into Europe.

Only issue I had, the logging software I loaded on to notebook PC wasn't compatible with windows 11. So back to old school with pen and paper. Watch used to record times. It worked.... except for my bad handwriting, took ages to decipher callsigns later when entered into logging program.

A few other problems arose. Not of my doings.

Many forgetting the basics of Radio Operations, using writing materials. Not listening to what's going on..

So, the simple operating system I was using.

CQ as VK7LH. qso made. Explained I'm guest operator and kindly asked for 2nd report under callsign **VK7/GW0VML** so space of a minute 2 legit qsos, 2 callsigns used, 2 qsos logged and 2 potential qsl cards in near future. Simple yes??

Reality. NO. So with not listening to what's happening, resulting In.... Being asked TOOOOO Many Times..

You are 5/9... ***What's your callsign?***

Making contact with VK7LH then ignoring my 2nd callsign. Well you lost out there then.

Asking for Lighthouse reference numbers.

These reference numbers were created for the reason, if band Conditions were bad and you cannot get the name of the Lighthouse, the ref no was given to aid identify the Lighthouse. Some rake it as a necessity for the "Competition". Competition? Yes right. No start or finish or no winner so how is that classed as a Competition? It's an Activity.

These break the flow of operating. Should be straight in , pass over details. Confirm qso then straight out.

After the 1st days Activity, I managed to reload the notebook PC with correct files and managed to get logging program to work. This helped with some FT8 data mode contacts using VK7/GW0VML during the evening. Logging done by PC, timing also with aid of GPS usb module "sinking" pcs clock.

137 SSB qsos 47 FT8 qsos made.

The following day we ventured down the road to activate a late 1800s stone built Lighthouse .Officially known as Tamar River Front or She Oak front range light. Band Conditions again were reasonably poor, but got a few more logged mainly VK with a few in ZL.



She-Oak Lighthouse.

21 ssb qsos made

So that was 3 lighthouses, down. This year's event done and dusted, Monday morning pack the car and off to next location.

Mersey Bluff Lighthouse. 21st August.



As we say , By 'Eck it was a cold the following day at Mersey Bluff lighthouse.

77 ssb qsos made.



Rocky Cape Lighthouse. 22nd August.

Back to T-shirt and no Coat.

8 ssb qsos made.



Table Cape Lighthouse . 22nd August

54 qsos made.



NZ Straight Key Night

New Zealand Straight Key Night (Summer Edition) will be held on Sunday 3 Dec from 9pm to 10pm NZT on 80 metres.

SKN honours the original amateur radio mode in an easy-going style. Operators send signal report, name, location, type of key, type of transmitter and power output. Stations are limited to 100W output power.

SKN is not a contest - but the operator who gets the most votes for the quality of their sending will win the Bruce Scahill Best Fist Award.

This certificate honours Bruce ZL1BWG (SK), who was a dedicated supporter of SKN.

SKN uses the QSY Rule. Any station that calls CQ must QSY after making a contact. This will keep everyone on their toes!

Full details about SKN are available at <https://zl1.nz/skn> or you can email neil@zl1.nz or call ZL1NZ during or after the NZ Net (Mon-Fri at 9pm on 3535 kHz).

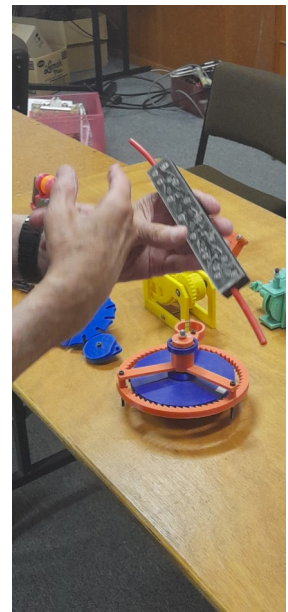
SKN is open to all straight key operators, regardless of skill level or speed.

Neil ZL1NZ, SKN Manager

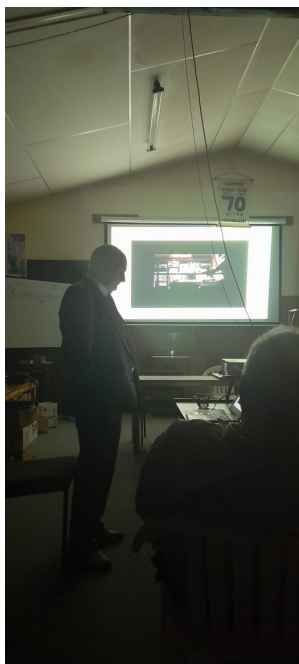


Octobers Club Talk. David Quirey

David gave a talk on his experiences as an Inventor and an avid 3D Printer user..

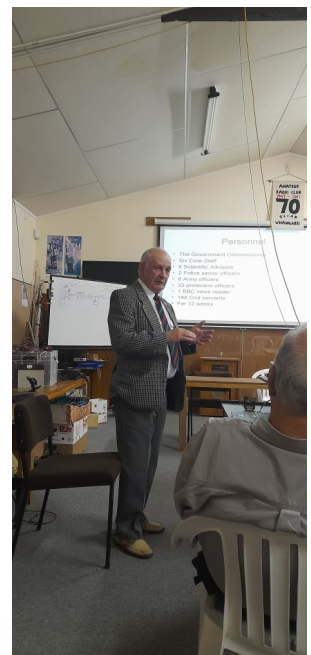


Novembers Club Talk. Joe Bell. ZL1PMY / G4PMY



Novembers Club Talk welcomed, after a few postponed plans to visit a talk by Joe, ZL1PMY due to moving from Waiheke island back to the mainland.

Joe gave a history of the Hack Green “Secret Nuclear Bunker” located near Nantwich in the county of Cheshire in the UK.



NOTICE OF ANNUAL GENERAL MEETING

THE ANNUAL GENERAL MEETING OF THE WHANGAREI AMATEUR RADIO CLUB INCORPORATED WILL BE HELD AT THE CLUBROOMS, HERITAGE PARK MAUNU, ON WEDNESDAY THE 6th DECEMBER 2023 IMMEDIATELY FOLLOWING THE CLUB MEETING WHICH WILL COMMENCE AT 1930HRS (7.30 pm) NZDT.

AGENDA.

APOLOGIES

SILENT KEYS

MINUTES OF THE 2022 AGM

MATTERS ARISING FROM THE MINUTES

PRESIDENT'S REPORT

FINANCIAL REPORT AND PRESENTATION OF THE ACCOUNTS

OTHER REPORTS

ELECTION OF PRESIDENT

ELECTION OF COMMITTEE

AREC APPOINTMENTS (IF ANY)

NOTICES OF MOTION (IF ANY)

SETTING OF THE "SET SUM".

SETTING OF SUBSCRIPTIONS.

APPOINTMENT OF SIGNATORIES.

APPOINTMENT OF FINANCIAL REVIEWER

APPOINTMENT OF REPEATER TRUSTEES

PRESENTATION OF AWARDS (IF ANY)

SUCH OTHER BUSINESS (not including any Notice of Motions which must have been presented to the committee prior to this notice) AS MAY BE ADMITTED BY THE CHAIR PRIOR TO AGM.

SUPPER

The following officers will retire by rotation.

President (1 year term)

Ian Wright ZL1MVL

Secretary: Allan Walker ZL1AW

Treasurer (2 year term) Bob Somerville Ryan ZL1VJ has retired so this position is vacant

Committee (2 year term)

Peter Aikin ZL1TX

Rey Machado ZL1REY

Rose Deverell ZL1WRD

The following serve another year and do NOT require re-election.

Vice President (2 year term)

Paul Slako ZL1PC

Committee (2year term)

Bruce Haswell ZL1YC

Jeff Crawford ZL1TOB

The Committee comprises of the Officers and not less than three or more than six Committee members.

ALL COMMITTEE MEMBERS MUST BE FINANCIAL MEMBERS OF NZART INC

WHANGAREI AMATEUR RADIO CLUB INC.

1 CHARLES STREET KAMO 0122

MINUTES OF THE ANNUAL GENERAL MEETING HELD AT THE CLUBROOMS HERITAGE PARK ON THE 7TH DECEMBER 2022 AT 2000 HRS.

PRESENT Ian Wright ZL1MVL (Chair) and 15 members

APOLOGIES Same as for general meeting i.e. Trevor Gould ZL1KAG, Don Ewen ZL1DTE, Jeff Crawford ZL1TOB

SILENT KEYS. The meeting stood in respect of Silent Keys in 2022

Margaret Mulhare, Barbara Pattison ZL1DOT, Howard Harris ZL1UEV, Jim Morgan ZL1AJM, Doug Birt ZL1BFS

MINUTES. The minutes of the Annual General Meeting held on the 1st December 2021 were read.

Moved that the minutes of the 2021 Annual General Meeting be confirmed as a true and correct record.

Allan Walker ZL1AW/Bruce Pattison ZL1ANT Carried

MATTERS ARISING FROM THE MINUTES. Nil

FINANCIAL COMMENT written by the Treasurer Bob Somerville-Ryan ZL1VJ was tabled. He is no longer able to drive and would like to be replaced as Treasurer but will stay on until a replacement is found. He noted that our financial position had improved slightly due to fund raising, used equipment sales and creditors not increasing costs. The subscription can stay the same for 2022. Thanks to our Account Reviewer Brian Winger ZL1 BSW. The Annual Accounts as published by email have been reviewed by Brian Winger ZL1BSW and found correct.

Moved that the Annual Accounts as published be approved and that the appropriate report be forwarded to the Registrar of Companies.

Bob Somerville-Ryan ZL1VJ/Paul Slako ZL1PC Carried

REPORTS

Verbal reports were presented to the meeting:

President: Ian Wright ZL1MVL A long term project is needed to generate more members. Suggestions welcome.

CW improvers net: Paul Slako ZL1PC. A slower net operates on Monday. Nets are supported by 5/6 people weekly. Members have performed well in Jock White Contest. Br 28 placed first in club section of Sangster Shield and ZL1PC Its in the individual section.

VHF net: Allan Walker ZL1AW. Average check in 5. Thanks to Bruce Haswell ZL1YC for filling in as net controller.

HF net: Bruce Pattison ZL1ANT. Average check in 5. Thanks to those who have been net controllers.

Repeaters: Peter Aikin ZL1TX. A fault in the National System means that there is no two way traffic South of Auckland. All repeaters are working well. The data repeater 145425 now accepts digital modes. A new repeater will replace that on WR 146650.

Motion. "That all reports be accepted." Brian Winger ZL1BSW/Robin Greenfield ZL1TMG Carried

ELECTION OF OFFICERS.

Nominations for vacant positions were called for from the floor

President: Ian Wright ZL1MVL moved Brian Winger ZL1BSW seconded Bruce Pattison ZL1ANT Carried

Vice President: Paul Slako ZL1PC moved Brian Winger ZL1BSW seconded Ian Wright ZL1MVL Carried

Committee: Jeff Crawford ZL1TOB and Bruce Haswell ZL1YC Moved Brian Winger ZL1BSW seconded Bruce Pattison ZL1ANT Carried

Officers staying on and not needing re-election:

Secretary: Allan Walker ZL1AW

Acting Treasurer: Bob Somerville-Ryan ZL1VJ

Committee: Rose Deverell ZL1WRD Rey Machado ZL1REY Peter Aikin ZL1TX

QTC Editor: Ian Wright ZL1MVL

Reviewer: Brian Winger ZL1BSW

SET SUM: In line with a Treasurer recommendation a motion was put that the set sum remain at \$1500

Robin Greenfield ZL1TMG/Rey Machado ZL1REY Carried

SUBSCRIPTIONS:

Moved that the subscriptions for 2023 remain the same

Brian Winger ZL1BSW/Bruce Pattison ZL1ANT Carried

Subscription Schedule:

Full: \$60

Junior: (18 years and under) \$30

Family (one address): \$60

Second club rate: 50% of full membership. To qualify for this the member must be a member of another club for NZART voting purposes and must reside outside the Whangarei and Kaipara District Council Areas.

SIGNATORIES.

Current signatories are Bruce Pattison ZL1ANT, Allan Walker ZL1AW and Bob Somerville-Ryan ZL1VJ

The new Committee will decide if any changes are needed.

EXAM SUPERVISORS: Bruce Pattison ZL1ANT, Allan Walker ZL1AW, Robin Greenfield ZL1TMG,
Jeff Crawford ZL1TOB

APPOINTMENT OF REPEATER TRUSTEES:

The current repeater trustees are:

For 145.4250 Parahaki AX30211471 Peter Aikin ZL1TX Jeff Crawford ZL1TOB

For 145.6000 Pilbrow Hill AY30277076 Peter Aikin ZL1TX Don Ewen ZL1DTE

For 146.6500 Parakiore AX30160532 Peter Aikin ZL1TX Brian Winger ZL1BSW

For 434.9500 Pilbrow Hill AY30277076 Peter Aikin ZL1TX Don Ewen ZL1DTE

For 438.7000 Parahaki AX30211471 Peter Aikin ZL1TX Brian Winger ZL1BSW

For 439.9250 Parahaki AX30211471 Peter Aikin ZL1TX Brian Winger ZL1BSW

For 439.9500 Parahaki AX30211471 Peter Aikin ZL1TX Brian Winger ZL1BSW

Moved that the repeater trustees be reappointed

Brian Winger ZL1BSW/Bruce Pattison ZL1ANT/ Carried

AWARDS: Technical award nominated from the floor.

Three nominations: Peter Aikin ZL1TX and Jeff Crawford ZL1TOB for making data repeater digital capable

Bruce Haswell ZL1YC HF automatic antenna tuner

Rey Machado ZL1REY qrp transceiver and magnetic loop antenna

The meeting decide to make them joint winners.

CW Improvers award nominated by Paul Slako ZL1PC goes to Bruce Haswell ZL1YC

Applause followed.

There was no other business and meeting closed at 08:40 Supper followed.

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Till Next Time,
And PLEASE Help us out, a Newsletter is Not Possible without NEWS.

Ian ZL1MVL. Email gw0vml@gmail.com