



The Official Newsletter of the **PAPAKURA RADIO CLUB INC.**

May 2024



Turn your PC into a radio receiver



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This Month's Meeting:

This month's general meeting will be normal business, followed by a short branch 65 AGM to appoint the officers and the representative for the conference. There are 2 minor remits to consider, hopefully you have read these in you copy of break in..

Our guest speaker is Carl Laufer speaking on: The world of low cost software defined radio

Carl is best known for his RTL-SDR modules, which can be used as radio receivers, and even for radio astronomy, but also has another website <https://www.krakenrf.com> which details an interesting direction finding device made for mobile or portable use.

His topic will be about an introduction to low-cost RTL-SDR software-defined radio and its applications. The focus of the talk will be on applications of the RTL-SDR and radio hobby topics outside of the traditional ham radio fields. The KrakenSDR coherent radio direction-finding system and Discovery Dish products will also be discussed.

Carl is well worth taking the time out of your busy schedules to hear, so we hope for a really good attendance at the meeting.

Hope to see you there.

If transport is a problem, let the committee members know, and we may be able to assist with arranging a ride for you.

Alternatively ask zl1nux@outlook.com for the teams link, and you can join us from home.

March Dates:

Wednesday 1st

Wednesday 8th

Wednesday 15th

Wednesday 22nd

Wednesday 29th

General Meeting – Br65 AGM & Remits, Carl Laufer

Activity Night

Committee Meeting

Project Night

AREC Training



DX CALENDAR MAY 2024

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ID1BMH																							VP9/AB2E						VP6DF		
OJ0T																						ET4GL									
A52P A52CI																															
3G0YA																															
ZC4RH																															
YI0CA																															
9X2AW																															
T5/IT9HRK																															
Z81D																															
FK/LZ1GC.FK/LZ5QZ																															
R11ANE																															
VK0DS																															

Click any link above for details on the expedition

Featured DX - FK/LZ1GC FK/LZ5QZ New Caledonia Island

FK/LZ1GC and FK/LZ5QZ will be active from New Caledonia Island,

IOTA OC - 032,

10 - 19 March 2024.

In the Pacific Ocean lies one of the most famous and picturesque French colonies, New Caledonia, spread over one large and several small islands. The possession is separated by small straits from the islands of the archipelago of Fiji, Vanuatu and Australia. The capital of the colonial province is the city of Noumea.

The official language of New Caledonia is French, although the local population prefers to communicate in Creole and Melanesian dialects, and due to the proximity of English-speaking Australia, Japanese and English are spoken everywhere.

The indigenous population of the islands is Melanesian or Kanak, but over the years of French patronage a strong European community has formed here, which in the local dialect is called Kaldoshi, "diluted" by representatives of the French army sent here for service.

The official state religion of New Caledonia is Catholic Christianity, although the natives continue to follow the faith practiced by their ancestors.



The geographical location of the islands determines their tropical climate with characteristic trade winds. The year is divided into three seasons:

- Summer - starts in November and ends in March;
- Winter - lasts from April to October;
- The rainy season is December through March.

The best time to travel to these places is during the high season, which lasts from September to the end of November and the beginning of December.



The main attraction of the island nation is the Barrier Reef and its surrounding bays, which are under the auspices of UNESCO. Stretching 1,500 km in length, the reef surrounds the main island and several small islets, forming lagoons with an amazing and sometimes unique ecosystem.

Yacht lovers should go on a trip from the capital to the island of Ile de Pin, with a mooring in Couto Bay. A canoe can successfully replace the yacht and take you around the southern tip of the main island.

Pin Island is ideal for hiking and biking, with a stop at the village of Wao. It is home to the famous statue of St. Maurice, after whom, incidentally, the adjacent bay is named.



UPCOMING CONTESTS

Start - Finish Date-Time Date-Time				Bands	Contest Name	Mode	Exchange	Sponsor's Website
1	1300	1	1900	3.5-28	AGCW QRP/QRP Party	CW	RST, serial, class (A/B)	www.agcw.de
1	1700	1	2100	144	VHF-UHF FT8 Activity Contest	FT8	4-char grid	www.ft8activity.eu
2	0000	3	0300	7	Walk for the Bacon QRP Contest	CW	RST, SPC, name, mbr or pwr; max 13 WPM	qrptest.com/pigwalk40
2	1800	2	2200	28	NRAU 10m Activity Contest	CW,Ph,Dig	RS(T), 6-char grid	nrau.net/nrau-contests-in-general
2	2000	2	2200	1.8-28,50	SKCC Sprint Europe	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
4	0001	5	2359	28	10-10 International Spring Contest, CW	CW	Name, mbr or "none," SPC	www.ten-ten.org
4	0300	4	0859	3.5-28	RCC Cup	CW,Ph	RS(T), mbr or ITU zone	rcccup.ru
4	0600	5	2359	2.3 GHz and up	SBMS 2.3 GHz and Up Contest and Club Challenge	CW,Ph,Dig	6-char grid	w6ife.com/Page/2GHzContest
4	1200	5	1159	3.5-28	ARI International DX Contest	CW,Ph,Dig	RS(T), 2-letter province or serial	www.ari.it
4	1200	5	1200	3.5-28,144	F9AA Cup, PSK	Dig	RST, serial	www.site.urc.asso.fr
4	1300	5	0700	1.8-28	7th Call Area QSO Party	CW,Ph,Dig	RS(T), 5-letter state/county code or SPC	7qp.org
4	1500	5	0300	1.8-28	Indiana QSO Party	CW,Ph	RS(T), IN county or SPC	www.hdxcc.org
4	1700	5	2359	1.8-28, VHF	Delaware QSO Party	CW,Ph,Dig	RS(T), DE county or SPC	www.fsarc.org
4	2000	5	2359	3.5-28	New England QSO Party	CW,Ph,Dig	RS(T), New England county/state or SPC	neqp.org/rules
4	2300	5	0300	1.8-28, VHF/UHF	MIE 33 Contest	CW,Ph	RS(T), age, "ME" or "MEJ" or none	www.ztv.ne.jp
5	1000	5	1400	7	WAB 7 MHz Phone	Ph	RS, serial, WAB square or SPC	wab.intermip.net
7	0100	7	0300	3.5-28	ARS Spartan Sprint	CW	RST, SPC, pwr	arsqrp.blogspot.com
8	1700	8	2100	432	VHF-UHF FT8 Activity Contest	FT8	4-char grid	www.ft8activity.eu/index.php/en
9	1400	9	2200	3.5,7	QRP Minimal Art Session	CW	RST, "I", class, number of components	qrpc.de
11	0000	11	2359	3.5-28	FISTS Saturday Sprint	CW	RST, first name, mbr or "0," SPC	fistsna.org
11	1200	12	1159	1.8-28	CQ-M International DX Contest	CW,Ph	RS(T), serial	cqm.srr.ru
11	1200	12	1200	3.5-28	VOLTA WW RTTY Contest	Dig	RST, serial, CQ zone	www.contestvolta.it
11	1200	12	2359	1.8-28,50	SKCC Weekend Sprintathon	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
11	1700	12	0300	7-28	Canadian Prairies QSO Party	CW,Ph	RS(T), VE4/5/6 district code or SPC	cpqp.ve6hams.ca
13	1900	13	2030	3.5	RSGB 80m Club Championship, SSB	Ph	RS, serial	www.rsgbcc.org
14	1900	14	2000	3.5	DARC FT4 Contest	FT4	RST, 4-char grid	www.darc.de
15	1700	15	2100	1.2G	VHF-UHF FT8 Activity Contest	FT8	4-char grid	www.ft8activity.eu/index.php/en
16	0000	17	0300	14	Walk for the Bacon QRP Contest	CW	RST, SPC, name, mbr or pwr; max 13 WPM	qrptest.com/pigwalk20
16	0030	16	0230	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or pwr	naqcc.info/sprint_rules.html
16	1900	16	2000	3.5-14	NTC QSO Party	CW	RST, mbr or "NM"; max 25 WPM	pi4ntc.nl/ntcqp
18	0600	18	2100	3.5-28	UN DX Contest	CW,Ph	RS(T), Kazakhstan district code or serial	undxc.kz/rules-eng
18	0800	19	1100	3.5	NZART Sangster Shield Contest	CW	RST, serial or branch number (if ZL)	www.nzart.org.nz
18	1200	19	1200	1.8-28	His Maj. King of Spain Contest, CW	CW	RST, EA province or serial	concursos.ure.es
18	1200	19	1200	3.5-28	EU PSK DX Contest	Dig	RST, EU area or serial	eupsk.club
18	1400	19	0200	1.8-144	Arkansas QSO Party	CW,Ph,Dig	RS(T), AR county or SPC	www.arkqp.com
18	1600	18	2000	28	Feld Hell Sprint	Dig	See rules	sites.google.com/site/feldhellclub
18	2100	19	0200	3.5	Baltic Contest	CW,Ph	RS(T), serial	www.lrsf.lt
19	0000	19	2359	3.5-28	FISTS Sunday Sprint	CW	RST, SPC, first name, mbr or "0"	fistsna.org
19	2300	20	0100	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or pwr	qrptest.com/pigrun
20	1900	20	2030	3.5-28	RSGB FT4 Contest	FT4	Signal report	www.rsgbcc.org
22	0000	22	0200	1.8-28,50	SKCC Sprint	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
22	1900	22	2030	3.5	RSGB 80m Club Championship, Data	Dig	RST, serial	www.rsgbcc.org
25	0000	26	2359	1.8-28	CQ WW WPX Contest, CW	CW	RST, serial	www.cqwpw.com
27	0000	27	0100	1.8-28	QRP ARCI Hootowl Sprint	CW	RST, SPC, mbr or pwr	qrparki.org
30	1900	30	2030	3.5	RSGB 80m Club Championship, CW	CW	RST, serial	www.rsgbcc.org
31	0000	2	2359	1.8-28,50	PODXS 070 Club Three Day Weekend Contest	Dig	mbr or "0000"	www.podxs070.com

Note: All dates and times are in UTC, Mbr = Membership number. Serial = Sequential number of the contact. SPC = State, Province, DXCC Entity. XE = Mexican state.

MFJ TO CEASE MANUFACTURING

I have for some time now been subscribed to the MFJ mailing list each week I have seen an email, Normall themed to music, or an event, so when I opened one on April 25th (Anzac Day) entitled – A heavy Sad Heart, I was wondering why an american newsletter may be relating to our small part of the world,

Sadly it had no relationship to our own consideration of the losses and prices paid so that we could live without oppression determining what we could and could not do, but rather an announcement that the site in Starkville, Mississippi would be closing, and MFJ along with the brands of Ameritron,, Hygain, Cushcraft, Mirage and Vecronics.

But let me simply let you ra=ead the news direct from Martin Jue K5FLU as sent out in his newsletter.

Dear Fellow Hams and Friends,

April 25, 2024

It is with a sad heart as I write this letter.

As many of you have heard by now, MFJ is ceasing its on-site production in Starkville, Mississippi on May 17, 2024. This is also the same for our sister companies' Ameritron, Hygain, Cushcraft, Mirage and Vecronics.

Times have changed since I started this business 52 years ago. Our product line grew and grew and prospered. Covid changed everything in businesses including ours. It was the hardest hit that we have ever had and we never fully recovered.

I turned 80 this year. I had never really considered retirement but life is so short and my time with my family is so precious.

I want to thank all of our employees who have helped build this company with me over the years. We have many employees who have made MFJ their career for 10, 20, 30, 40 and more years.

We are going to continue to sell MFJ products past May 17, 2024. We have a lot of stock on hand. We will continue to offer repair service work for out-of-warranty and in-warranty units for the foreseeable future.

Finally, a special thanks to all of our customers and our dealers who have made MFJ a worldwide name and a profitable business for so many years. You all are so much appreciated.

Sincerely Yours, 73s

Martin F. Jue, K5FLU

So while some stock on hand will still be available for sale, these will be and end of an era sale only and then some retained for warranty, after that the items will only be found at Junk sales.

While MFJ has a so-so reputation, it was a genuine HAM Radio gear supplier, not cheap Chinese radios for fun, or professional high-end items re-purposed for ham use. But sadly, the Ham community market is no longer big enough to continue to support the manufacturing industry.

With ICOM selling only 17% of its global manufacturing to the Ham Community, it's a reminder that if we don't support those who support our hobby, we will be either forced to return to making our own gear, or we must accept the low quality items we get from ali0express or E-bay

The loss will no doubt be short lived by the Ham Community, but the cost to many who worked in the manufacturing facility for many years will be hard felt.



For all their faults MFJ made all their service manuals and parts list available for users, and supported the idea that you could buy parts to fix things yourself, This loss will be felt by all of us.

Even if our club antenna tester is now more valuable as a piece of history .

May you enjoy your retirement and your family Martin, 73 from us all at Papakura Radio Club.

And thanks for the memory, and the tools you made for us over the years

A MORSE CODE ALTERNATIVE?

In the world of CW there is really has been only 1 major player, at least in the Ham Community. In the military there are many different computer based codes, but for CW operators, Morse is still the method of choice.

But there has been some discussion about the use of T-9 as a code. Never heard of it ... Well maybe you have

If you remember when cellphones were first able to send text messages,(2.5G) it was hard word, You had just a number keypad (unless you owned a blackberry) so you had to type a key once for a number, twice for the first letter and 3 times for the 3rd, Z took 4 but only 9 had a 4th keypress.

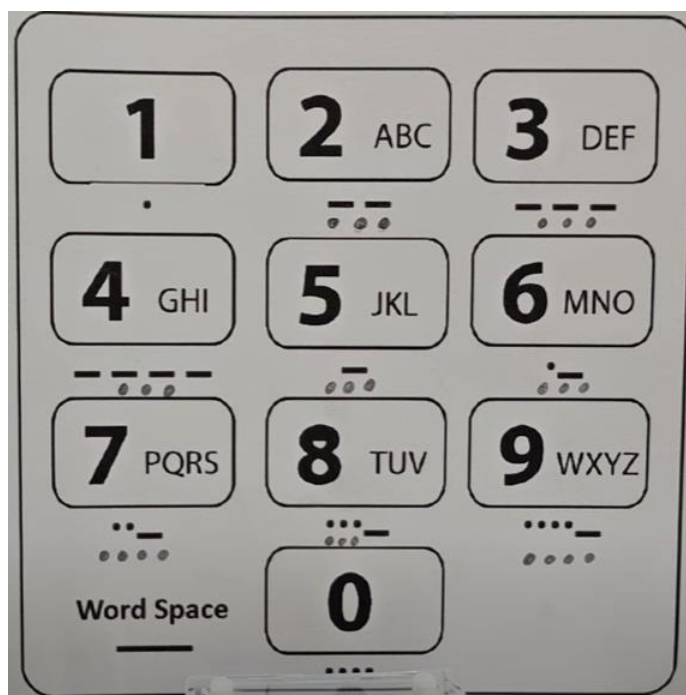
Well someone has had the idea of using the method for morse.

The idea goes like this

A dot never follows a dash, for a number unless it's a letter

Numbers 1 and 0 have no letters, so all you get are numbers

1 is a single dot
2 is dash dash
3 is dash dash dash
4 is dash dash dash dash
5 is a single dash
6 is dot dash (2+5)
7 is dot dot dash (3+5)
8 is dot dot dot dash (3+5)
9 is dot dot dot dot Dash (4+5)
0 is dash dash dash dash
(Word space is likely to be dropped)



With that basis, all you then do is add one, two three or dots to say how many times you pressed the key

So A becomes Dash Dash (2) Dot (pressed 1 extra time) B is Dash Dash (2) Dot Dot (2 extra presses)

M is on the six key so dot dash dot makes an M

So while it's intuitive and easy to learn, the problem is string length, these can get quite long, so less efficient than morse, But great if you want an easy to learn code you can use with minimal training.

But anyway - It's a fun idea if you want to try CW, without morse. ... Maybe

So in T9 code: *dot dot dash dash dash dash dash dash dot dash dash dash dot dot*
Dot dot dot dot dash dot dot dot dot dash dot dot dot dot dot dot dash dot dot dot dot dash dot
dot dot dot dot dash dot dot

RAMBLINGS FROM THE EDITORS DESK

Well, April was a month in which a few things happened that shook up the Ham world, or rather, things happened that should have shaken the Ham world.

We saw tremendous leaps in the M-17 project, and hardware hacks to cheap hardware to allow it to receive right down into the HF bands.

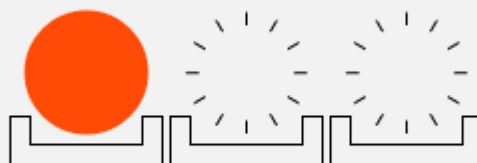
The solar eclipse in the USA saw hams busy testing propagation during the eclipse, and even measure the variations in the time signals from wwv, and yes while time did not change, there was a variation in the time for the signal to be received, making a time shifting effect.

There were plenty of Park on the Air activations, as well as Summits on the Air too, so hams have definitely been enjoying the hobby.

Winlink has taken off in popularity with stations being set up on VHF and UHF all over Auckland, besides the HF options. The club's project to build a digital interface has been popular with many taking the opportunity to build the interface, and send messages over radio, rather than radio over the internet.

A New Zealand company even started production, in Australia, of a lead acid based battery system that rivals the Tesla Powerwall, but at half the price and with vast improvements in recycling options.

So lots of interesting tech, But in addition there were plenty of negatives, the biggest being the closure of the MFJ manufacturing plant and the changes to AliExpress that has seen the radio hardware blocked from sale to New Zealand, even for those authorised to import them. Fortunately, it does seem that the other hardware, including modification boards and antennas, are still available, so not quite time to delete the account, but a disappointing turn if you don't have an eBay account, or any of the other on-line sellers, and in fact I have little appetite to create more on-line accounts anywhere, but as "brick and mortar" stores vanish, I wonder if we really have many alternatives.



Sorry, this item's currently unavailable in your location.

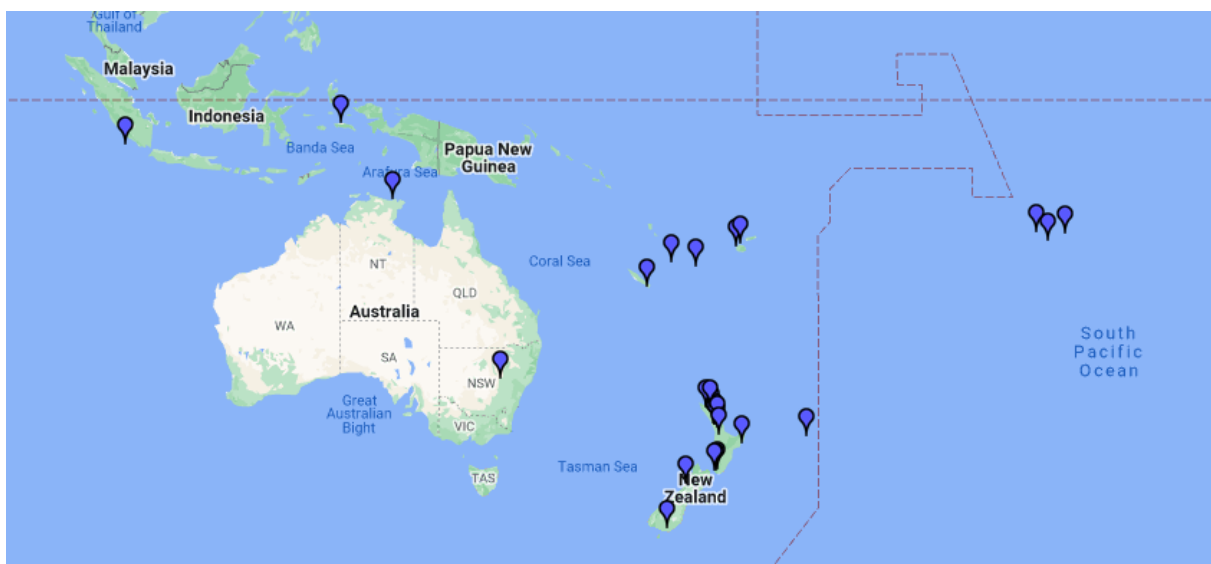
For me the highlight of all this has to be seeing the rise of Winlink. Its nice to see internet traffic being carried over radios, Rather than seeing more and more radio systems becoming dependant on the internet connections. Our dependence on the internet for everything from shopping to setting up a radio (just find the YouTube video) shows both how spoilt we are in that we don't have to think or read manuals, we just watch the video and how dependant we are on a linking system that is basically commercial in nature, and designed to collect as much data about you as possible, so you can be sold the stuff you need, and be fed the information you need to be the sort of citizen the company wants.

Some may scoff, but Google's Winlink Users at the time of writing s roll out of "Bard", where historic images of Nazi party members were changed by the AI to make them both multi-racial and embracing LGBTQ messages, did nothing but reveals how much of the coding was designed to make the responses fit a specific model of thought.

Even at work where we have moved to using Windows 11, we have now constant interruptions from the built in AI "copilot" trying to help you with your work, sadly it often generates content that is not only inaccurate, it is completely wrong. I must wonder, if you didn't know the topic, would you start to believe that these generative AI "Facts" were actually true?

Actually I don't need to wonder, I need only ready my student responses to questions, where about half were generated by AI, and have the same right sounding, but inaccurate facts.

But Winlink is a welcome change, It uses communication protocols designed for the internet, but makes the connections over radio. Yes there is a gateway that links it to the internet, but it is not dependant on it, You can message locally, and even use it in a peer to peer mode where you can exchange messages even if the whole internet went off-line.

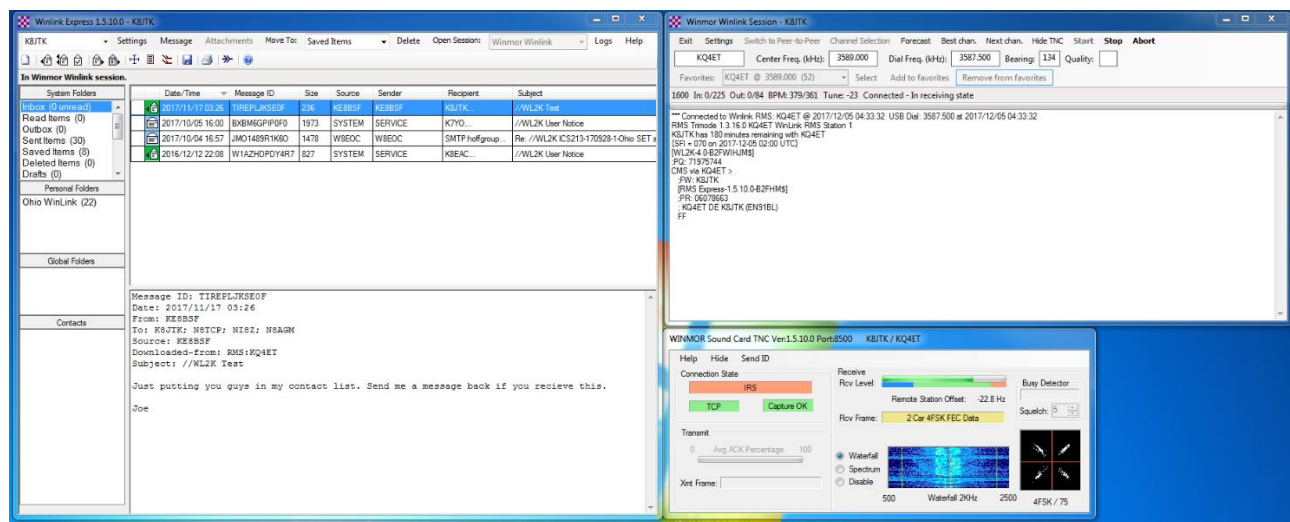


A map of connected clients at the time I was typing this

Naturally it has found a place in Emergency Comms applications, but it also has a place in daily communications for those who want it. The Peer to Peer mode allows messages of up to 120Kbytes to be sent in a single session, of course you could send more by breaking the message up into smaller sections.

When I compare this to other digital modes the benefits are obvious, FT8 only makes a contact, there is no message, RTTY is great, but users are few and while JS8call has the benefits of the low signal communication of FT8, with a short message, the message is always short. And the 15 second handshakes require an accurate clock (read internet connected) but Winlink is asynchronous and can message much faster than almost any other protocol.

The use of VARA as the default protocol is a bit of a bugbear to me, as I like to use Linux, but Winlink is , after all, designed for windows, to run it on Linux we need to use the WINE system (and it works), there are native clients, I can use, but VARA is proprietary, and for full speed you need to pay for it, You can transfer at 126 bps for free, but pay \$70 US to get the full speed of 7536 bps.



Ardop is a good open source alternative,. It was developed to be open source, and was supported by the ARRL, and its free to use right up to the max 1336 bps, but most stations don't seem to support it, so it's limited to Peer-to-Peer contacts. Sadly, it looks like the development of Ardop stopped back around 2017.

This effectively makes Winlink a pay to use Windows based software system. But you can use tricks to run it on linux, but for a Mac, you will need to splash out on crossovers and run a copy of windows too.

A few small quirks include that you need to check for unread messages every 21 days , or they will be deleted, and you need to send a message via a gateway every 400 days or your account will be deleted, but otherwise its all yours to use

So like most things good and bad.

But what I still like is that this is a digital mode that has real world applications and you can use even with no internet connection. And thanks to a team of enthusiasts we have VHF, UHF and HF options available across the Auckland area. And you have to admit that is very cool .

So there are my thoughts for this month, Let me know if you agree or disagree

73 for now de ZL1NXX

NASA GETS A MESSAGE FROM VOYAGER 1

If you've been following the adventures (or misadventures) of NASA's interplanetary spacecraft Voyager 1 started sending gibberish on the 14th of November 2023 after sending a poke command, the team finally got a partial message outlining the programming, which revealed how the memory storage chip was corrupted.

Since replacing the chip is not possible, NASA engineers, who had never worked on the bespoke 1970s software that voyager ran, were able to determine the parts of the chip that were damaged, and then the parts that were still good.

By re-writing the code the engineers have been able to re-load some corrected sections, which have now started sending valid data back to NASA. While there is still much to do to get systems back online, it's a promising start

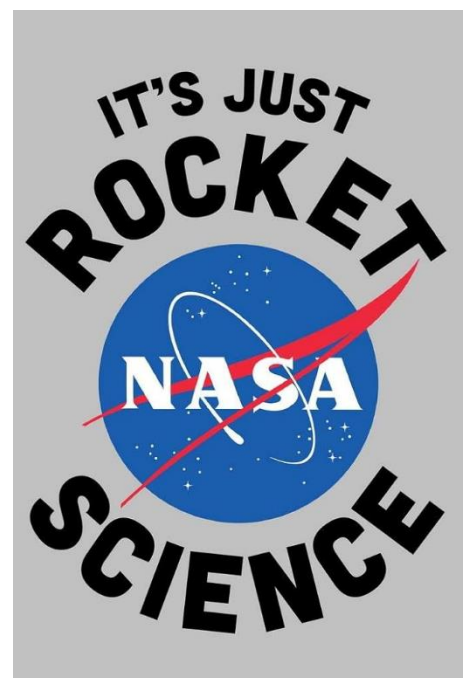


The enormity of this task, along with the 45 hours radio round trip (22.5 hours to send the signal 1 way) via the only antenna that can work it NASA's Deep Space Station 43 near Canberra

The radio on the voyagers, operate with a total power output of 23 watts with a frequency of 2114.676697 megahertz, but the return power of DSS-43 is 400 kilowatts, so how the weak voyager signals are still heard is a testament to the 1897 upgrades that kept the system running

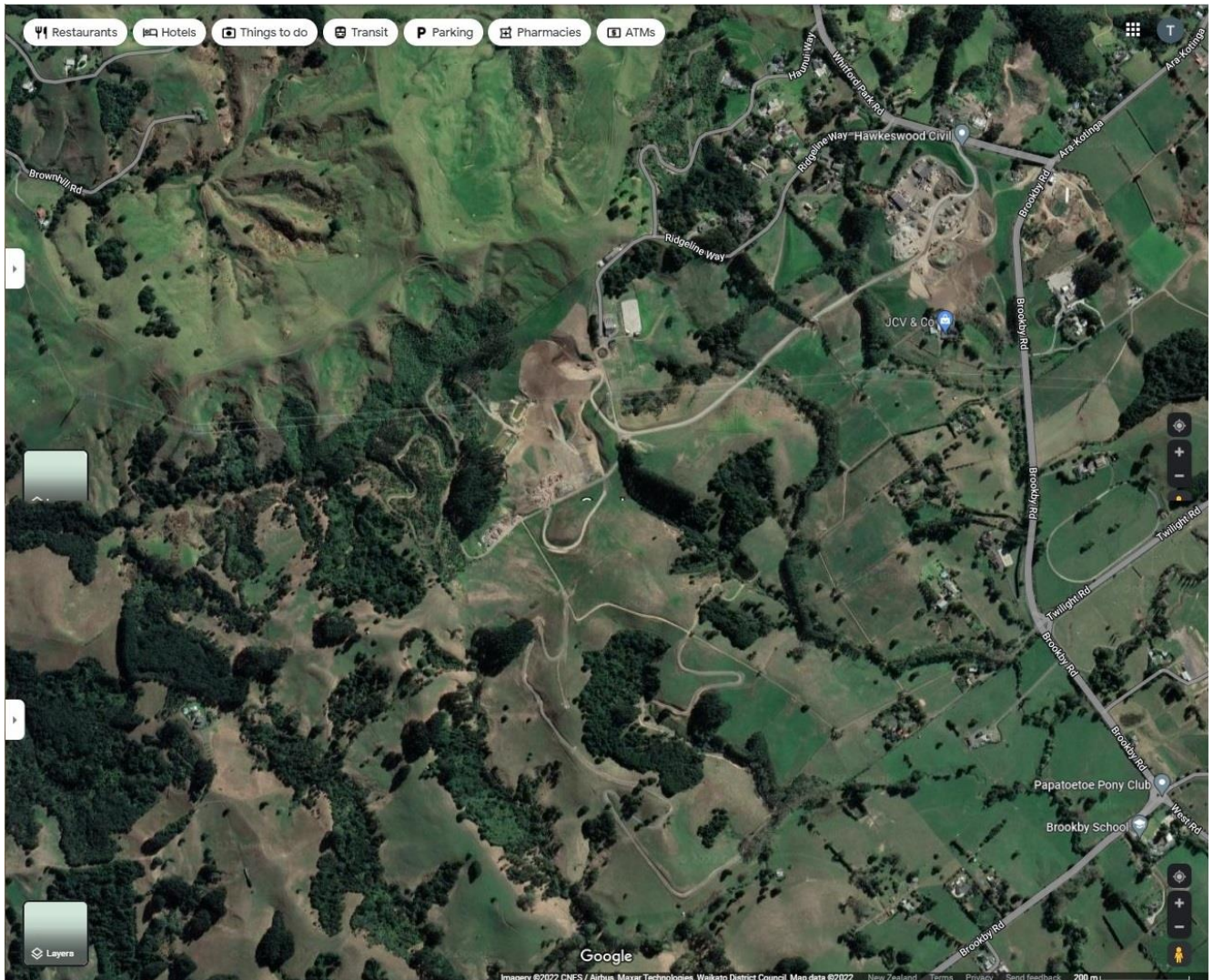
So it seems voyager 1 will live to tell us more about interstellar space. Way to Go NASA.

And God Speed Voyager 1



OPERATORS NEEDED FOR JACK RIDGE RALLY

The South Auckland Car Club requires 7 radio operators for a rally being at the local Jack's Ridge site in Whitford. The Map of the site and a satellite map of the area is attached.

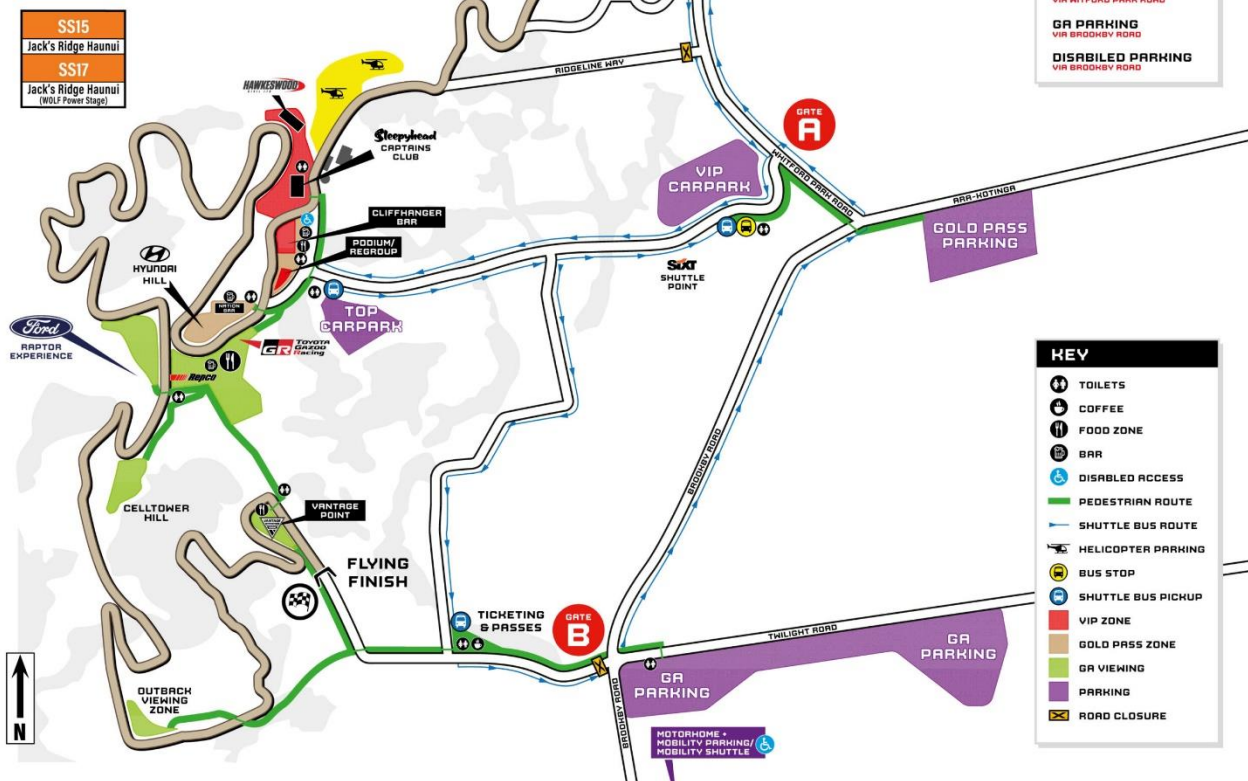


From our Papakura Radio Club, I am looking to fill the positions of Mobile, Start and a Mid-Point operator... Franklin Radio Club have been asked to provide the Finish and 2 other Mid-Point operators.

If your keen to help please contact David at david@southcitymotors.co.nz, or have a chat with him at the meeting wednesday

SUNDAY 2ND OCTOBER

JACK'S RIDGE HAUNUI



From those experienced operators in Papakura, I would like the 3 teams... and along with them anyone else who is interested in joining the group of operators, please let me know so I can try to get you teamed up.

This is a good time to practice your operating skills, mobile setups (having tested them prior to the day) and show your ability to fit in to an operation that has been running for many years and we are pleased to assist our neighbour, the South Auckland Car Club, with this exercise.

Editors Note: The track is well known for its mud in the wet, or dust in the dry, so be prepared for some spectacular photographs



HOW MANY CLUBS CAN DO AN ON-LINE MEETING?

Can we move our club meeting up a notch?

One small benefit of the covid insanity has been the growth in on-line technology that allows Zoom, Teams and other software to link people together no matter where. This has led Papakura to invest in some AV equipment that allows us to both stream meetings, or have virtual speakers join us, in Theory from anywhere in the world,

We have even had committee meetings over the system.

And this raises an interesting question. If we could have an international speaker, join us on the system, is there a chance that other clubs could also link up and share in the experience?

So how many clubs have similar equipment. Or at least the ability to use teams or zoom in the clubrooms,

Given AREC has moved to teams, I would hope the answer is that most could do something.

If so how many would be interested in pooling resources in this way?

The thinking is... if we can get enough clubs interested in this... on a Wednesday evening, then we can ask some quality local and or overseas speakers to join us with their presentation via the internet.

These could be other club presentations, local or overseas radio clubs, presentations from the likes of well-known amateurs with presentations on different subjects or local and overseas suppliers of Amateur Radio equipment promoting their equipment.

Recordings of these presentations could also be sent to your club for viewing at a time more suitable to you.



It could make for some very interesting presentations and the Internet now offers us the chance to move into this area... with a little bit of work but with very little outlay.

To other Radio Clubs in New Zealand... what do you think about this idea... if you have any other suggestions... if you are interested in joining in... email z11vk.club@gmail.com so we can include you and your ideas in this plan.

SILENT KEY – ZL1DEN

Radio was such a big part of Dennis's life for many years. When I first met Dennis, I remember him telling me that he had to sit his exam outside the classrooms due to the apartheid back in South Africa where he first became licenced. He really enjoyed the hobby over the years and I first got to know him around 2010.

Dennis loved his music and could play most instruments and not to mention the love for his dogs. He was planning to move over to Australia in December 2023 but unfortunately his plans changed when he got sick last year in September 2023.



His family had no idea on how to let us know or how to get in touch.

Dennis came up regularly on the Sunday morning Papakura club net and I will always remember with his one liner jokes in signing off. Also he came up on the daily morning 690 net taking turns in running the net which has been going since it first started back during the Covid lockdown in 2020.

Dennis had been in hospital since September but sadly he became a silent key (SK) and passed away peacefully on the 14 March 2024.

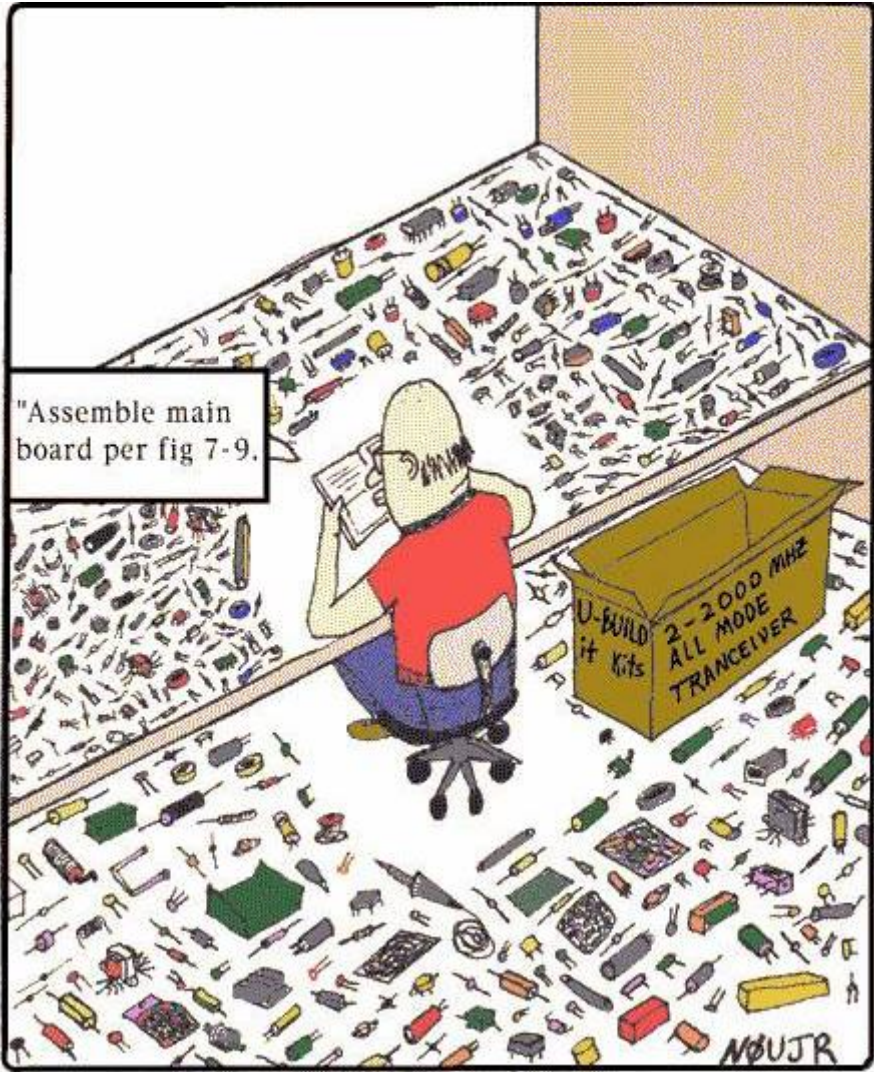
He will be missed.

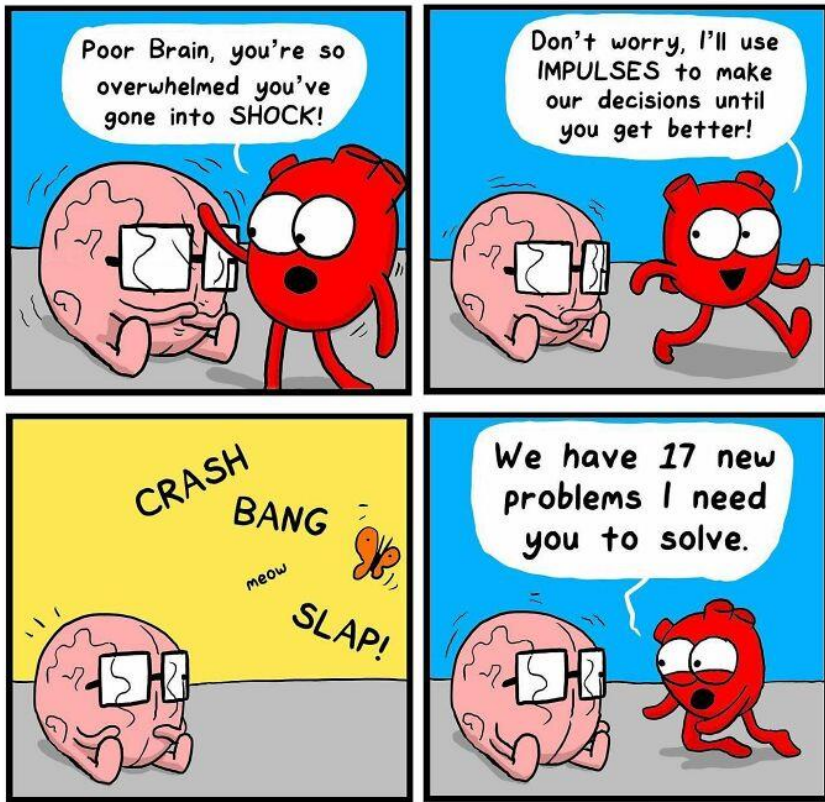
RIP Dennis

Rob ZL1RJS

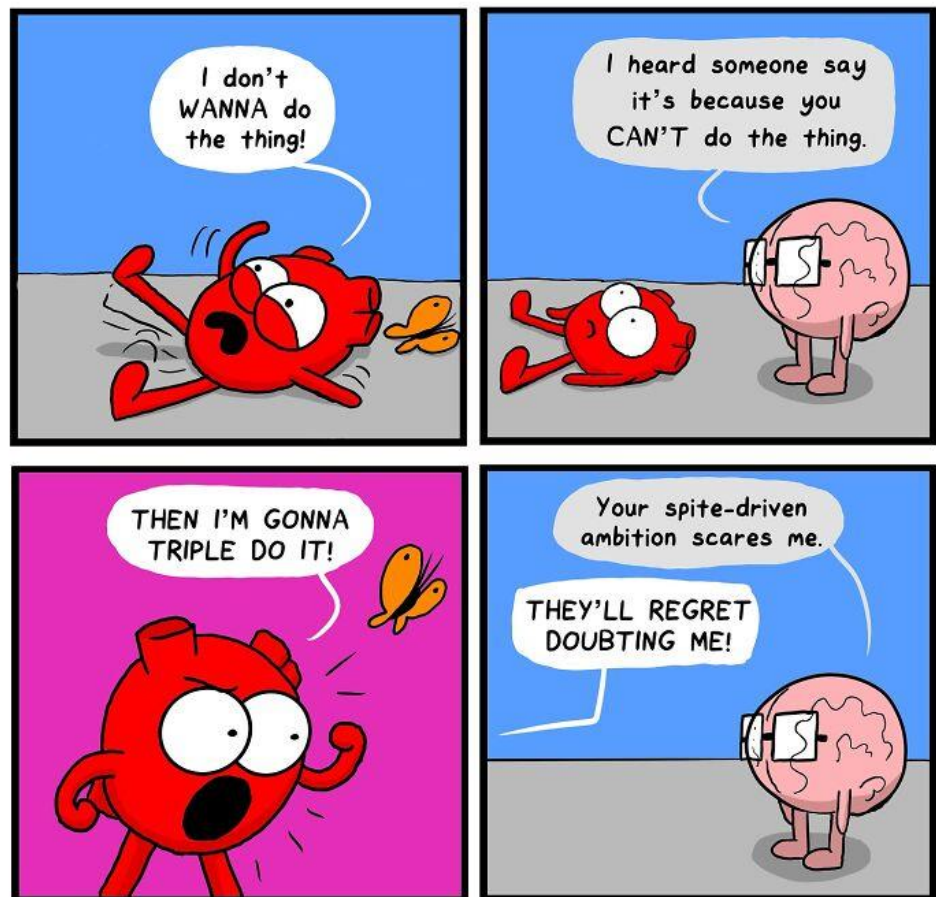


JUST FOR A LAUGH





@theAwkwardYeti



LINKTR.EE/theAwkwardYeti

Radio Electronics Group Inc

NZART Branch - 89

Annual Equipment Sale

At Glenview Club Inc.

211 Peacocks Road Glenview

Note new road layout.

Hamilton

Saturday 18th May 2024

Vendors: 8-30am

Doors open 10am

Prebooked Tables \$20

On the Day \$25

Public \$2 Lucky Ticket Entry

Refreshments – Door prizes

Plenty of parking

Easy access

Motor Home Parking

For Vendor Registration Form

Contact Vern ZL1TKG

ZL1REGSALE@gmail.com

YL GATHERING IN DEVONPORT

Saturday April 27 saw a dozen YLs gather at the esplanade in Devonport for a get together, It was good to see Papakura well represented, even if one had moved away.



The ladies enjoyed a good time of discussion, and it was good to some open dialogue about YL nets and the future of WARO, but if the enthusiasm of the ladies is an example of their love of radio, then the future of WARO is in good hands

But most importantly, the food was good, and the company better.

Well done to all the ladies that made the lunch happen.

NZ STRAIGHT KEY NIGHT

New Zealand Straight Key Night (Winter Edition) will be held on Sunday 9 June from 8pm to 9pm NZT (0800 to 0900 UTC) 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. Please email your nomination to ZL1NZ within one week following the event.

An important note for first-time participants: SKN uses the QSY Rule. Any station that calls CQ must QSY after making a contact.

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.

73, Neil ZL1NZ, SKN Manager



AREC – WINLINK WEEKLY CHECK-IN NET

A weekly AREC Winlink check-In net will be available to all Amateur Radio Operators. Winlink is the email operating software that is used throughout the world for emergency communication in the event of a natural disaster or emergency. Winlink is also used by many government agencies including military and humanitarian services on non-ham frequencies.

The very existence of Amateur radio is a result of providing emergency communications in a national emergency and it is prudent that all amateur operators that are capable of sending an email to learn how to operate this software as it may be your lifeline in a communication blackout.

See [here](#) for a revised document containing more information

ZLS ARE ENCOURAGED TO SEEK OUT THESE ARGENTINIAN STATIONS TO CEMENT THE LINK BETWEEN OUR COUNTRIES.

On 22 May 1924 Ivan O'Meara 2AC in Gisborne made the first trans-Pacific contact with Carlos Braggio CB8 in Buenos Aires, Argentina, setting a world record distance of just over 10,000 km. This contact took the scientific world by surprise because at that time it was thought that the HF frequency used was unsuitable for DX communications.

To commemorate this historic event the Radio Club Argentino is arranging for all Argentinian amateurs to be able to use a special prefix during May 2024. ZLs are encouraged to seek out these Argentinian stations to cement the link between our countries.

Locally the centenary will be commemorated by the Gisborne Branch who will establish a special event station in mid-May using the call sign ZL100AC. During the activation, they hope to make contact with a special RCA station in Argentina on or near the actual anniversary date.

Craig Crawford ZL3TLB

THE NEXT NZART BROADCAST IS ON THE 28TH OF APRIL 2024 AT 8:00 PM (REPLAYED AT 9:00 PM) AND WILL BE POSTED ON THE WEBSITE ABOUT THE SAME TIME.



The HF broadcast is made on 3900 KHz, LSB at the top end of the 80m band. It will be rebroadcast in the Auckland area on the 6625 Repeater, and is available on the NZART website: [NZART-Official Broadcast](#)

SOME NETS – FOR WHEN YOU ARE LOOKING FOR SOME COMPANY

Day	Time (NZST)	Freq (MHz)	Group
Sunday	08:00	3.750	Southern Net
	08:00	146.625	Br 65 – Papakura Net
	09:00	3.700	Br 10 - Franklin
	09:00	3.755	Br 65. Papakura.
	09:30	146.900	Br 10 – Franklin ZL1SA
	19:00	146.700	Auckland YL Net
	19:45	145.575	Thames radio club ZL1DF
	20:00	3.710	Br 42. Titahi Bay
	20:15	146.625	Sunday News and Net (Auckland)
	21:30	3.595	Duran WIA Net.
Monday	11:30	3.850/7.125	Br 12. Hamilton
	19:30	3.757	Br 12. Hamilton
	20:00	3.540	CW Practice Net
	20:00	3.605	Br 80. Hibiscus Coast
	20:30	3.870	O.T.C (Old Timers Club)
Tuesday	09:00	7.096	Ex Post Office Techs
	19:30	3.690	QRP ZL2BH
	20:00	3.581	CW improvers Net
	20:00	7.025 – 7.040	VK CQ QRS Group (CW)
	21:00	1.850	160m Net _ Ron ZL4JMF
Wednesday	11:30	7.125	SPAM Net
	18:00	14.049	VK CW NET
	19:30	146.700	ZL1AB Net
	20:00	3.660	Geek Net
	20:00	3.645	Br 02. Auckland
	20:30	146.525	W.R.S.C
Thursday	09:00	7.096	Ex Post Office Techs
	18:00	7.0674	SAS Net (CW)
	20:00	3.615	Br 89. REG Net
	20:30	3.696	ZL1OA
	20:30	3.666	LF Net ZL2CA
	20:00	3.690	ZL QRP SSB Net
Friday	20:30	3.850	SPAM (AM Mode)
	20:30	3.650	W.S.R.C.
	20:30	3.560	Digital Modes Net
Saturday	10:30	28.530	10-10 Down Under (AK Based)
	19:30	3.650	Christian Fellowship
	20:30	3.600	Br 62. Reefton/Buller
Daily or Other	07:30	3.696	ZL2OA
	08:30	3.730	ZL3RP
	15:00	14.300	Pacific Seafarers
	17:30	3.760	Home Brew
	05:00 Zulu	14.183	ANZA DX Net
	18:00	7.115	VK7OB
	19:30	3.720	ZL1MO
	18:30	3.766	ZL3LE
	08:30/20:00	3.730	ZL3RP
	20:30	3.725	ZL2HN / ZL4RF
	21:00	3.677	Counties Net ZL2MA
	21:00	3.535	New Zealand Net (CW)

Our desire is that this will be a living list,
Please email zl1nux@outlook.com any updates, deletions or changes required.

Papakura Radio Club Inc.
Branch 65 NZART Club Directory 2017
Wellington Park, 1 Great South Road.
PO BOX 72-397 Papakura 2244
PHONE 09 296 5244

Westpac 03-0399-0019896-00

Club website: <http://www.qsl.net/zl1vk> Club email: zl1vk.club@gmail.com

President	ZL1NUX	Gavin Denby	021 459 192
Vice President	ZL1BNQ	Richard Gamble	021 729 270
Secretary	ZL1AOX	Ian Ashley	021 198 1810
Treasurer	ZL1MR	David Wilkins	021 185 7903
Committee	ZL1DK	David Karrasch	021 560 180
	ZL1IRC	Ian Clifford	021 082 48400
	ZL1RJS	Rob Stokes	021 307 005
	ZL1RIC	Ricky Hodge	027 533 8155
	ZL4MDE	Mike Enderby	021 529 895
	ZL1KIM	Kimi Nooroa	
	ZL1BNQ	Richard Gamble	021 729 270
AREC Section Leader	ZL1BNQ	Richard Gamble	021 729 270
CD Liaison	ZL1AOX	Ian Ashley	021 198 1810
Newsletter Editor	ZL1NUX	Gavin Denby	021 459 192
Hall Custodian	ZL1AOX	Ian Ashley	021 198 1810
Newsletter.	Contact:	zl1nux@outlook.com	

Our newsletter is published monthly and normally distributed just before the club meeting. Please forward articles etc to the editor Wednesday 1 week before the general meeting. Please notify any change of address. Including E-Mail Address to the secretary.

Meetings

General Meetings are held at the Clubrooms on the 1st Wednesday of each month, starting at 7.30 pm. Look at your calendar and mark these nights. The speaker follows the General Meeting.

Activity Nights are held on the 2nd Wednesday starting at 7.30 pm.

Committee Meetings are held on the 3rd Wednesday of each month at 7.30 pm unless advised.

Project Evenings are on the 4th Wednesday of each month.

AREC Meetings are on the 5th Wednesday night, also starting at 7.30 pm

AGM: Held in November

Subscription: Full membership and newsletter \$25.00 Family Membership and newsletter \$40.00

Bank Account number: 03-0399-0019896-00 Working Bees As required.

Branch 65 21 Award: For contacts with ZL1VK (5 Points) and 8 Papakura Radio Club Members (2 Points each) after January 2011. Total 21 Points. Cost \$5-00. Certified list and \$5-00 to Secretary, Papakura Radio Club. Address above.

ZL1VK Club Nets

146.625 MHz Sunday at 8.00 am. Controller ZL1NUX, Gavin Denby. If the repeater is not available, listen 146.475MHz simplex.

3.755 MHz Sunday at 9.15 am. Controller ZL1BNQ Richard Gamble. (Linked to 146.675 & 438.775)