



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

August 2024



Reflecting on our past to guide our future



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This Month's Meeting:

This month's general meeting will be normal business, followed by Captain Paul Ashley, Captain on the Air New Zealand 787 Dreamliner. He is also an instructor and check captain.

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.

August Dates:

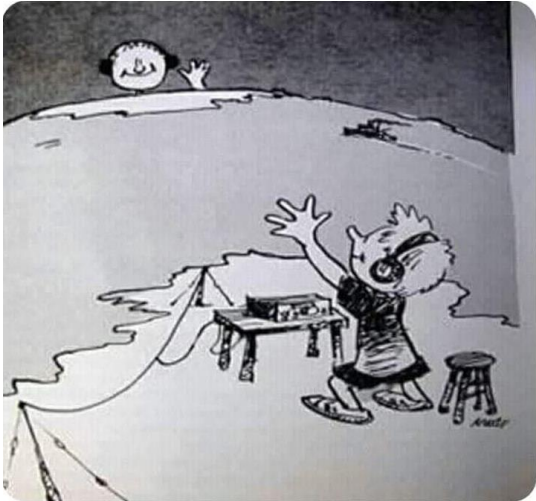
Wednesday 7 th	General Meeting – Dreamliner Comms
Wednesday 14 th	Activity Night
Wednesday 21 st	Committee Meeting
Wednesday 28 th	Project Night



DX CALENDAR AUGUST 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
RI0E										T08FP															CY9C					
YI0CA																				YI0VK										
				N5I																										
															FO/F1SMB															
YN2RP																														
JG8NQJ/JD1																														
FK/LZ1GC.FK/LZ5QZ																														
R11ANE																														
VK0DS																														

Click any link above for details on the expedition



Featured DX: FO/F1SMB French Polynesia

Yan, FO/F1SMB will be active again from French Polynesia, 15 August - 15 September 2024.
He will operate from Tahiti Island, IOTA OC - 046 and from Fakarawa Island, IOTA OC - 066.
Yan, FO/F1SMB will be active from French Polynesia, 13 August - 5 September 2023.
He will operate from following Islands:

ISLAND	GRID	IOTA	First QSO	Last QSO
TAHITI	BH52ek	OC-046	13/08/23	15/08/23
MOOREA	BH52cl	OC-046	15/08/23	17/08/23
TAHITI	BH52ek	OC-046	17/08/23	20/08/23
BORA BORA	BH43dl	OC-067	20/08/23	23/08/23
TAHITI	BH52ek	OC-046	23/08/23	25/08/23
FAKARAVA	BH73hn	OC-066	25/08/23	28/08/23
TAHITI	BH52ek	OC-046	28/08/23	05/09/23

He will operate on HF Bands.



Perhaps not everyone has heard of French Polynesia. But almost everyone knows about Bora Bora and Tahiti, the most famous of its islands. They are indeed part of France, still officially considered its overseas territories. People go to this remote corner of the civilized world for creative inspiration and romance. The luxurious tropical nature is complemented by European infrastructure - excellent hotels and luxury service. As usual, VIP vacations are not cheap, and the majority of tourists are very wealthy people.

The sound of the local language reminds you of melodious tunes, and the surrounding landscapes and views are like a lost Eden. People here are always cheerful, smiling, friendly and surprisingly calm. In French Polynesia it is customary to decorate oneself with flowers, and clothes are necessarily bright colours.

The local population is almost 300 thousand people (all of them are considered subjects of France). Here they speak French and Tahitian, although most Polynesians are quite fluent in English. This is especially true for the staff of markets, cafes, hotels, entertainment venues.

Pleasant features of the locals - friendliness, diligence, honesty and modesty. And also hospitality. Maximum attention and unobtrusive care awaits any guest here. This is not surprising, given that tourism is the main source of income of French Polynesia. But not the only one. Shark fins and pearls are extracted here (their fishermen are a matter of national pride), coconut palms are grown here - their groves add colour.

Despite the onset of civilization, the local population has managed to preserve enough identity and ancient rituals to interest the most sophisticated inhabitant of the Old or New World. Going on a tour, be sure to see the rituals of meeting the rising sun, walking on hot coals, and if you are lucky, you will get to the festival of the national symbol - the flower tiare.

A local wedding is also worth a visit. The wedding ceremony is extremely exotic and beautiful - quite in the local spirit. The ceremony takes place on the shore: the bride waits for the groom, who arrives in a canoe. Everything is decorated with bright colors - the boat, the shore, people. A pleasant melody is playing (several musical instruments). Instead of the traditional marriage certificate, palm leaves are used. The newlyweds receive them after they are wrapped in a wedding towel. They will take it off after the holiday, sitting in a canoe to cross to another island together.

Many vacationers come to honeymoon or play their own weddings on these paradise islands.



FO/F1SMB. Where is French Polynesia located. Map.

FO/F1SMB French Polynesia. Sunrise 07-28-2024 at 16:24 GMT sunset at 03:44 GMT



UPCOMING CONTESTS

Refer to the contest websites for full rules, scoring information, operating periods or time limits, and log submission information.

Start - Finish Date-Time Date- Time				Bands	Contest Name	Mode	Exchange	Sponsor's Website
1	0000	2	0300	7	Walk for the Bacon QRP Contest	CW	Max 13 WPM; RST, SPC, name	qrptest.com/pigwalk40
1	1800	1	2200	28	NRAU 10m Activity Contest	CW Ph Dig	RS(T), 6-char grid square	nrau.net/nrau-contests-in-general
2	0100	2	0130	(see rules)	NCCC FT4 Sprint	FT4	4-char grid square	ncccsprint.com/ft4ns.html
2	0230	2	0300	(see rules)	NCCC Sprint	CW	Serial, name, QTH	ncccsprint.com/rules.html
3	0000	4	2359	3.5-28	Batavia FT8 Contest	Dig	4-char grid square	batavia-ft8.com
3	0001	4	2359	28	10-10 International Summer Contest,SSB	Ph	Name, mbr or "0," SPC	www.ten-ten.org
3	1200	3	2359	1.8-28	European HF Championship	CW Ph	RS(T), 2-digit year first licensed	euhf.s5cc.eu/euhfc_rules
3	1400	3	1800	144	WAB 144 MHz Low Power Phone	Ph	RS, serial, WAB square or country	wab.intermip.net/144MHz_QRP_Phone.php
4	0600	4	1359	144	Hemus VHF Contest — 144 MHz	CW Ph	RS(T), 6-char grid square	radioclub-troyan.bg
4	1400	4	1700	3.5-14	SARL HF Phone Contest	Ph	RS, serial	www.sarl.org.za
6	0000	6	0200	3.5-28	ARS Spartan Sprint	CW	RST, SPC, power	arsqrp.blogspot.com
10	0000	10	2359	3.5-28	FISTS Saturday Sprint	CW	RST, first name, mbr or "0," SPC	fistsna.org
10	0000	11	2359	3.5-28	WAE DX Contest, CW	CW	RST, serial	www.darc.de
10	1200	10	1300	7	SARL Youth QSO Party	Ph	RS, age	www.sarl.org.za
10	1400	10	2200	3.5-28	Kentucky State Parks on the Air	CW Ph Dig	KY park abbr, SP or "DX"	k4msu.com/kypota
10	1400	11	0400	1.8-28	Maryland-DC QSO Party	CW Ph	MDC county/city or SPC	www.w3vpr.org
10	1800	10	2200	50	50 MHz Fall Sprint	CW Ph Dig	4-char grid square	www.packratvhf.com
10	2200	12	2159	144	MMM on VHF/DUBUS 144 MHz Meteorscatter Sprint Contest	CW Ph Dig	Signal report	www.mmmvvhf.de
11	1300	11	1600	3.5-14	SARL HF Digital Contest	Dig	RST, serial	www.sarl.org.za
12	0000	12	0200	1.8-28	4 States QRP Group Second Sunday Sprint	CW Ph	RS(T), SPC, mbr or pwr	www.4sqrp.com
13	1900	13	2000	3.5	DARC FT4 Contest	FT4	RST, 4-char grid square	www.darc.de
14	0030	14	0230	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or pwr	naqcc.info
14	1300	15	1300	3.5,7,28	YB Bekasi Merdeka Contest	Ph	RS, YB section or "DX"	orari-kotabekasi.com
15	0000	16	0300	14	Walk for the Bacon QRP Contest	CW	Max 13 WPM; RST, SPC, name	qrptest.com/pigwalk20
15	1900	15	2000	3.5-14	NTC QSO Party	CW	Max 25 WPM, RST, mbr or "NM"	pi4ntc.nl/ntcqp
17	0000	18	1600	3.5-28	SARTG WW RTTY Contest	Dig	RST, serial	www.sartg.com
17	0300	18	0300	1.8-148.0	Remembrance Day Contest	CW Ph	RST, XXX (Years Operating)	https://www.wia.org.au/members/contests/rdcontest/
17	0800	18	0800	1.8-28	Russian District Award Contest	CW Ph	RS(T), RU district code or serial	rdaward.org/rdac1.htm
17	1200	18	1200	1.8-28,50	Keyman's Club of Japan Contest	CW	RST, JA prefecture/district code or CQzone	kcj-cw.com/contest/rule/2024_45_kcj_dx_.pdf
17	1600	17	1759	1.8-28,50	Feld Hell Sprint	Dig	See rules	sites.google.com/site/feldhellclub
17	2100	18	2100	1.8-28	CVA DX Contest, CW	CW	RST, type/UF	cvadx.org/regulamento-cvadx-2023
18	0000	18	2359	3.5-28	FISTS Sunday Sprint	CW	RST, first name, mbr or "0," SPC	fistsna.org
18	1700	18	2100	3.5-28	NJQRP Skeeter Hunt	CW Ph	RS(T), SPC mbr or power, "W"	www.qsl.net/w2lj
18	2300	19	0100	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, (mbr/pwr)	qrptest.com/pigrun
23	2200	25	2359	1.8-28	SCRY/RTTYOps WW RTTY Contest	Dig	RST, 4-digit year license first issued	rttyops.com
24	0400	26	0400	1.8-28	Hawaii QSO Party	CW Ph Dig	RS(T), HI district, or SP	www.hawaiiqsoparty.org
24	0600	25	0559	3.5-28	ALARA Contest	CW Ph	RS(T), serial, name	www.alara.org.au/contests
24	1200	25	1200	3.5-28	YO DX HF Contest	CW Ph	RS(T), YO county, or serial	www.yodx.ro
24	1200	25	0300	1.8-28,50	US Islands QSO Party	CW Ph Dig	RS(T), island designation or SPC	usislands.org/qso-party-rules
24	1200	25	1200	1.8-28	World Wide Digi DX Contest	Dig	4-char grid square	ww-digi.com
24	1400	25	2000	3.5-28,50	Kansas QSO Party	CW Ph Dig	RS(T), KS county, SP or "DX"	ksqsoparty.org
24	1600	25	0400	1.8-28	Ohio QSO Party	CW Ph	RS(T), OH county, SP or "DX"	www.ohqp.org
24	2100	25	2100	1.8-28	CVA DX Contest, SSB	Ph	RST, type/UF	cvadx.org
25	1400	25	1700	3.5-14	SARL HF CW Contest	CW	RST, serial	www.sarl.org.za
31	0000	31	2359	1.8-28,50	Feld Hell Sprint	Dig	See rules	sites.google.com/site/feldhellclub
31	1200	1	1159	1.8-28	Russian WW MultiMode Contest	CW Ph Dig	RST, 2-char oblast or serial	www.rdrclub.ru
31	1200	1	1200	3.5-28	UK/EI DX Contest, SSB	Ph	RS, serial, UK/EI district code (if UK/EI)	www.ukeicc.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.

WORKING 'B' AT THE CLUBROOMS...

Saturday, the 6th July, 2024 was set aside for the working 'B' at the clubrooms. The plan was to drop the center pole on the South Auckland Car Club end of our building and install another aerial to cover the ES band for AREC/CD communications... if needed. We were also going to remove the Mesh Antenna from the pole and finally lower the APRS. All pretty simple... one would think.

First of all... the rain, on the day, kept us inside for a time at the very start.

When that finally cleared, we took the club's ladder out and propped it up on the walk way out the front of the club to gain access to the roof. Once on the roof... on the flatter section just above the wash rooms, it quickly became apparent that no body was going to be walking up the slope to the roof ridge any time soon... that is until Dave, ZL1MR came out with his climbing gear in a pack. All rigged out with his belt on with a multitude of clips, ropes and other things hanging off it, he was all set to throw a rope over the building and secure it to Richard ZLBNQ's car parked on the motorway side of the club rooms. At last...all set to go... after the rain stops.



Ian, ZL1AOX had brought his ladder, as did Richard and we had both of them up and nearly... but not quite, to the top of the roof. We could have reached the roof had the ladders been a little to the front of the building but then we would have had a good slide back down and maybe over the edge.

Dave was able to undo the bolt securing the pole to it's mount and using some rope he had with him, lower the pole onto a chair Richard has brought out of the AREC room.



Into the work proper, Richard was able to cut the Mesh antenna lead and unscrew it from the pole. Then he moved onto disconnecting the APRS antenna and tying it off to the pole for remounting later in a new position on the building. I think that it needs to be higher than we had it previously if we are going to provide any sort of coverage for Papakura's local community in the case of an emergency. Finally, the ES Band antenna was secured onto the cross pole and job done... outside.

Up went the pole again and Dave and Richard secured it again inserting the bolt and all the spacers etc.



Inside, upstairs, we needed to get the old coax out of the entry pipe (shown just to the left of Richard under that alarm light) and the new one back in thru the entry pipe. That was a bit of a mission, as the pipe is only just big enuf to insert the coax and the ledge/rack which holds all the coax cables is a little too small in height and a bit too close to the wall... it needs to be removed and a new shelf made. Maybe some 6x1 as the shelf and 6x1 as the front giving us enuf height to conceal the coax and lines that go thru it... and a coat of paint would top it off.

We had some near accident when someone was upstairs rushing around moving things, putting things here and there, when he/she/they were seen clambering up onto the radio desk... or trying to with one foot on the desk and the other foot on the chair... the revolving chair... which did as it was meant to do... and someone nearly came to become a H&S issue.

Ian, ZL1AOX had to leave a little early... maybe on time had it not rained on and off during the exercise. John, ZL1OJ was there offering support and I was

there also... clicking away with the camera on my phone.

We all packed up and went our merry ways off home or...

David z1ldk

LOCKSPORT... WITH CLUB MEMBER STEVE CHARLTON, ZL4SJC.

Last Wednesday the 3rd of July, 2024, Steve Charlton, ZL4SJC gave a very interesting talk on security locks and then moved on to the art of lock picking.



There were many items Steve had with him to assist with this demonstration, and these items included a vast range of locks of all different styles, and many were mounted on red, 3D blocks that made for a good solid way to hold them.

Also, Steve had a huge number of picks and levers to assist us all with the lock picking exercise that was to follow.

Steve started his presentation with a video on how locks are made and how the internal springs, cotter pins, the rotor or cylinder that contains the key guide, which raises and aligns the cotter pins when the correct key is inserted, and other parts all work together to complete the locking and unlocking of the cylinder. The video then went on to show how to pick each of the cotter pins until the lock cylinder could be turned. The need for some tension is needed to be put onto the locked cylinder while the picking process is performed and after a short while... sometimes a long while... the locked cylinder can be rotated, and the lock is open. That said, opening all the locks was not always possible and some were never opened by us.



In all, it was a very entertaining evening and we all learnt something about the security of our home locks... or should I say their vulnerability.

Thanks Steve for your presentation, well done.

David z11dk.

PAPAKURA AMATEUR RADIO CLUB'S 50TH INCORPORATION ANNIVERSARY DINNER...



Saturday the 20th July, 2024 saw 14 club members and wives, sitting upstairs in the Blacksmith Restaurant in Takanini. A great time was had by all... there was plenty to drink, and the food was absolutely great also... The '50' tag was passed around the table, with the word... wherever it stopped, that person was paying for everything... needless to say, it was returned to the start very quickly.

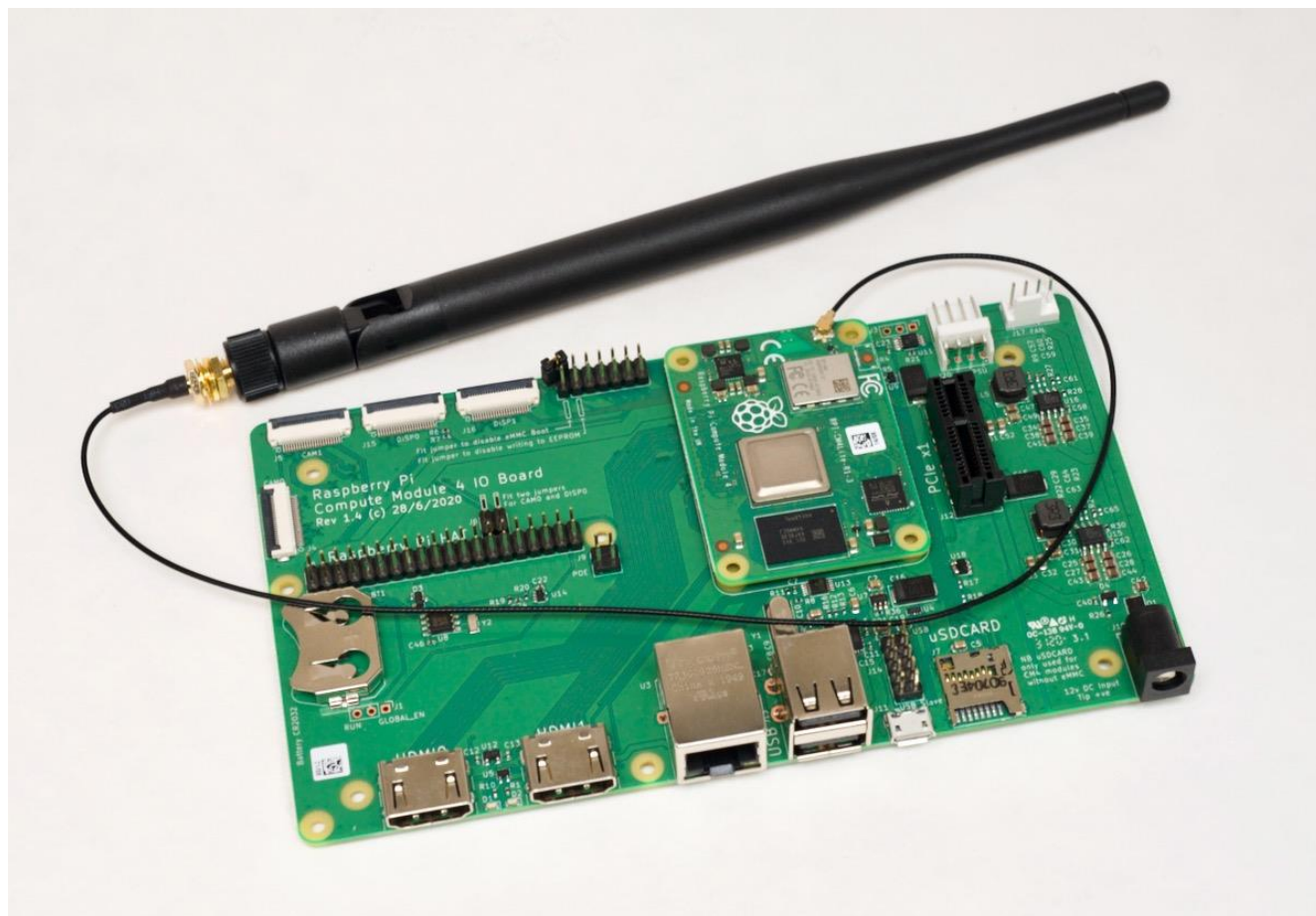


ZL1DK

RAMBLINGS FROM THE EDITOR'S DESK

“Radios are now computers with antennas attached, and so the future of Ham radio is in the hands of hackers” Steve Stroh N8GNJ

If you haven't read zero retries, then the above statement (Maybe not a 100% perfect quote) will mean very little, but it has rattled in my head a lot over the last month.



Is this your next radio?

It all began with my trip to Wellington, which sadly meant missing the talk from Steve Charlton on locks, but I did take my handheld DMR radio with me so I could have a play with the Wellington DMR repeaters.

I have to say I was very impressed, and a little envious, of the coverage of DMR over the wellington area, If you fell off one repeater, there was another one ready to jump to, so my TYT got a good workout, and I decided that I would up my efforts to get my DMR working once I got back to Auckland.

So ... simple right . Just fire up the DMR and Hmmmm Turns out the Auckland repeater was off-air, as it was being moved, and then ... No Joy, I just couldn't work it, even with 25 watts. Later the word got out it had been fixed, so another attempt and yes, contacts, just not that many.

My problem is not the radio. It's my locations, and the location of the Auckland repeater.

So it's not just adding the antenna, in fact, it's an antenna system with a receiver/demodulator/decoder attached. Which means the heart of the radio is not the radio hardware, but the quality of the RF path between the operator(s) and the repeater.

Yes, in the days of internet hotspots and even base station radios that connect to the internet, there are many ways to connect your hardware without the radio path. In fact, you can get Echolink, or Peanut allows DMR or D-Star on your phone (or PC) with just an app, no radio required. But where's the fun in that? *(and as I write this, music is playing on my PC from a local radio station)*



OK, that's too harsh. In fact, I can see some benefits of these tools. I can even see that for those who cannot connect to a local repeater, or when a Repeater is offline, could use these to stay connected to their favourite service. I can even see where hotspots allow you to connect when no local service is available. So yes, these have a place.

But, what happens if you lose your internet connection? I mean I can run Winlink on a PC with no radio, and telnet to get messages, but the whole reason for WinLink is to use your radio to connect to a gateway when you cannot access the internet.

Radios are about being able to communicate, but they are also a technical exercise, and a chance to learn and grow your skills in RF propagation. So if you're going to put in a hotspot, why not go whole hog and build a repeater, and share the service with others? In fact, thanks to another local Ham, I'll be setting up a repeater at my QTH just to give us some improved coverage for DMR here in the Papakura region ... we'll see how far it reaches until we can find a higher site than just the top of my tower.

So as we enjoy the benefits (and our curses) of our high tech, electrified and highly connected age, what is the future of the ham radio operator?

Are we operators of equipment?

Are we remnants of the first social network?

Are we technical innovators?

Equipment repairers?

Tweakers?

Nerds?

Personally, I think we are all the above; as much or as little of each as we want to, or need to, be.

While I still sometimes make my own antennas, I'm also happy to purchase many of them, as the materials to make some designs cost more than the finished product. But a length of wire and a balun, can be built by anyone with some simple plans, and a desire to play, even a 2 metre Baianinha (Ballerina) Antenna can be built with wood and wire, Imagine what you could do with a 3D printer.



The 2 Metre Ballerina antenna has a gain that surpasses that of the 5/8th antenna

And let's not forget the Moxon, butterfly or Yagi antennas.

I think you mostly need an antenna with any rig attached.

But I purchase more radios than I repair, and I build almost none ... Do Kitsets even count? The uBITX V6 is still a great project for anyone keen on building an HF transceiver (QRP, but you can get it up to 10 Watts on most bands, or if you want to get the PC with an antenna, the sBitx v3 will do it all, From FT8 to Logging to monitoring DX cluster ... If you have internet service. (ironically no DV Mode). Now where is the software hacker when you need them?

So yes, I get the idea of the author's intent, But Ham Radio is still more than just digital modes, and while I see the benefits of digital modes, the fun you can have with a cheap FM rig and a good antenna can be surpassed, If you find a rig with 2 metre SSB.

Yes DMR/D-Star/Fusion/M-17/All/Star/Echolink All offer internation contacts without the fickle HF bands, and when the solar cycle turns and drops back to a low, we may all be grateful for the option, But while we are at the solar peak, let's make the most of the ionosphere and make so DX HF contacts.

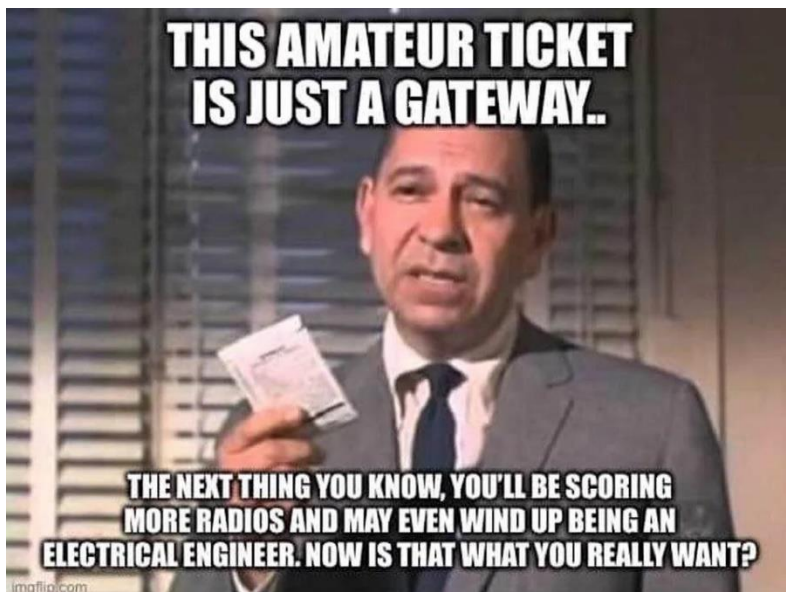
But wait ... Did I hear you say no-rig, or no antenna?

Well then isn't that what your club is for? Get along and take advantage of the clubs rig. Get on the air, Put out some calls, and make some contacts.

The radios is there for us all to use. So come along, get into the operator position, and make some contacts ... and if your in need a lesson in its use, I'm sure there will be a fellow ham who will help you

Just one thing.

Bring a pencil and paper to log the contacts. You might find a new addiction. After all, what's the worst that can happen?



73 for now de ZL1NUX

THE ULTIMATE ELECTRIC CAR – YOU’VE PROBABLY NEVER HEARD OF

Concept cars embody the hopes, aspirations, and visions that car manufacturers hold for the future of not only their own vehicles, but also for the entire automotive industry.

Sometimes, concept cars are specifically developed to provide a glimpse into the upcoming production models, while in other instances, they are created purely as abstract visions of what the future may look like. For instance, let's consider Ford's nuclear-powered concept from 1958 called the Nucleon.



Hot swappable battery packs and fuel cells that convert gases created by a soup of overactive algae into electricity may seem like futuristic enough automotive propulsion ideas now, but they have nothing on the era of scientific optimism that brought forth the Ford Nucleon atomic-powered concept of 1958.

Nearly 30 years before the Chernobyl nuclear disaster, engineers at Ford designed and made a 3/8 scale model of a car, which it said would be powered by a nuclear reactor in the trunk (or boot if you’re British). Yeah, let that sink in for a moment.

Had Ford made an actual working version of the Nucleon, the company says drivers would have fuelled it with Uranium pellets. Ford never actually made a working version, though — probably for the best.

Ford says the nuclear capsule would be easily interchangeable based on the driver’s performance needs and the distance to be travelled. Designers also allegedly believed that gas stations would be replaced by Uranium stations, where drivers could get their radioactive cores changed.

Hopefully you wouldn’t need to put on a radiation suit to refuel, Like the DMC DeLorean in “Back to the Future”

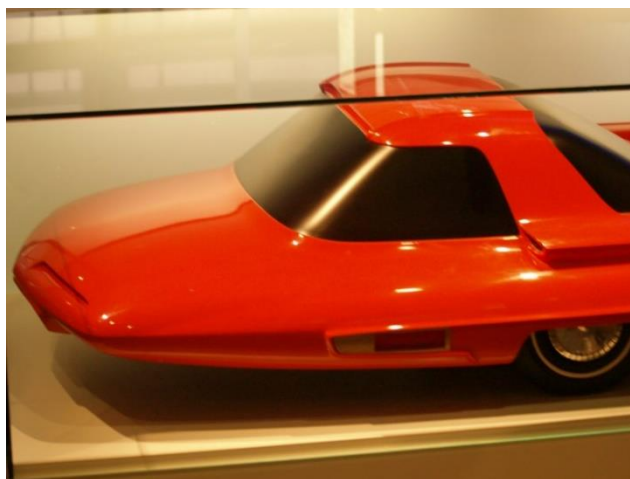




The brain trust at Ford said this would give the Nucleon a range of some 8,000 km (5,000 miles) between fill-ups. By fill-up, I presume they mean replacing the Uranium. And it would be emissions free. *(They called it pollution free back then.)*

The car never saw an engine built, despite the 3/8th model. The problem was the very fuel they wanted to use, The energy density of was so high, that the heat it generated had to be cooled, and there wasn't enough space to have a suitable heat exchange then add the lead weight needed to protect the passengers, and the physics, just didn't work in the real world, so the project was abandoned.

But the electric torque converters and drive train can be found in your modern hybrid, so all was not lost... And personally, I think it looks cool in a retro kind of way. With its short wheel base, and truck like front, along with the long tail section. You can see the pickup it was born from. Imagine how many aerals you could fit on it!



The model is currently on display at the Atomic Museum (Las Vegas, Nevada) on loan from the Ford Museum

BUILDING THE PAPA KURA AMATEUR RADIO CLUBROOMS...

This is a brief pictorial of the building of our clubrooms, 1R Great South Road, Papakura. When the Papakura District Council said that they needed us to move from our location at the end of Wood Street, Papakura it came as a bit of a surprise. Then started the communications process... first with Murdoch McDonald, ZL1TEY and later on with Dave Wilkins, ZL1MR right up until there was a bit of a flare up with George Hawkins, the Mayor at the time.

However... things finally got sorted and we settled on the current location in Wellington Park. The Council had offered us a room in a house they owned in Papakura but that was far from a satisfactory replacement for our then existing club rooms... ROOMS... so the conversation went on and on until we settled on the current location and building plans. This is Council land, but it is our building.

Then more communications... but this time, not with the mayor but rather some of his underlings. Things went well right up to the time we needed some more facilities added to the contract. On and on the talks went until the mayor, who wanted us out of Wood Street so they could build the 'George Hawkins ...' I'm not quite sure if it was going to be the GH Library or the GH Medical Center or whenever, but they wanted us out, so we got what we wanted in the end and everyone seemed to be happy. The evacuated property then just sat there for the next few plus years.



Originally...the area was used by
The Papakura Radio Control Club ...



here we go with **the first scoop**...



The ground scraped clear...



The First Peg is sunk



Re-laying the foundation blocks
After the first were kicked over



Concrete is poured



Base Foundations are set



First Frames delivered



First Frames are set in place



Not Golden, But Arches



The completed framing



The Roof Finished



And we now enjoy the clubrooms today (2103, *but not much is changed*)

ZL1DK

HEARD AROUND THE SCENES

HAM CRAM !!!

August 17th and 24th

We will run from 8:30am to 4:30 (ish) PM ... Definitely finished by 5pm

I will be at the Hall to open by 8:00am to allow people time to set up, get a drink ,, etc

There is an \$80.00 fee for registration, after you pass the exam, but no fee for the Ham Cram,

If a student under the age of twenty five (25), there are no fees applicable, but tertiary students MUST provide a Student ID and be in full time study.

The candidate must provide suitable identification and, MUST supply a passport sized photograph for their certificate.

Tea and coffee provided – But bring your own lunch (see there is no such thing as a free lunch)

Please advise numbers to: zl1nux@outlook.com so we have enough seats and books.

This is your chance to promote ham radio, so let's fill the hall and show off our awesome hobby.

Alias Email Accounts

ALIAS

alias

[ey-lee-uhs]

Phonetic (Standard)IPA

noun

, *Plural a·li·as·es.*

1. a false name used to conceal one's identity; an assumed name:

Did you know that NZART has to ability for all amateur radio operators to participate in the creation of alias email accounts. I have one... zl1dk@nzart.org.nz

The way it works is people send an email to zl1dk@nzart.org.nz and the computer at NZART HQ forwards that same email on to david@southcitymotors.co.nz ... therefore, it's a lot easier for everyone sending an email to a fellow ham, to send it via the NZART alias cause you only have to know their call sign than having to remember their complete email address.

All you need to do to get an alias is send Debby an email at nzart@nzart.org.nz, asking for an alias, and she or one of the team in Head Quarters will set it up for you... it's as easy as that... so let's all get on and set your alias email account up now.

David zl1dk

PAPAKURA AMATEUR RADIO CLUB INC.

USB/ RADIO INTERFACE KIT...

This USB Interface will connect radios like Kenwood, Icom, Yaesu, Elecraft, Alinco, TenTec etc thru CAT, audio in/out and the PTT ports. Special interface cables are easy to create to suit your radio and help with their design is available from the Papakura Amateur Radio Club, 1 Great South Road, Papakura.

This unit (kitset) will, when built, provide you with many years' enjoyment with access to digital radio modes you may not have been involved with to -date. These include SSTV, RTTY, PSK including the popular FT4 and FT8, Echolink, Winlink and many more.

This kit comes with the printed face plates, and the PCBs of through hole design except for 31C's which are SMD, and you may need assistance in soldering these units, again your local club may help here.

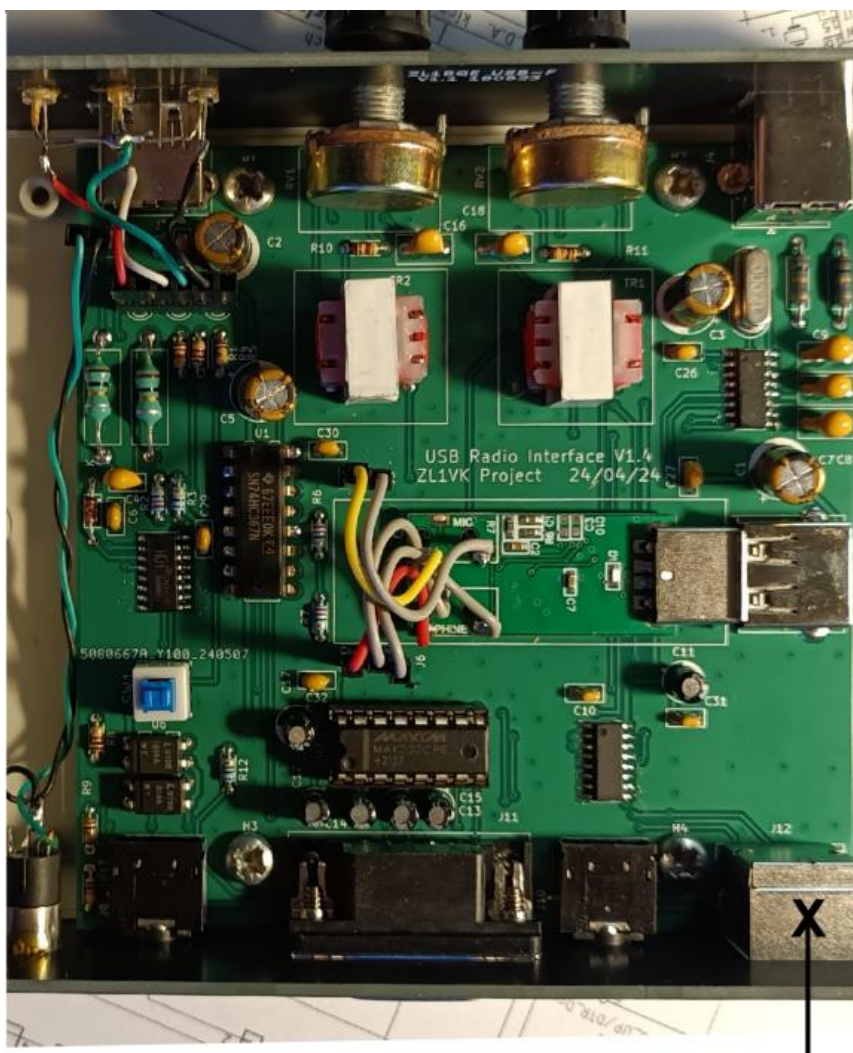


Ideally suited to VHF / UHF, these units can also be used on HF but there may be some interference so shielding of the unit may also be required. This can be done with aluminium foil or conductive paint etc., not included in the kit. If shielding, you should bolt a lead to the front and rear panels and run that lead to the foil or painted surfaces, completing the shielding circuit.



The design is like other units available on the market...there are isolating transformers in the audio circuit to restrict interference and of course the controls are on the front panel to allow you to adjust the levels of transmit and receive audio. The USB cable provides the only power needed by the unit. There are LEDs also on the front panel to indicate your

current operating condition. On the reverse side of the unit there is a CI -V socket if your radio supports this, and there is also the FSK/ PTT socket, an Audio In/Out socket, the RS232 9 pin connector and a RM5 connector, if that is needed. On the R45 connection, pins 1,2,7 and 8 are not used but are carried thru to the PC Board just above the RS45 connector.



In V1.5a the Mini Din connector is replaced with an RJ45.

This unit is ideal for those new computers that do not have a Serial Port but do have USB ports as the unit will connect to your PC via the USB port...the only connection you may need.

You will need to set up your COM ports etc. to suit your radio and the software that you have chosen to use.

Kit orders.. email: zl1dk@nzart.org.nz or david@southcitymotors.co.nz

Kits are \$50.00 each plus postage.

Bare PCB, inc. printed front/rear panels and instructions are \$15.00 each plus postage.

STILL FOR SALE:

1 x Baofeng UV5R, In box, with NZ power supply, As New Not yet programmed - \$45.00 ono
1 x Pofung UV-82 With Charger. Used, But in Good Condition - \$40.00 ono
2 x Quinsheng Handhelds (Single Frequency Models) Dual Band
Includes 1 Hand Mic + with Antenna \$90.00 for the set. ono

Being sold by a licensed dealer on behalf of a club member, Will only be sold to licensed Hams, and details of the sale will be given to RSM.

Contact ZL1NUX (Contact Details on Back page of the newsletter) for more details, or to hear these on Air.

AMATEUR RADIO & ELECTRONICS MARKET DAY - BRANCH 12

Gordonton Hall.
1024 Gordonton Road (S.H. 1B).
Gordonton Saturday

31st August 2024.

Vendors from 8am,
Selling commences at 10am.

\$2.00 Entry/Raffle at the door.

Contact Details .
Po.Box 606 Waikato Mail Centre.
Hamilton 3240.
branch.12@nzart.org.nz.
021-139-1431.



THE NEXT NZART BROADCAST IS ON THE 30TH JUNE 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	Echolink	Basic Morse (ZL1PX)
	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 ZL3TK
	20:00	3.581	CW improvers Net
	20:00	7.025 – 7.040	VK CQ QRS Group (CW)
	21:00	1.850	160m Net
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
	08:00	3.730	ZL3DAC
	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
Wellington Park, 1 Great South Road.
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	
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). 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)