

Sept 2026



### **ZL1REG Radio Nets**

Here is a list of Radio nets that the Club runs weekly.  
I have also added nets that are located near us for your information.

VHF Net Sundays 7.30 pm on the ZL1REG Repeater 147.125Mhz No tone

6 Mtr SSB Net Thursdays 1900hrs 51.500 Mhz We are using USB. NC ZL1SE

2 Mtr SSB net Thursdays 7.30pm 144.220 USB NC ZL2TKH

HF Net Thursdays 8 pm 3615 Khz LSB NC ZL1PO

Sunday Night 1900. 432.220 USB

#### **NON-Branch related nearby nets:**

Every day except Sunday 9am on 147.125 Local 2 Mtr net. Net Controller ZL2BAT  
Brian (2) We call this the "Welfare" net

Every Sunday 9am Waitomo Net on 147.375 Net Controller ZL1HZ Mick -ZL1IZ

Sunday 0830 ZL1VK Papakura Radio Club net 146.625

Feel free to contact me if you think other nets of interest could be added here.

**Next meeting Saturday 12<sup>th</sup> September 1300 at the Glenview Club rooms.**  
**Topics**

**Editors Note:**

I was quite interested to try out the new AI Notetaker that have been advertised recently. I got the Boya Notr 64 gb of memory and used it at last club meeting. I was quite impressed at the quality of the audio and subsequent transcription into a txt document. Certainly, helps the secretary out im sure. May be something to consider to put on our website for people to view as to the audio files so they can hear/see the outcomes of meetings.

We had our 1<sup>st</sup> DMR net tonight (Sun 9<sup>th</sup> Aug) on BM TG 5301 with a very good turnout. 11 participants from NZ and Aus. Something to be further developed.

I can officially report that I was appointed as the Marketing Publicity Officer for NZART which has been vacant for some time. Still getting to grips with the Role. Id gratefully receive any ideas from club members.

Also of note to report that Debra ZL1DY has been appointed NZART Treasurer. Branch 89 is certainly doing its part in supporting NZART.

Im not afraid to advertise my special anniversary but 2 days after our next meeting ill be celebrating 70 years on this earth !!

**Presidents Corner :**

This last month has seen another wave of incredible amateur activity not only for our club, but around the Waikato. The recent Branch 12 Gordonton sale day was a fantastic opportunity for all to gather from around the country, followed by the customary lunch. The REG table contributed significantly to our club funds, thanks to Thomas and Mike and others. While a multitude of our members had their own successful stands. Coming up in the next few weeks, you'll see progress on the first phases of expanding the main club meeting room to accommodate around 20-25 additional attendees at our meetings. We've had considerable support for our expansion plans from the Glenview Club management. First up will be modifications to our electrical wiring, giving us more flexibility in sourcing power for operations, plus upgrading to ensure full compliance with updated electrical standards. We'll be after help with various aspects of the modifications, so please do let the committee know if you're keen to help. After each monthly meeting, we strive to have interesting technical presentations by invited speakers or club members, so please let us know if you're keen to speak on a radio-related topic, or know of someone we could invite to speak. Kevin ZL2TKH

**Club Website now Live Radio Electronics Group (REG) - ZL1REG | Amateur Radio Club Hamilton, New Zealand**

**Ham Radio Vlogs-Use full AmateurRadio.com • Ham Radio Blog**

**Ham Radio Resources: The Top Blogs and Websites (hamradioprepper.com)  
My Amateur Radio Story & My Advice for New Hams (youtube.com)**

**KM1NDY – A Secret Little Adventure Ham Radio Blog**

**(2) Radio Electronic Group (Inc) | Facebook this is our own Club Facebook Page**

**The Best Ham Radio Cartoons PART TWO (youtube.com)**

**Ham Humour | NewHams.info**

<https://www.voacap.com/hf/> Propagation predictions and long/short path calculations

<https://www.arnewslines.org/> Amateur Radio Newslines this is what is broadcast on the NZART national broadcast BTW.

Hamradio Blogs best: <https://hamradioplanet.com/top-10-ham-radio-blogs-and-websites-to-follow/>  
<https://hamweekly.com/>

<https://daily.hamweekly.com/> Amateur Radio Daily

[SWS - Global HF - Ionospheric Map The Australian Bureau of meteorology.](#)  
[Australian Space Weather Forecasting Centre](#)

<https://www.dx-world.net/category/dx-news/> DX World.net. Up and coming HF Dxpeditions

<https://www.solarham.com/> Solar Ham

## **RSM Silent Key Call Sign List**

If you are entering the hobby or want to change your existing call sign for a new one check the RSM listing of vacant call signs.

[Silent keys | Radio Spectrum Management New Zealand](#)

[Sites WaiPlenty Network Pics and details of the Waikato VHS Group](#)

### **Informal Meet up**

Every 2 weeks there is an informal catch-up of Hams at the Workingmen's club on a Tuesday at 1730 hrs. Sept 8th & 22nd meet-ups are good to catch up have a chat, drink and a feed. Add it to your calendar.

**REG Equipment Library** : For some time now REG have had an equipment library, made up of items generously donated by our members and others outside the club. This is made up of a handheld UHF/VHF FM dual-bander, dual band FM mobile, various power supplies and a range of test equipment. We have a book as the central

equipment register, where members can book out equipment items for up to 3 months at a time.

Our club 'Equipment Librarian' is Kevin ZL2TKH (021-441999) who can answer any questions, and book out equipment.

**Club UHF Repeater: Is now operational. Rx 433.875, Tx 438.875 No tone.**

## **NZART Contest Calendar | New Zealand Association of Radio Transmitters**

**September, 2026**

**19th and 20th September WIA VHF/UHF Spring Field Day**

### **Google Gmail HF Net Calendar**

If you want a link to the Gmail HF net calendar then please get in touch with myself. It has all the known HF nets throughout ZL. This list is monitored to ensure accuracy. You have the ability to turn it off/on, which is a bonus. The link below should work as well

<https://calendar.google.com/calendar/embed?src=myzllcjh%40gmail.com&ctz=Pacific%2FAuckland>

### **New Zealand and Australia Amateur Radio Magazine download:**

There are many issues to download now. They are a good read. I have a small article in issue 3 on the Google HF net Calendar. Have a look around the website as well where they sell antennas, radios, and accessories. [New Zealand and Australian Amateur New Zealand Radio Magazine – The Ham Shack](#)

DX Calendar Link:

<https://hamradio.shaneburrell.com/dxpeditions> **DX expedition calendar**

### **New Club DMR Net:**

After last month's meeting, we decided to start a DMR Net for those who are interested.

Sunday night on Brandmeister TG 5301 at 2000 hrs was decided as the Place to be. The first net on the 9<sup>th</sup> August we had 11 attendees with good discussion. Of course with the new apps available you don't need to buy a DMR radio. Hope to see you there. All you need to get is a DMR ID from Radioid.net . We have now had 2 successful nets.

## **NEW Role Marketing and Publicity Officer NZART**

Ok folk I have taken on a new job, albeit unpaid, as the Marketing and Publicity Officer for NZART. It had been vacant for some time. Presently just trying to get my head around it. Im looking forward to the challenge as it looks a big job. I would be grateful for advice from members. Luckily, my oldest daughter trained as a Journalist and is a senior adviser in media affairs at Environment Canterbury. I think I may well be asking her for advice also.

### **QSO One and Z3DMR**

Ive been running QSO One as a Beta tester past few days on the android platform. Apparently to be released on the google play store by a single developer it has to have a beta version for 2 weeks, then it is released on the play store.

So far it has been very good and versatile. Shame it still hasn't got DMR + network but I believe it is coming. Currently on Android, and Windows platforms and the next to be developed is IOS version. Z3DMR covers the DMR + missing from the QSO One. Dstar to be added as well to QSO One which will make it an all in one Digital Voice app that will definitely replace the old Droidstar app which is looking quite dated now.

To use both you will need your DMR ID at <https://radioid.net/>

### **Old School Fun With A ZC1    ZL1DVN Devon**

Within minutes of arriving at ZL1REG Market Day, I spotted an item of interest - costing almost exactly the entire amount of cash I had brought with me in my pocket. So just like that, within ten minutes of arriving I was out of money, and had purchased the heaviest, largest QRP radio I could concieve of putting in my lounge room. A very complete looking Mark 2 ZC1.

So, after a test of strength walking to the furthest possible carpark from the venue, I was the proud owner of a radio almost four times my age! And I now needed to learn all about a technology that was mostly obsolete before my parents were even born.

Two large screws on the front panel removed the beast from it's heavy metal case, and I marvelled at the array of valves. To my delight, it looked relatively untouched except for having been re-capped. Unfortunately, the re-capping appeared to have taken place some 40 years ago. A more patient man may have replaced them all and then attempted a power-on test, however, I went ahead and plugged it in anyways. The valve heaters came on (success!) but there was no life or audio out otherwise. A quick inspection with a multimeter showed 12V going into the HT unit, and a whopping... 0V coming out. Those older than me may be familiar with a synchronous vibrator HT unit, but mechanical solutions to what nowadays is a solid-state silicone device were certainly a learning curve for me.

A co-worker of mine who is far more knowledgeable than me on the ZC1 brokered up a couple of alternative vibrators to test if that was the issue, and with still no HT output I removed and tore into the HT unit itself to problem-solve. To cut a far longer, more circuit-analysis and testing story short, all three vibrators I attempted to use

were in fact faulty, and a careful disassembly and contact cleaning of one had a terrifying 300 VDC (unloaded) coming out of the HT unit. Just like that, after cutting out a short-circuited electrolytic that was causing the unit to draw 9A on start up (note my impatience at not replacing all the caps at the very start of this project...) there was life.

There is now a delightful crackle out of the headset on receive, and the unit would appear to transmit. As mentioned earlier, this ZC1 has already seen a recap at some point in its life. A true purist will go through the painstaking effort of hollowing out the original caps to hide the much smaller modern replacements into, however, a previous owner having already done away with the original caps leaves me with no reservations dropping in whatever replacements will bring it back into operational spec.

A quick walk around Jaycar and \$50 later, I had replacements for all of the paper metal and electrolytic capacitors. Some hours with the soldering iron later and they were all fitted, and my ZC1 is now fully functional and on the air, with an impressive 4W carrier output.

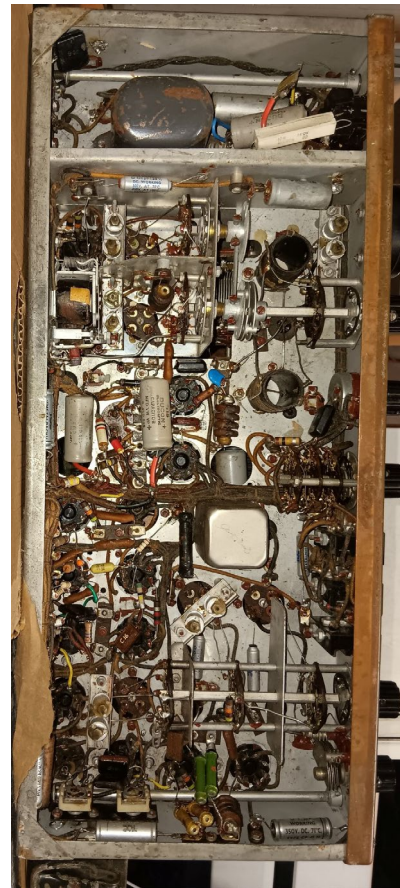
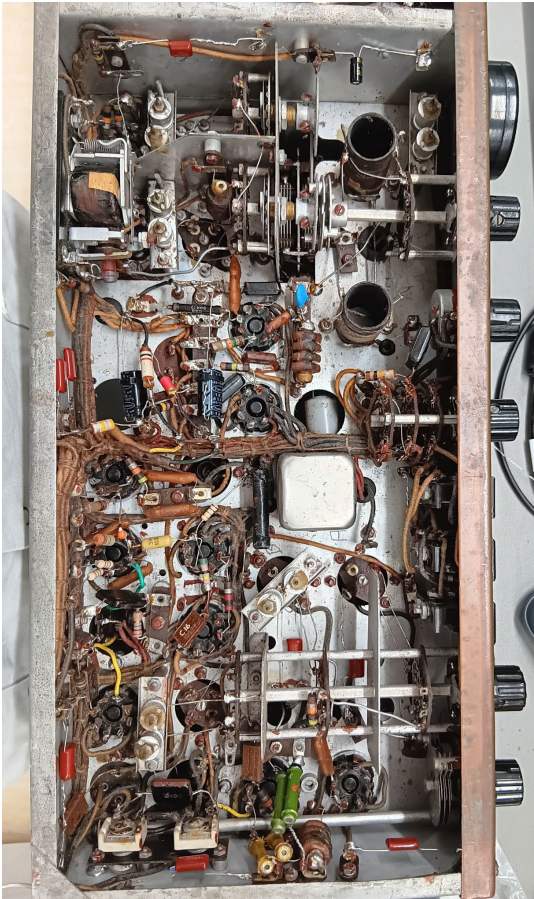
And what do you know, just last weekend I walk into the Branch 12 Market Day, and what is the first thing that greets me as I walk in the door?

Yes, my second ZC1 restoration project is now under way, possibly along with reinforcing my workbench.

Devon ZL1DVN



My growing collection of ZC1s



## AREC UPDATE

What has Trish our deputy group leader been up to this month??

General Operators Development & Assessment weekend.

5 of us from Waikato AREC will be attending this later in the month in Auckland.

While we are all proficient at radio operation, this also checks our knowledge and skills to work in the Emergency Management and SAR space. Will be a great weekend and being volunteers with other commitments, including families, we know members can't always attend events, so this is a great uptake. After sending out the reminder email for this event, it was heartening to get some good feedback.

I have been a little busy attending trainings and helping in the CRG area. With a Glen Murray (Nth Waikato) CRG leader we did PRS radio checks on 2 repeaters and simplex getting out to the coast at Waikorea, south of Port Waikato and nearly to Te Akau. Good results.

Attended a Commex (communications exercise) in west Auckland testing our ability at repeater deployment and message handling, including the paperwork. Perfect day for testing as it hosed down and we had to find our own shelter. Was nice to have good food, including cookies, provided by way of packed lunch, all part of Logistics. On sharing this info with members, there was interest in having our own Commex. Lastly, I went on a SAR training weekend, Search Techniques, near Karapiro.

Although for AREC, I sit behind a radio and laptop it was very useful to learn the different skills and the planning side. You know what the teams are talking about on radio and helps with situational awareness. With a written assessment, and far too

many times up a steep summit in mud and light rain, and the dark, and the bush underbrush, it tested many things! (Yes, I passed!)

And a congratulations to our member Cameron Mumford, who passed his competency and selection weekend for Hamilton SAR. A weekend to participate in, but also yearlong preparation. Awesome work Cameron, a great article in Break-In.

And now a note from our group leader John

We now have some additional base radios and power supplies including cases for protection. They have been fully programmed now and ready for use. We still require a few more bits and pieces to complete a full working base setup such as portable masts and antenna, laptops, 12v batteries, generator, shelter tent etc. This all takes time to put together and is a slow process. As I have heard said "Good things take time"

Chris ZL2CJ is now our equipment officer, and I will pass over all our gear to him and he will bring it all together to be entered in the new D4H system for AREC Waikato. Thank you, Chris, for covering this little chore for the group.

Cheers

John ZL1ECG

Group leader AREC Waikato.

## The new Icom 7110 -replacement for the Icom 7100

[https://g7rdx.co.uk/hamradio-news/icom-ic-7110/?utm\\_source=chatgpt.com](https://g7rdx.co.uk/hamradio-news/icom-ic-7110/?utm_source=chatgpt.com)

[https://www.dxzone.com/icom-ic-7110-specifications/?utm\\_source=chatgpt.com](https://www.dxzone.com/icom-ic-7110-specifications/?utm_source=chatgpt.com)



# RADIO ELECTRONICS GROUP

## NEXT HAMCRAM AMATUER RADIO COURSE



Glenview Club, 211 Peacockes rd,  
Hamilton .

**17/18<sup>th</sup> October**

Contact Chris Hattan

myzl1cjh@gmail.com

LIMITED  
SEATS  
ENROLL  
TODAY!

Registrations for the next hamcram are starting to trickle in.

## Club Executive Committee

**President:**

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# Glenview Club Inc

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## Hours of Operation

|           |                  |
|-----------|------------------|
| Monday    | 3:30pm - 7:30pm  |
| Tuesday   | 3:30pm - 7:30pm  |
| Wednesday | 3:30pm - Late    |
| Thursday  | 3:30pm - Late    |
| Friday    | 3:30pm - Late    |
| Saturday  | 1:00pm - Late    |
| Sunday    | 11:00am - 7:30pm |

## Peacockes Restaurant Hours

Thursday, Friday, & Saturday

6:00pm - 8:30pm

Sunday Brunch

11:00am - 2:00pm