



NZART HQ INFOLINE ISSUE # 490

From HQ...

NZART were recently donated the pieces of a large, very old electron microscope. These contain parts that many homebrew amateurs may be eager to obtain from us at no cost. All we ask is that you come and pick-a-part if you see something you would be interested in. Items can be seen in the photos below. These include varying sizes of valves and other vintage electronic boards.

If you are interested in collecting these (or parts of them), or know someone who might be, please reach out to us.

We cannot ship them as is, as they are extremely heavy. However we could post parts provided we receive a donation to cover postage.



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If you are going to be a point of contact for your branch (I.E President, Secretary, Alternate contact), but do not want both your phone and email listed on the NZART website, please make it known what contact details you wish to use when you take up these positions.

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Subscription invoices for next year will be sent out in mid-August

For those who have not provided NZART with a current email address, these will arrive via mail.

Subscription Prices for 2025 are as follows -

Transmitting & non-Transmitting	\$125
Family	\$30
Student	\$10
Overseas	\$165

A rebate of \$15 is applicable to Transmitting, Non-Transmitting and Family subscriptions **only, if paid before 30 November 2024.**

See you next issue!

Sara-Jayne

Admin

Net Database

I am building a database of nets (VHF / UHF / HF, Club or otherwise) to host on the NZART website.

Please send me the following information -

Net name:

Net Frequency:

Net Day(or days):

Net time (NZ local time):

Topics (or general):

Other notes (eg IRLP nodes, DV nodes etc)

Entry callsign:

Entry callsign email:

Anything else that might be useful?

The entry callsign/email is the person who we can contact to ensure the entry is valid/current. It is a challenge keeping data on the website up to date so it is important we have a contact to ask for the currency of the information. Please ensure this person is a person who we can contact so needs to be someone who will respond to such emails.

Please send me what you got.

Thanks

ZL2AJ

NZART & AREC Survey Report

See [HERE](#) for a report regarding results from the recent NZART survey

AREC Assistance with Nat System



Hi all. The national system has been recognized as a critical asset to amateur radio in New Zealand, and has a high degree of importance during emergencies throughout New Zealand, providing the equipment is maintained to a high standard.

Parts of the National System are aging and as equipment ages, its resilience also wanes. As such AREC has offered to assist with enhancing works performed on the national system, including replacement on aged repeaters, feedlines, and antennas. If you want to take

advantage of this offer please contact your AREC regional manager to assist you with making an application.

Assistance from AREC cannot be guaranteed due to the demands on their funds and availability of resources/people. However, if an application is made and they 1) are able and 2) see benefit in supporting infrastructure resilience enhancements they may be able to contribute. Initial focus will likely be on high-risk sites. Equipment ownership (and liabilities) will remain with the branch.

Please take advantage of this offer as the moment of truth with the national system is that it is working when it is needed which could be any time.

Thanks

ZL2AJ

WestFest 7-8 September

Branch 26 is holding a WESTFEST over the weekend 7-8th September. We would like to ask those interested to let the organizers know that they intend to. This is so we can ensure the venue is sized accordingly.

We look forward to seeing you there.

The entrance fee is \$20 with the following supplied -

- Venue
- Morning and afternoon teas
- Presenters on various Ham subjects
- Two raffles with Ham equipment as prizes.

You will need to organise your own meals and accommodation.

Send your interest in attending, and any queries to -

Stewart ZL2STR

022 459 0415

strobzn@gmail.com

NASA Satellites



NASA's ELaNa-33 mission's launch provider Firefly Aerospace has just announced that it has successfully deployed eight satellites. They will pass overhead around 9AM and 9PM local time daily. It might be a day or two before we have accurate Two Line Elements available for your tracking programs, monitor here as we will pass along information as we get it.

We expect to hear the following spacecraft operating in the Amateur Satellite Service:

MESAT-1 30 kHz wide V/U Transponder plus a 1k2 BPSK telemetry downlink. Telemetry downlink 435.800 MHz with transponder downlink 435.810-435.840 MHz, and transponder uplink 145.910-145.940 MHz Use AMSAT's FoxTelem software to collect telemetry.

Serenity 4k8 FM with AX25 downlink on 437.100 MHz

CatSat UHF downlink using 9k6 or 38k4 GMSK but will also relay WSPR and FT8 signals from HF. Downlinks on 437.185 MHz and 10470.00 MHz

KubeSat 1 UHF downlink using 9k6 GMSK. A downlink on 437.085 MHz

SOC-i UHF downlink using 4k8 GMSK. downlink 437.125 MHz

Joe Fitzgerald (KM1P)

AMSAT Orbital Elements Manager

Amateur Radio at MOTAT

The 2024 MOTAT Comms Live Day is coming up on August 18th.

This should be a great day. The radio aspect adds a lot to the day itself due to its interactive nature. It's also very good profile for amateur radio activities in New Zealand.

Morse code seems to be of more interest, so we're now including more interactive Morse exhibits in the Telecoms hall itself, along with the technology associated with AREC.

Cheers

ZL1ROK

Morse Training on EchoLink

Franklin Club commenced basic Morse training recently. The training is aimed at our members, six of whom are taking part, but we are okay with other amateurs joining in. We will make the training sheets available in advance each week. These can be used with teach Morse which is available from NZART website, so you catch up or keep up even if unable to attend sessions.

Training Sessions – Every Monday 8 PM on EchoLink at ZL1PX (double click ZL1PX to connect)

Further details – Peter ZL1PX pjh@teachlit.com

Contests

The Winter Sprints are up and running with good levels of activity, including the new FT4 category. Tuesday nights in July, 8-9.30pm on 80m.

Don't forget to submit your log for the Memorial Contest before the end of the month.

Next up is the WIA Trans Tasman Low Bands Contest on 20th July, there's a link to the rules from the [Contest Calendar](#).

73 and good luck in the contest!

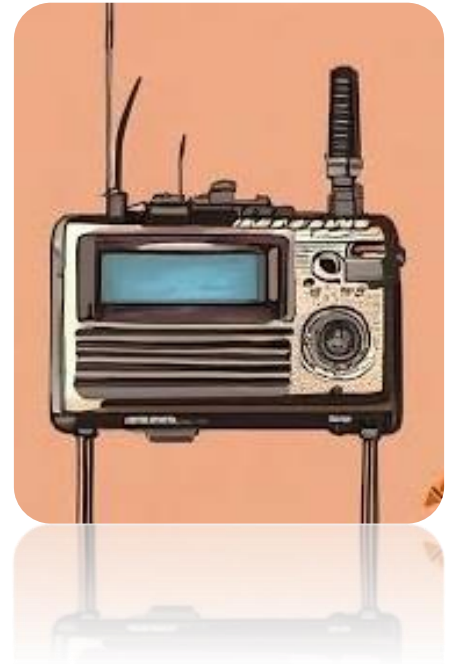
Geoff ZL3GA

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.

Cheers,
Dennis
ZL1UET



America's Cup Special Callsign



NZART has been asked to supply a special event call sign for the upcoming America's Cup to be held in Spain later this year.

The following are specific race days, however the call sign can be used from now until the 30th November 2024:

Preliminary Regatta: 22nd- 25th August

Louis Vuitton Cup Round Robins: 29th August- 8th September

Louis Vuitton Cup Semi Finals: 14th– 19th September

Louis Vuitton Cup Finals: 26th September- 5th October

Louis Vuitton 37th America's Cup Match: 12th October- 21st October

Reserve days are scheduled for the 22nd October through to 27th October if required.

ZL6AMCUP has been allocated to celebrate this event, with Phil Garside ZL2RO as the trustee of the callsign.

Please log all use of ZL6AMCUP and send to Phil: zl2ro@xtra.co.nz for him to keep a record.

Thanks

Phil ZL2RO

Around the Branches

[Christchurch Branch July Newsletter](#)

[Wellington Branch July Newsletter](#)

[Northshore Branch July Newsletter](#)

[Napier&Hastings Branch July Newsletter](#)

[Marlborough Branch July Newsletter](#)

Next Issue of HQ InfoLine

Kia ora koutou katoa (Hello)

The next HQ InfoLine is due on the 11th August 2024.

If you would like to share any events or report on any up coming activities, please send these through to me at infoline@nzart.org.nz or admin@nzart.org.nz.

The Next Official Broadcast will be held 28th July 2024

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