

THE MUSE



-----For MAY 2024-----

The newsletter of the MUSICK POINT RADIO GROUP (INC.) NZART BRANCH 86
Incorporating The Society for the Preservation of Amplitude Modulation (SPAM)
and **Green Radios On The Air (GROTA) News.**

Musick Point Memorial Radio Station, Bucklands Beach, Auckland. Call Sign-ZL1ZLD.
BRANCH 86 NZART NET- TUESDAYS, 7.30PM, 145.775 MHz, Musick Point Repeater. All welcome!

SPAM Remote Receiver - <http://spamnz.zapto.org:8901/>

Website- <https://musickpointradio.org> Webmaster-Neil ZL1NZ.

SPAM A.M. (ZL6AM or ZL1ZLD) Nets- Fridays 8.30PM, on 3.850MHz, and
Wednesdays at 11.30 Hrs, **7.125MHz. NOTE the CHANGE to 40 METERS**

Editor- Martyn, ZL3CK.

Meeting- Second Sunday of the Month (**Except May**-Third Sunday, to avoid Mothers' Day)

NEXT MEETING- **Sunday May 19th at 1pm. Coffee and tea provided!**

NOTE- Membership forms for 2025 are attached below.



Graham ZL1TOF and Harry ZL1BK and the 40 meter folded dipole at the Musick Point Memorial Radio Station.

From the Chair

Another month has flown by so here we go again. The AGM was held earlier this month and was well attended so we had no problem achieving a quorum. There were no surprises and the executive were all elected again, *en masse*. Thank you to all those who turned up and made it an interesting meeting. The next Sunday, I turned up at the station to find Dave's, ZL1DL car parked half way down the drive. I drove around it and noticed wood chips on the ground. "Ah", I thought, a fallen friend has been despatched. It turns out that Maurice was bored, so he cut up a small tree that had tried to deny entry to Dave. Read all about it on the website.

Today I saw a dwarf climbing down a prison wall. I thought to myself, "That's a little condescending."

Sunday was my day for a new handheld – yes, you guessed it, a Quansheng UV-K5(8) which Dave brought to the station for me. This resulted in some discussions and Dave passed on a few tips that he had learned in the short time that he had been using his. I was looking forward to getting it charged so that I could get started but that would have to wait until much later. My XYL and I were to have dinner at my daughter's that evening, so I would be going there straight from the station. After a good dinner, I got home and unpacked the little package and put the radio on charge, at last, until bedtime. On Monday evening, once it was fully charged, the fun was begun by flashing it with Egzumer and then messing around with Chirp. That's when I discovered how useless the VHF and UHF repeater maps are, on the NZART website. If you are using a laptop, there is almost no way to read most of the details on the maps. There is no zoom functionality, so I tried the zoom function in Chrome. That worked a charm but had no effect on the pictures in view mode. Once I had managed to restore Chrome to the normal 100% zoom factor, I was able to close the useless site and give it all a miss. So much for loading up a good selection of repeaters in areas that I might visit most often.

It's perfectly okay to talk to yourself and it's perfectly okay to answer yourself, but it's totally sad that you have to repeat what you said because you weren't listening.

In breaking news, MFJ has just announced that MFJ is ceasing its on-site production in Starkville, Mississippi on 17th May 2024. This applies also to the sister companies: Ameritron, Hygain, Cushcraft, Mirage and Vecronics. Martin started the business 52 years ago and was doing well until Covid changed everything and the business has still not recovered.

Martin turned 80 this year and has wanted to spend more precious time with family for quite a while. Apparently, he has been trying to sell the business for a couple of years but without success. They will continue to sell whatever products they have in stock, and will also continue with both, warranty and non-warranty repairs.

This has come as quite a shock to the US Hams and has left them wondering: "What now?". If you are a YouTube user, look out for 500 plus videos, all telling you the same news with the particular maker's own views. A good, straight offering comes from Jim Heath, W6LG at:

<https://youtu.be/I9qhYsKzrCE?si=afBJCNWxsc7TmNYx>

Out of all the inventions in the last 100 years, the dry erase board is probably the most remarkable.

That will be all for this month. I'll see you at the station sometime, I hope. Keep well and safe

Until next month:
73, and call CQ
David, ZL1DRV

MPRG News-

AREC- A lot has been happening at the Station. On Saturday 13th April we had a visit from **Steve Main ZL2RI**, Northern Region representative of the AREC, which is now a partly government funded organization. How AREC fits in with the various emergency organizations has been the focus of much work, following the rather poorly coordinated responses to the cyclone and flood events. AREC is expected to be central to the communications part.

Steve showed us much enthusiasm and knowledge, which was very encouraging, so we decided to move towards setting up an MPRG AREC group, with **Rob ZL4ROB** kindly volunteering to take on a leadership role.

The required commitment isn't great, maybe an hour now and then, and two field day type operations per year. Most of the required knowledge is obtained by on-line courses. These are made available to AREC members from the various emergency agencies in NZ.

There are a number of benefits to the club, including the (free, paid for) supply of equipment, the enhancement of our position as a vital link in emergency services at the Radio Station and the support of AREC in that they actively recruit members to the club from schools and other educational organizations.

AGM-No problem getting a quorum this year, we had 11 members and 4 apologies. Minutes are attached- please advise if any errors or omissions thank you.

Your 2024-2025 Membership form is attached to this newsletter.

NZART Remits were voted on as per minutes, and enquiries from NZART HQ have confirmed we are able to have our votes counted as proxy votes. Thanks to Sara-Jayne at HQ for helping with this.

The provisional minutes of the G.M and AGM, reports and financial statement (yet to be reviewed) are attached to this newsletter.

Resignation- Barbara Shephard ZL1UFT's resignation was accepted with regret. Barbara has resigned after many years of service to the Club. Barbara now lives 70Km away in Waiuku so it's impractical for her to travel so far. We hope she might pay us a visit sometime!

New Members- We welcomed **Mark Titchener ZL1MRT/4CDE** and **John Gilmour ZL1OJ/1JDG** to the club. We have heard John quite a bit on the air, we think he's settled on his call as ZL1OJ now (!), and Mark continues to amaze us with his sophisticated 27MHz beacon/loop experiments on the station roof!

Maintenance- Never ending of course, our spade recently grew legs and ran away, now a much more efficient shovel has been purchased and we hope members will be keen to try it out (frequently!) on the next gathering of leaves in the carpark. **Harry ZL1BK** has manufactured a right-angled device to scoop out the gloop from the drainage sumps. Hopefully we will not have a repeat of last year's weather, but in winter the car park becomes a lake if the sumps are not kept clear.

The 40 meter aerial has been repaired successfully (photos below) and the T98 now puts out nearly 100 watts, so it must have been 'sick' for a while. The T98 gets warmed up on 7.125MHz, every Wednesday now, (but a plan is afoot to make a VFO), as 80 Meters has slowly deteriorated in the daytime over the last few weeks. And, the Vee beam also needs work as a 'leg' has a broken connection to the matching box on the tower so it's an "I" beam not a 'V' beam at the moment.



Harry ZL1BK, kneeling reverently before the 40 meter aerial -or **Graham ZL1TOF**?-
Dave ZL1DL taking the photo of this important moment in our history ...



The (again) repaired dipole-no solder burns this time Dave! Dave provided the stainless steel clamps- which should last for at least another 40 years-even if the copper wire doesn't.

Some MPRG personalities...



The Indefatigable MPRG horologist **Graham ZL1TOF** caught in the act of replacing another fully serviced slave clock, now good for another 60 years (The clock that is..)



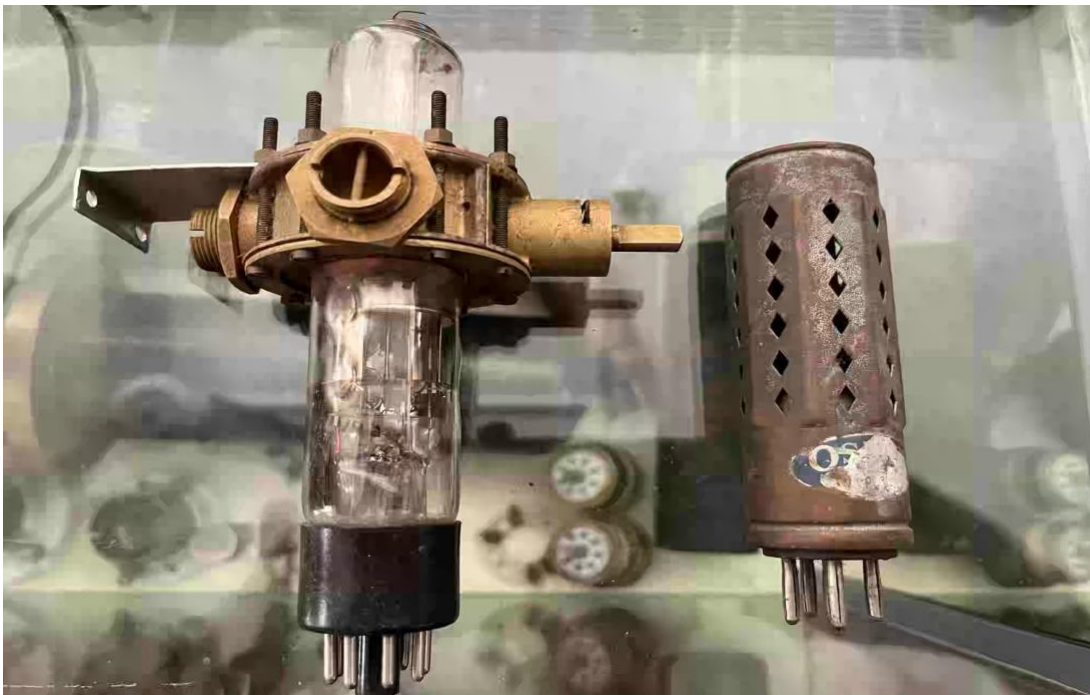
Harry ZL1BK our irreplaceable tower-scaler and tree-climber, making his offerings to the God of RF..

SPAM News-



Bruce ZL1BLB, a regular for years and years on the SPAM AM nets in his wonderful man-cave, at a secret location somewhere in the West...

Valves of the Month- from the Musick Point Collection.



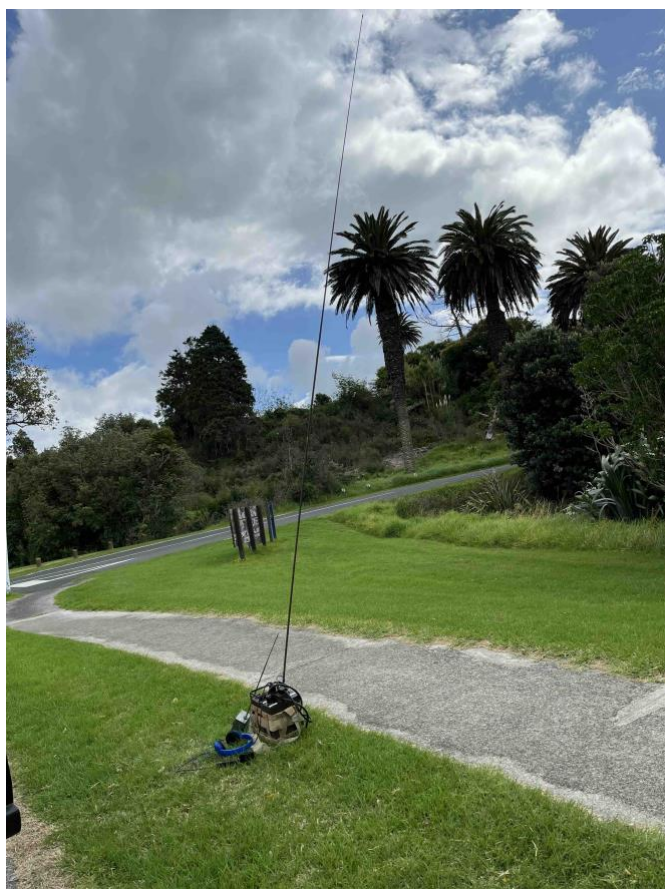
Any guesses as to what they are? Prize- your name in the next newsletter!

NZART Annual Conference on Sunday, June 2nd – There will be a GROTA session, and Green Radios will be in operation. No-one has asked for a SPAM meeting,

AM activities continue to attract a small but enthusiastic band of amateurs. Restoration of vintage radios and their operation is the main interest, the GROTA group being the most enthusiastic of all. The AM nets are often quite busy with up to 10 participants on Fridays (ZL6AM) and 4 or 5 on Wednesdays (ZL1ZLD). Recently, the completion of the vintage Collier and Beale T98 with a properly operating change-over system (thanks to Graham ZL1TOF) has allowed the introduction of 40 meters to the Wednesday time. We usually QSY after 15 mins on 80 meters, listen out on 7.125MHz at about 1145 Hrs. on Wednesday. The improvement in signals has been remarkable, e.g. ZL2UV New Plymouth to ZL1ZLD Auckland, the signal goes from just readable to fully quietening the QRM using only one tenth of the power! So listen out on 7.125Mhz at about 11.45 am on Wednesdays and you will probably hear us.

If you keep forgetting to tune in to a net, just set the alarm on your cell phone! It works for me.

The SPAM bank account is currently held at the ASB, and has \$1,321.09 in it as of today 13 April. The SPAM records are held by M. Seay ZL3CK. Suggestions (appropriate!) for the use of this money carefully collected by our predecessors will be gladly considered-via this newsletter if desired.



MPRG SPAM/GROTA/POTA Self-punishment Award to ZL3CK for a 1.228 Km QSO with a no.38 set.
(But I cheated- it's the 12 foot aerial)

GROTA News with Kelvin ZL3KB-

Continuing with the “Valleys” theme, (pushing very low power HF over the hill), we concocted a trial where the stations were strung out along the Port Hills in the valleys. This was always going to be a challenge as one station out of comms would break the chain, but guaranteed disaster never put us off.

Luckily Bryan ZL3BHS setup with his Mega 21set in the estuary area so could he could act as net controller. Mike ZL3MWD and Peter ZL3AI were in Heathcote valley with the A13 set, but heard no one except Bryan. I was in Barnett Valley on a 48set. and had terrible QRM but the use of a counterpoise wire allowed me to move the lobe of the vertical rod antenna to favour various directions.

Aidan ZL3APB in Sumner valley (48set) had a fine time and seemed to hear everyone, as did Noel ZL4OW (48set) on the summit road, but he had some radio TX issues.

A notable event was Aidan contacting Bryan on a newly restored WS38 set (20mW) over a 250m hill and an 8km path, but he was using an enormous 16' aerial. In general, the signals didn't want to climb the hills that day, and QRM ruined the day for some. But as I said, disasters don't ruin a great day out, do they?



ZL3APB Aidan 48set

in Sumner Valley

From the GROTA workbench

A trial with a recently restored 48set suddenly showed very low TX modulation.

Investigation revealed an open circuit mic transformer, but luckily the GROTA junker box

The Crazy Mazak problem



produced a replacement, so we were saved. That was our last one, so if anyone has old 48set chassis usable for spares, please let me know. The month has been busy restoring two types of power supply for Army manpacks. Firstly, a vibrator power supply for a 48set, which was developed by the Kiwis in 1943, supposedly because a shipment of batteries got torpedoed enroute to NZ (if anyone can throw more light on that story, please contact me). It fits inside the radio, and runs off 12V and 3V dry batteries.

Secondly, I have been looking at some hand-cranked generators, mainly with the aim of setting up a demonstration at the conference GROTA display. Unfortunately, the generators had suffered from Mazak disease, where the alloy metal expands and cracks over time, misaligning all moving parts. One generator did work well enough for use in the demo. It should be fun! The GROTA display will have lots of “have a go” activities for the public to try.

2024 Subscription Offer

**MPRG Members qualify for a discount
on a Quansheng UV-K5(8) !**



The reflashable HT that has brought a spectrum display, RSSI indication and lots more to an economy radio

With amateur enhanced firmware the UV-K5 has become a feature rich device at an entry level price!

Baofeng are so concerned about the UV-K5 that they have released their own look-a-like UVK5 - but its a non-flashable Baofeng inside !

Normally \$75 Members Price \$60

Offer valid until 19th May 24 Contact zl1dl@intelec.co.nz

**Subscription form in this newsletter
or at <https://mprg.zlham.net.nz>**

Minutes of General Meeting held at the Musick Memorial Radio Station on 14th April 2024.

Present-13 members as per attendance book.

Minutes for March- Accept as distributed- Moved ZL1KFM Seconded ZL1DL.-Carried unanimously.

Current A/C \$2315.41 Serious Saver 8036.13 Repeater \$272.28 Total funds \$10,623.82

New Members- Mark Tichener ZL1MRT/2CDE and John Gilmour ZL1OJ/1JDG
Proposer for both- ZL1TOF, seconder ZL1MPU -Accepted unanimously.

Email from Barbara Shephard re. resignation due to move out of Auckland- -Accepted with regret.

Email from Registrar of Incorporated Societies regarding constitution amendment (reduced quorum numbers) needs to have amended constitution signed by 3 members-
Defer until constitution is replaced by a new one to comply with 2022 Act.

Letter & phone call from David Teape re visit by Howick Classic Car Club (about 40 people) to the station on Sunday May 19th-
(Secretary to advise him) -Agreed can proceed.

Remits for NZART conference- 6 Members self-declared they are NZART members voted.

Remit 1- from NS Club to reduce licence requirements- In favour-2 Against-4

Remit 2 Constitution change for NZART- In Favour 5 Against Nil abstained 1

However, as no-one from MPRG is attending conference this year, secretary will inquire if proxy votes are permitted.

Meeting finished at 1320 Hrs, and was followed immediately by the AGM.

Minutes taken by ZL3CK.

Musick Point Radio Group Inc. Branch 86 NZART
Minutes for Annual General Meeting held at Musick Memorial Radio Station
on April 14th at 1320 Hrs

Present-

ZL1DL, ZL1KFM, ZL1 CJB, ZL1NZ, ZL1EK, ZL1FTH, ZL1TOF, ZL1MPU, ZL1DRV, ZL3CK, ZL2MOH.

Apologies received: ZL1LNB, ZL1 TGS, ZL2JDH, ZL4ROB.

Minutes of previous AGM May 21 2023- No errors, omissions or matters arising were tabled.

Minutes accept as circulated- *Proposed* - ZL1KFM, seconded ZL1DL. -Passed unanimously.

Finance- The Treasurer's report for YE 31 March 2024 was circulated and read out by ZL1DL. Income exceeded expenditure for the year by \$424.95. Total Balance was \$10,623.82

Inquiry to the ANZ revealed that the minimum Term Deposit amount would be \$10,000 so beyond the means of the club.

Proposed- accept financial report, subject to Reviewer's satisfactory report which is expected to be completed in the next 2 weeks- ZL1DL. Seconded ZL2MOH . -Passed unanimously.

Annual Subscription Setting- For a number of years, the subscription has been held at \$40. After discussion on the merits of raising or holding the amount, it was decided to continue with \$40 for the annual subscription. Many members add a donation to their annual contribution, and it was thought this was preferable to raising the sub.

Moved that subscription for 2024-2025 remain at \$40 - ZL1DRV, seconded ZL1TOF.

- Passed by majority show of hands.

Reports from the Chairman, Newsletter Editor (verbal) Webmaster were read out. . Discussion followed regarding the replacement of the repeater antenna.

Moved accept Chairman's report- ZL3CK, seconded ZL1FTH -Passed unanimously

Moved accept Newsletter editor's report- ZL1DRV, seconded ZL1MP -Passed unanimously

Moved a vote of thanks to the Webmaster Neil ZL1NZ and to accept his report- ZL1DL, seconded ZL1EK. -Passed unanimously

Election of Officers No prior nominations were received. All position holders agreed to continue in the respective portfolios – no other nominations were received. Elected and other positions were confirmed as below, and as agreed by the meeting, voted in one group-

Position	Nominee	Nominated by	Seconded by	In Favour
Chairman	David ZL1DRV	ZL1FTH	ZL1MRT	All
Secretary	Martyn ZL3CK	ZL1FTH	ZL1MRT	All
Treasurer	Dave ZL1DL	ZL1FTH	ZL1MRT	All
Newsletter editor	Martyn ZL3CK	N/A	N/A	All
Webmaster	Neil ZL1NZ	N/A	N/A	All

General Business- Setting up an AREC group of the MPRG-. Rob ZL4ROB has agreed (in absentia) to act as leader of such a group. Further discussions to take place along these lines. ZL1CJB, ZL1EK, ZL1DL and ZL3CK indicated willingness to be part of the group.

The Annual General Meeting was declared closed at 1350Hrs.

Chairman's Report 2023/2024

As I contemplated the contents of this report, I realised what a great year it has been. From a point sometime after the last AGM, attendance at the Monthly General Meetings has improved such that we have regularly achieved a quorum and been able to hold the meetings.

I would really like to have a talk, on some interesting topic, follow each meeting, so if anyone wishes to give us a short talk or demonstration, please let me know and we will let you amaze or amuse us. You never know, we might let you do it again sometime later.

The Wednesday and Sunday 'gatherings' have continued, the Sunday ones having become quite popular with fairly good attendances each week. More members turning up each week means that more little chores and projects have been finished, and we have also had plenty of time for the learning and fun activities initiated by Harry, ZL1BK. This has all been in the interests of expanding the knowledge of all involved. My thanks go to Harry for helping to bring more knowledge and interest to the members who have participated. I know that I have learned some things, as have the others.

We have needed to repair a number of antennae during the year and some more than once. I think that this would be true for many active members, and I am always making repairs and adjustments to my humble vertical. After all, we are dealing with mainly copper wire and rope, and both do not have an indefinite life expectancy.

Martyn, ZL3CK, also seems to spend quite a bit of time at the station, usually running the 80 metre AM net on a Wednesday, as well as some 40 metre AM work while he is here. This takes place in the mornings, hence the AM suffix ☺. I don't know if it's correct to operate AM in the afternoons.

Dave, ZL1DL recently created a members site wherein he regularly posts Blogs about the activities at the station, with photos and his usual dry humorous comments added for good measure.

Dave has, for a while now been voicing his wish to try and make the club station more 'disaster-ready' and to be able to demonstrate this ability. As chance would have it, we were contacted by Steve Main, the AREC Regional Manager, North who wanted to make a presentation about AREC to interested members. This was set down for Saturday 13 April and was attended by nine interested Hams. It was a very interesting morning and we all learned quite a bit about it and I think it showed us that Dave's wish could be achieved with plenty of assistance in terms of equipment, training and support from AREC. Obviously, we will need to consider the many opportunities offered before any decisions are made. That said, it is a great organisation and continues to be the recognised, and official, go-to for emergency communications.

In conclusion, I would like to thank Dave, ZL1DL for his continuing attempts to keep track of our finances, and for his new Blog site. Thanks must also go to Martyn, ZL3CK for his minute taking at each General Meeting, as well as the regular monthly newsletter which is a labour of love on his behalf. Graham, ZL1TOF needs our thanks for his keeping us up to the minute with his clock-keeping. A special thank you goes to Harry, ZL1BK for bringing fun and interest with him whenever he is around. Finally, my thanks to all the members who turn up so regularly and help keep the club alive with their interest and enthusiasm.

David ZL1DRV, 13 April 2024

MPRG Treasurer's Report YE 31/03/24

It is my pleasure to present our financial summary for activities covering the past financial year.

We had no significant unexpected outgoings during the year. Our minor maintenance costs were offset slightly by the sale of a light batten we had purchased for maintenance in the previous year.

Our major outgoings are insurance and data costs; these have increased significantly and it is likely that insurance may again see an increment.

Our costs have been adequately covered by our income, resulting in a small surplus for the year of \$424.95. An important contributor to our income is sales of surplus items. This income stream is important in holding down our direct costs to members and I would encourage anyone who can contribute to the process of sorting, repairing as required, listing and selling such goods to please get involved.

I would like to thank those who have also assisted offsetting our costs by donating items whether it be tea, coffee or biscuits or hardware to make things work.

We have had 24 paid up members for the year; with some contributing on a part year basis. Subscriptions make up an important part of our budget and we hope for at least a similar number of paid-up members in the coming year.

We have a useful backstop of savings, with the savings account not drawn upon in the last year. We make a \$20 payment per month into that account, to qualify for a higher interest tier. Total net interest for the year at \$277.06 is very welcome. It may be that interest rates will start declining in the current year and the interest contribution to our income may fall.

In summary, we have finished the year on a small surplus. We have deferred maintenance, especially in the replacement of the FM repeater antenna. If we have to engage a rigger to assist with this, our maintenance costs could significantly rise. Our next year may require more investment in maintenance, but our reserves should well be adequate to cover such.

Thank you all for your various contributions over the year in making our club one of the most unique and great groups to be a part of.

David Larcombe, ZL1DL, Hon. Treasurer Musick Point Radio Group.

Musick Point Radio Group Inc

1st April 2023 - 31st March 2024

Income		Expenditure	
Annual Subscriptions	\$ 925.00	Purchases	\$ -
Donations	\$ 350.00	Insurance	\$ 821.10
Sale of Goods	\$ 1,146.40	Maintenance	\$ 60.46
Net Interest	\$ 277.06	Internet	\$ 894.40
		Subscriptions	\$ 124.15
		Office / Kitchen	\$ 173.40
		Repeater Licences	\$ 200.00
Total Income	\$ 2,698.46	Total Outgoings	\$ 2,273.51
Surplus / Deficit (-)	\$ 424.95		
Bank Accts			
	Current	Savings	Repeater
Opening Balances at 01/04/23	\$ 2,167.11	\$ 7,566.92	\$ 464.84
Income			
Income	\$ 2,421.40		
Net Interest	\$ 40.41	\$ 229.21	\$ 7.44
	\$ 2,461.81	\$ 229.21	\$ 7.44
Expenditure			
Expenditure	\$ 2,073.51		\$ 200.00
Funds Movement			
Transfer Between Accounts	-\$ 240.00	\$ 240.00	
Closing Balances at 31/03/24	\$ 2,315.41	\$ 8,036.13	\$ 272.28
Financial Position Summary			
Assets (Funds in Bank)	\$ 10,623.82		
Liabilities (Payments Owing)	NIL		
D Larcombe / Treasurer			14/04/2024

The club's website has existed in its current form since 2011 when it was built by ZL1NZ on the Wordpress platform. Prior to that, the club's online presence was limited to a few static (and out of date) pages on the NZART website.

Over the years, the website has been upgraded in several ways, such as:

- Expansion of content, e.g. much more historical information based on research by ZL1NZ, and the inclusion of information on recent club activities. There are currently over 250 pages and over 830 images
- Responsive design, which automatically adjusts the layout to suit phones (picture shows layout on an iPhone X), tablets and computers.
- Change from http to https (security)
- Search optimisation (so prospective members and others can find us easily)
- Integration with the club's Facebook page and QRZ.com pages

The webhosting and domain, as well as site management, are provided by ZL1NZ at no cost to the club.

In the past year:

- The site had become increasingly unreliable, but the web host completed an upgrade of their servers on 9 April 2024. This required some corresponding back-end work on the website, but the result has been gratifying. I have seen no problems in accessing the site since the server upgrade, and the site seems to be quite fast.
- I have removed Google Analytics from the site, as I have done for all the websites I manage. This is as a result of Google demanding that all users of GA adopt a new version, which is extraordinarily complex and clearly designed for commercial websites integrating with Google's advertising network. It seems to me that the benefits are far outweighed by the effort involved in adopting the new system.
- Performance improvements in the past year include better automated image compression and page caching, both of which contribute to faster page loading.

Neil Sanderson ZL1NZ



Welcome to Musick Point Radio Group



The Musick Point Radio Group is an incorporated organisation of licensed amateur radio operators dedicated to preserving the historic radio communications station at Musick Point in Auckland, New Zealand.

MUSICK POINT RADIO GROUP INC., ZL1ZLD- Branch 86 NZART

(formerly Suburban Amateur Radio Club Inc.)

Membership Subscription form for Financial Year 1st April 2024 to 31st March 2025– Subscription \$40.00

PLEASE COMPLETE ALL SECTIONS AND RETURN THIS FORM WITH YOUR SUBSCRIPTION

PLEASE RETURN THE COMPLETED FORM TO –

MPRG SECRETARY MARTYN SEAY at martyn.seay@gmail.com

YOU MUST INCLUDE YOUR CALL SIGN AS PAYMENT REFERENCE.

BANK ACCOUNT FOR MPRG- (ANZ) 11-5373-0651319-11

Name- Callsign/s-.....

Address-

Phone/s-E-mail-

Financial Member NZART? Yes/no

Subscription- Cash/On line to above bank account (delete as necessary) \$......

Donation- Cash/On line to above bank account (delete as necessary) \$......

Sponsored by-Callsign-.....
(New members only)

Club use only:

Approved:

Not Approved:

Receipt no.....Date.....

Note- The information requested is for membership records required to be maintained under the Incorporated Societies Act, and having due regard to the provisions of the Privacy Act.

The Society for the Preservation Of Amplitude Modulation (NZ)

Application for Membership

Surname:

First Names:.....

Call Sign.....

Name used on air:

Postal Address:

E-Mail Address:.....

Phone No: Mobile:.....

Applicant's Signature:

Date of Application:.....

The subscription is \$5.00 payable once only – and is required with the application.

SPAM account- Society for the Preservation of Amplitude
Modulation NZ

(ASB) 12-3086-0264368

You will be posted a certificate for framing.

You can email your application to the co-ordinator : Martyn ZL3CK
martyn.seay@gmail.com.