

**The Official Newsletter of the
Auckland VHF Group Inc.
Spectrum**



A 2m Moxon Antenna

Learn more about how to make them at the May meeting

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Auckland VHF Group Inc.

Branch 66 NZART

PO Box 10138, Dominion Rd, Auckland 1446
Clubrooms: 30 Hazel Ave, Mt Roskill

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	Jim Logan	ZL1DI	021 331 747	
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ZL1BQ Trustee	Vaughan Henderson	ZL1VH	021 844 804	zl1bq@aucklandvhf.org
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Klondyke Manager	Vaughan Henderson	ZL1VH	021 844 804	6625@aucklandvhf.org
670 Manager	Vaughan Henderson	ZL1VH	021 844 804	670@aucklandvhf.org
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ZL1VHD Dstar gateway registration URL :			http://zl1vhd.dstar.org.nz	
Webmaster	Terry Corin	ZL1BPA	027 697 4686	webmaster@aucklandvhf.org

Club News and Net:

The combined Auckland VHF Group and Auckland Regional Branch News and Net are held on 146.625 MHz and 439.875 MHz at 8.15 pm each Sunday or after the ZL6A National Broadcast on the last Sunday of the month.

Club meetings are held at the Clubrooms at Hazel Avenue, on the second Monday of each month at 7.30 pm. For other details, listen to the News and Net each Sunday evening.

SPECTRUM is the official journal of the Auckland VHF Group Inc. Opinions expressed are those of the authors and do not necessarily reflect club points of view. The closing date for SPECTRUM articles is by the 1st of each month. Articles to be submitted to the editor Mark ZL1UMK
spectrum@aucklandvhf.org

Auckland VHF Group (Inc) Branch 66

**The next Auckland VHF Group General Meeting
be held on
Monday 8 May
At the Clubrooms, 30 Hazel Avenue at 7:30 pm**

Speaker: Simon Bridger ZL1THH

Subject: 2m\70cm Moxon Antenna Theory & Design

The Moxon Antenna was developed by Lex Moxon G6XN

**A practical construction event of Moxon Antennas will occur
on 20 May at the clubrooms**

**Also discussion of Remits for 2023 NZART Conference and
Selecting the Branch 66 Delegate**

Coming Events:

Registrations for **2023 NZART Conference** are now open.

The organisers welcome you and your clubs to join us this year in Palmerston North.

Any questions – contact conference@nzart.org.nz

The Conference is happening on, Kings Birthday Weekend

3 & 4 June 2023

Registration form here <https://nzart-conference.nz/page2.html>

Auckland VHF Group President's Column

Dave Dingley –ZL1TIA

Greetings All

Please allow me to introduce myself

Name – Dave Callsign – ZL1TIA Age – N/A

Years Licensed – Eligible for OTC times 2 +

That's the basics

Yep, I have been around for a while, my first transmitter was a home brew valve rig with a 6360 final, teamed with a self modified ARC 5 receiver with a borrowed nuvistor converter. First contact was on 2 metres with, if I remember correctly, ZL1TJP - Roger (now ZL1ASV). A distance of about 15 km from One Tree Hill to Milford. The frequency was about 144.5 MHz simplex using a ground-plane aerial. You can hazard a guess as to the date.

(Prize of a chocolate fish for the closest guess on the 8th May)

From there it was all down hill.

Repeaters were "invented" and transistor gear became available at a price.

Channel C was the Auckland frequency (146.900) at Redoubt Rd for testing then shifted to the present site in the Waitakeres, where it is still, although the frequency is now 146.700. 690 lives on though in South Auckland.

Some people call me "old fashioned" and maybe I am but I am of the opinion that Ham Radio should be fun, and one of the advantages in my opinion, is that on VHF (and above) you frequently get to meet the people you talk to.

This tends to lead to the exchange of ideas, experimentation and swapping of bits and pieces, all of which can be enjoyable (until you get home).

There is more to all of this. Maybe next month. English composition (essay writing) was not my strong point at school and my typing skills are about minus five on a scale of 0 to 10.

73,

Dave

ZL1TIA

2023 NZART Conference Remits

Christchurch Branch 05 Remits

1) NZART to create a digital only membership, for those wanting a digital only copy of *Break In* with discounted membership fee. Transmitting

NZART needs to get with the times with increasing costs, several members don't need or want a paper copy of *Break In* these days. There needs to be a cheaper option for those wanting a digital version. A digital version can be searched and indexed with a couple of mouse clicks unlike the paper copy. This also helps to save the planet with reduced paper use.

Council Comment:

*Council does not believe that opting out of a hard copy subscription of *Break In* would lead to reduced costs. It would likely lead to increased costs. Council does not support this remit.*

2) NZART to reduce membership fees for members associated to clubs that are charities or the club does not meet the criteria to be covered under NZART public liability insurance. Transmitting

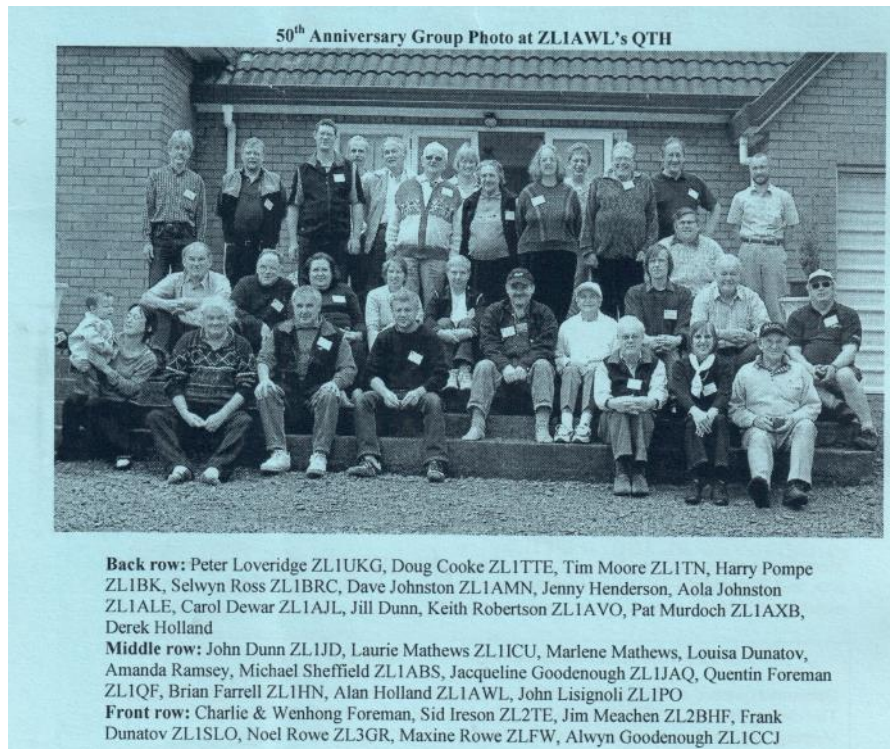
Recently it has been discovered that several clubs are not covered by the NZART Public liability insurance policy. These branches need to know that they are or are not covered before any event, so that no one assumes they are covered when in fact they are not.

Council Comment:

NZART has no control over whether branches do or do not meet the requirements to be covered under NZART's insurance. Therefore, NZART does not believe it should reduce the membership as it may lead to perverse outcomes with clubs opting out of insurance cover to reduce costs. Currently there are only 5 branches to which this may apply. Council does not support the remit.

Please bring your copy of Spectrum to the meeting so you are familiar with these remits

Alan Holland ZL1AWL Silent Key



The VHF Group regrets to advise that long time member Alan "Dutch" Holland BSC, MIEE, MNZIE, ZL1AWL became a silent key on 28 April. He passed away peacefully in his sleep at Wellington Hospital with family keeping vigil at his side. Originally from Palmerston North, Alan's working life as a Telecommunications Engineer with the New Zealand Post Office took him to several different locations - Papatoetoe, Christchurch, Wellington and Auckland to name a few. On retirement he and his late wife Judith ZL1AWM purchased a lifestyle block at Kumeu where he was able to pursue his various interests - ham radio, beekeeping and after the Judith's death, he enjoyed leisurely cycling holidays in the south of France and following the Camino trail in Spain. In his later years, when the lifestyle block became too much to manage, Alan moved to Wellington to live with his son Nigel.

Both Alan and Judth ZL1AWM were active members of the VHF Group. Alan served on the committee from 1996 to 2003 and was Vice-President from 2004 to 2007. He could always be relied upon to offer sound and well reasoned advice on matters before the VHF Group's committee. A feature of Alan's time with the Group was his annual "gathering" at their property in Kumeu. He would invite many of his ex-NZ Post Office Engineer friends and also members of the VHF Group. The gathering always included copious amounts of food and plenty of sausages cooked on the BBQ. We were also tasked with assisting when his tri-band beam and rotator needed work - many hands made lowering his tilt-over mast quite an easy job. On the occasion of the Group's 50th Anniversary, Alan hosted the Saturday afternoon celebration at the property. A reproduction of the front cover of Spectrum December 2006 shows the members assembled on the front steps of the house.

A farewell for Alan will take place in Wellington at Lynchgate Funerals, 306 Willis Street, Wellington at 12pm on Wednesday 3 May and this will be followed by a farewell on Saturday 6 May at St Chad's Anglican Church, 7 Matua Road, Huapai. Details of the time will be published in the NZ Herald. The VHF Group extends its sincere sympathies to Alan's family on this sad occasion.

Radio Electronics Group Inc

NZART Branch - 89

Annual Equipment Sale

At Glenview Club Inc. 211 Peacocks Road Glenview, Hamilton. Please note the new road layout.

Saturday 20th May 2023.. 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.

For Vendor Registration Form contact Robert ZL2BRO ZL1REGSALE@gmail.com

Do you have a contribution for Spectrum?

Any and all contributions, would be welcome.

I don't promise to publish everything I receive, but would be glad to receive suggestions or contributions.

VHF Group Subscriptions are now due for 2022-2023 year.

Subscriptions are now being accepted for the 2022-2023 year, 1 July 2022 to 30 June 2023.

This coincides with the change of the financial year to ending 30 June 2023.

The change is intended to give sufficient time to get the accounts sorted and reviewed before the AGM in November 2023. Invoices will be sent out in May to all members who have not renewed by that time.

Note on Subscriptions

- a. There is an increase for the 2022-2023 subscription year.
- b. All yearly subscriptions terminate on 30th June each year. To keep your membership active, we need to receive your subscription renewal by that date.

Subscription Type	Subscription Price
Ordinary Members (Full)	\$60.00
Associate Members	\$55.00
Family Members	\$25.00

For Family Members, one person needs to be an Ordinary Member, and then each additional family person then becomes a family member.



**Amateur Radio Emergency
Communication.
Volunteers in radio communications.
Using our resources to help the
community.**



INFORMATION

The Auckland VHF Group has an AREC Group that works closely with Auckland Council Emergency Management. They provide advice, resources and manpower to assist in times of need.

The AREC section is headed by Group Leader Matthew King ZL1YOT.

From time to time the VHF Group has training sessions and exercises. Members also assist with sports events, parades and other community activities. For further information about AREC please see the NZART web site: <http://www.nzart.org.nz/arec/>

JOIN BRANCH 66 AREC

All members of the Auckland VHF Group are encouraged to join the AREC section. Your contribution, large or small is appreciated by all involved.

For further information about joining Branch 66 AREC contact the Group Leader:

Matthew King ZL1YOT

022-6493310

mattking@gmail.com

The Deputy Leader position is currently vacant



AUCKLAND VHF GROUP (INC)

SUPPORT THE EFFORTS OF THE VHF GROUP THROUGH YOUR
SUBSCRIPTION

SUBSCRIPTIONS FOR 2022-2023

THE SUBS GO TOWARDS;

- Maintenance and on-going improvements to beacons, repeaters and linking systems for the national system, including the Klondyke repeater site.
- Providing on-time and free access to spectrum magazine as soon as it is available.
- Providing facilities for good speakers and lecturers at our general meetings.
- Discounted access to our trading table goodies.
- Access to test equipment and technical help when needed.

FULL MEMBERSHIP **\$60.00**

ASSOCIATE MEMBERSHIP **\$55.00**

FAMILY MEMBERSHIP ADDITIONAL **\$25:00**

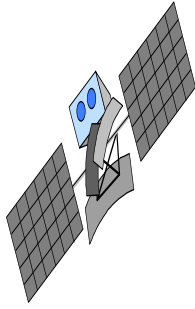
SEE ATTACHED MEMBERSHIP RENEWAL FORM (next page)

REMEMBER TO KEEP US INFORMED OF YOUR

EMAIL ADDRESS!

OTHERWISE WE CANNOT SEND YOU SPECTRUM!





AUCKLAND VHF GROUP INC.

P O Box 10138, Dominion Rd, Auckland 1446,
 30 Hazel Avenue, Mount Roskill, Auckland,
 Email: treasurer@aucklandvhf.org
 Web: <http://www.aucklandvhf.org>
 NEW ZEALAND



				Date Form Completed			
Mr/Mrs/Miss/Ms		Forename			Surname		
	Address1			Phone: (home)			
	Address2		NZ Post Code		Phone: (work)		
	Town/City			Phone (Mobile)			
	Email			Phone (Cell)			
Occupation:				Callsign:			
NZART Member	Yes / No		Branch assigned				
AREC Member	Yes / No		Branch assigned				
Family Member 1	(Name)		(Call)		(Email)		(Mobile #)
Family Member 2	(Name)		(Call)		(Email)		(Mobile #)
Family Member 3	(Name)		(Call)		(Email)		(Mobile #)
New/Renewal/Change	Membership Category				To pay		
	Ordinary (Full)				\$60.00		\$
	Associate				\$55.00		\$
Family (per member after 1 full member registered at same address)				\$25.00		\$	
Donations	Klondyke Refurbishment						\$
	Repeater Maintenance						\$
	Data/D-Star						\$
	Beacon/Repeater/Links Licences						\$
	General Club Donation / Other						\$
				Total		\$	
				Payment (Mark One →)		Cash <input type="checkbox"/> Internet deposit <input type="checkbox"/>	
If require Invoice / Receipt <i>Please Advise Treasurer</i>				Other: <input type="checkbox"/>			
Internet	Account ASB 12-3011-0830580-00 . Account Name: Auckland VHF Group Inc. Include your Name/Callsign for track. Note: this form needs to be sent to us to update our records. Email to: treasurer@aucklandvhf.org . (Especially if Contact information has changed)						
Post	The Treasurer, Auckland VHF Group Inc. PO Box 10138, Dominion Road, Auckland 1446.						
In Person	Bring this form and payment to the next club meeting, 2 nd Monday of the month or to the Committee meeting the 4 th Monday of the month.						
Privacy	Unsubscribe from Email Notifications <input type="checkbox"/>			Do Not disclose contact Information <input type="checkbox"/>			
	Unsubscribe from Google Groups <input type="checkbox"/>						

Club use only: <input type="checkbox"/>	Approved: <input type="checkbox"/>	Not Approved: <input type="checkbox"/>
Sponsored by*	Sponsor's Callsign*	
*New members only.	Date:	

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 Auckland VHF Group Inc Branch 66 NZART

gratefully acknowledges the sponsorship of Branch 66 Beacons, Repeaters and Fixed Links license fees and the Group's repeater operations by the following radio amateurs and NZART Branches for 2022-2023

53.725	Repeater	Klondyke Road	Gwynne Rowe	ZL1AAR	\$50.00
144.253	Beacon	Nihotupu (Testing Clubrooms)	Terry Corin	ZL1BPA	\$50.00
145.625	Data Rptr	Klondyke Road	Terry Corin	ZL1BPA	\$50.00
145.650	D-Star Rptr	Klondyke Road	Terry Corin	ZL1BPA	\$50.00
146.625	Repeater	Klondyke Road	David Wilkins	ZL1MR	\$50.00
146.700	Repeater	Ruaotuwheua	Terry Corin	ZL1BPA	\$50.00
146.900	Repeater	Mt Puketutu Radio	David Wilkins	ZL1MR	\$50.00
432.253	Beacon	Nihotupu (Testing Clubrooms)	Terry Corin	ZL1BPA	\$50.00
438.175	D-Star Repeater	Klondyke Road	Terry Corin	ZL1BPA	\$50.00
438.500	Repeater	North Head	Franklin Branch	ZL1SA	\$50.00
439.850	Link TX to Kaimai	Klondyke Road	George Marr	ZL1TUJ	\$50.00
439.875	Ak Nat System Rptr	Klondyke Road	Soren Low	ZL1SKL	\$50.00
439.900	Link TX to Egmont	Klondyke Road	Franklin Branch	ZL1SA	\$50.00
439.950	Link TX to Brenderwyn	Klondyke Road	Terry Corin	ZL1BPA	\$50.00
1291.900	Repeater	217 Glenfield Rd	Franklin Branch	ZL1SA	\$50.00
439.700	DMR Repeater (Waitakere's)	Quinns Rd	Franklin Branch	ZL1SA	\$50.00
					\$800.00

**Klondyke Tower
Donations towards Maintenance**

Target 100,000

Name Donation
Donations 2018 - 2021 \$9734.00

Tower 63,245.00 Other 27,268.25
GST 9,486.75

Donations 2022 –2023

George Marr ZL1TUJ \$100.00
Dave Dingley ZL1TIA \$205.00
Estate Ian Sexton ZL1PZ \$950.00
Estate Tony Babish ZL1ATE \$500.00
John Sexton ZL1AQS \$750.00
Klondike Raffle \$270.00
Papakura Radio Club \$500.00

Total 72,731.75 Total 27,268.25

Auckland VHF Group 40,000.00 40.00

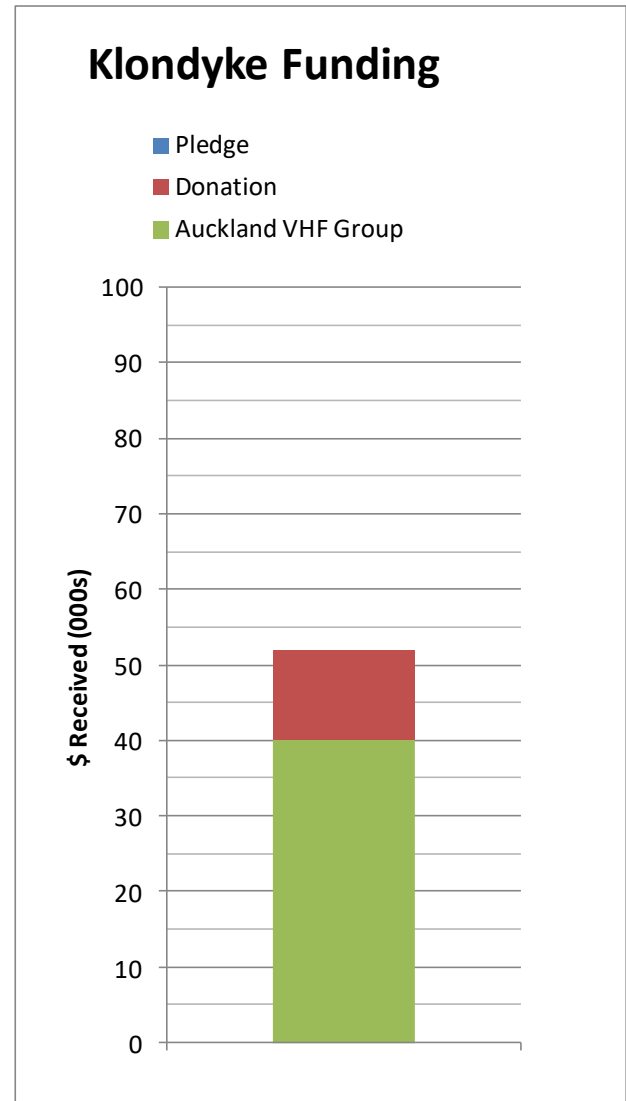
2022 –23 Year to Date \$3275.00

Total \$15,604.00
Percent of Goal 15.60 %

Other Donations

Harry Pompe ZL1BK \$100.00

For cluboom 50th celebration



TRADING TABLE

Currently our Trading Table is only open on meeting nights.

NEW – Printed Circuit Board. Thanks to a generous donation from N.Z.'s last circuit board production company (now closed down), we have a large quantity of single sided fibreglass printed circuit board material in sizes ranging from 1200 x 600 down to smaller pieces. There's some double sided board as well. Come along to our May meeting if you want some – prices can be negotiated!

NEW – RG58C/U 50 Ohm Coaxial Cable. Thanks to a bulk purchase we are able to offer this good quality coax at a competitive price. The cable has tinned centre conductor and screen braid making it resistant to long term corrosion. The price is \$2.00 per metre with a discount for purchases of 20m or more. See Vaughan ZL1VH on meeting nights to get this quality coax cable.

The Trading Table is now on line. Navigate your way to our new look web site at <https://aucklandvhf.org/> and click on TRADING TABLE (the most right hand tab).

Wait a few seconds and the on-line version of the Trading Table will pop up. From here you can browse the various sections, dig deeper to look at what's available and even place your order online.

If you prefer to just look at the Trading Table List, just hover your mouse pointer over the TRADING TABLE and a pull down list will appear. From this you can access the full trading Table list and download it in .PDF form.

We also have heaps of parts from dismantled commercial analog TV gear – transmitters, filters, circulators, patch panels, power supplies. Too much to list individually, so come along to the clubrooms and have a look.

